

# Statistical Abstract of the United States 1955

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# Statistical Abstract of the United States 1955

*76th Annual Edition*

Prepared under the direction of  
EDWIN D. GOLDFIELD  
Chief, Statistical Reports Division



U. S. DEPARTMENT OF COMMERCE

Sinclair Weeks, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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## ACKNOWLEDGEMENTS

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The cooperation of the many contributors to this volume is gratefully acknowledged. The list of tables by source (pp. XII-XV) and the source note below each table indicate the various government and private agencies which have collaborated in furnishing information for the *Statistical Abstract*.

JUNE 1955.

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## P R E F A C E

The *Statistical Abstract of the United States*, published annually since 1878, is the standard summary of statistics on the industrial, social, political, and economic organization of the United States. This book is designed to fulfill two functions: First, to serve as a convenient volume for statistical reference; and second, to serve as a guide to other statistical publications and sources.

The *Statistical Abstract of the United States* includes a representative selection of data from most of the important statistical publications, both governmental and private. These source publications are noted at the foot of each table. The publications cited usually contain additional statistical detail and a more complete discussion of relevant definitions and concepts than can be presented here. Where contributing agencies are cited as sources, without mention of publications, more detailed information frequently is available from their unpublished tabulations and records.

Emphasis in the *Statistical Abstract* is given primarily to national data. Data for regions and individual States are presented to a lesser extent. Data for cities or other geographic units appear only in a small number of instances.

**1955 edition.**—This edition, the seventy-sixth annual issue, presents data for the most recent year or period available during the early part of 1955. The title year "1955" refers both to the year during which compilation of the book was made and the year of publication.

Each year, an attempt is made to introduce new subject material of interest, data that are less timely are eliminated, and format and text changes are made where necessary. This year the text notes for the first half of the volume were revised to make them more comprehensive and consistent. The format of the Bibliography of Sources was extensively revised to improve readability. A number of new charts were included. In addition, many new tables were introduced.

Among the new tables in this issue are tables on the following subjects:

Sex ratio of the population, by age and color	Per capita income in current and constant dollars
Family charges and costs for personal health services	Mortgage debt outstanding, by type of property and holder
Personnel and expenditures in State hospitals for psychiatric patients	Nonfarm real estate foreclosures
Urban and rural crime rates	Life insurance ownership and average premium, by spending unit characteristics
Juvenile delinquency	Life insurance and disposable personal income per family
Legal profession	Projections of electric energy requirements to 1975
Earliest and latest dates of occurrence of frost	Mileage of Federal-aid highway systems, by States
Duration of unemployment for unemployed persons	Losses paid on automobile insurance
Marital status of women in the labor force	Intercity freight traffic, by type of transportation
Selective Service registrants accepted, and disqualified by cause	Intercity passenger traffic, by type of transportation
Membership in Boy Scouts and Girl Scouts	Water use in manufacturing
Orphans, by type and age	



Public water supplies for community water systems  
 Motion picture theater admissions and receipts  
 New funds available under Mutual Security Program, by type of aid and region

Sales of surplus agricultural commodities under Mutual Security Program  
 Personal income in Hawaii  
 Balance of payments of Puerto Rico  
 International foreign exchange holdings

There are, in addition, new tables on a number of other subjects.

Among tables shown in the last edition, 47 were omitted from this issue. Major omissions occurred in the Area and Population section and in the Labor Force, Employment, and Earnings section affecting 1950 Census of Population data; in the Vital Statistics, Health, and Nutrition section, affecting infant births and deaths; in the Forests and Forest Products section, affecting data on production of laths, shingles, and cooperage stock; and in the Foreign Commerce section, affecting data on aid programs shown for shipments and authorizations by commodity groups. Some of the information in the omitted tables was absorbed in other tables still present.

**Supplements to the *Abstract*.**—The *Statistical Abstract*, as an annual one-volume publication, is of necessity limited in amount of detail shown. Businessmen, teachers, librarians, public officials, professional workers, market researchers, and others often require data for individual cities, counties, metropolitan areas, and other small areas as well as for States. Economists, teachers, social scientists, historians, students, and others frequently need more historical information. To meet such requests for more detail, a series of supplements to the *Abstract* has been issued.

The *County and City Data Book, 1952*, a small-area supplement, issued in May 1953, brings together 128 items of information for each county, standard metropolitan area, and State; and 133 items for each of 484 cities with 25,000 inhabitants or more in 1950. Most of the statistics in this volume were obtained from the results of the 1950 Censuses of Agriculture, Population, and Housing. Other subjects covered include 1950 data for births, deaths, and marriages; bank deposits and E Bond sales; city government finances and employment; city school systems; farm-operator family level-of-living index; and other items of social and economic importance. Final figures for a number of items from the 1948 Census of Business and the 1947 Census of Manufactures are also shown. This volume is on sale by the Superintendent of Documents, Government Printing Office, Washington 25, D. C., for \$4.25.

*Historical Statistics of the United States, 1789-1945*, a historical supplement, was published in July 1949. This volume presents, in compact form, approximately 3,000 statistical time series (mostly on an annual basis) which cover various periods from 1789 to 1945. These time series reflect economic, social, and political aspects of the development of the Nation since the Federal Government was formally established. In the preparation of this supplement the Bureau of the Census had the cooperation of a special committee of the Social Science Research Council set up to advise the Director of the Census on a source book of historical statistics and of the Committee on Research in Economic History under the auspices of the Social Science Research Council. This volume is on sale by the Superintendent of Documents, Government Printing Office, Washington 25, D. C., for \$3.25.

*Continuation to 1952 of Historical Statistics of the United States, 1789-1945*, issued in May 1954, presents data for 1946 to 1952 for the current series shown in *Historical Statistics*, mentioned above. It also contains the latest revisions for many of the series in *Historical Statistics*. This publication is also on sale by the Superintendent of Documents, Government Printing Office, Washington 25, D. C., for 55 cents.

**Responsibility.**—The contents of this volume are taken from a large number of sources, as indicated in the list of agencies furnishing material. (See pages XII–XV.) The Bureau of the Census cannot accept the responsibility for the accuracy or limitations of the data presented here, other than for those which it collects. However, the responsibility for selection of the material and for proper presentation rests with the Bureau, even though carried out with the cooperation of many technicians who have given generously of their time and knowledge in order to assist the Bureau's staff in making the presentation as meaningful and useful as possible.

The cooperation of users of this volume must also be acknowledged. Many persons have written offering suggestions for improving the presentation of the material. These letters have been most helpful and users are urged to continue to make their needs known. All suggestions will be carefully considered in planning future editions.

#### FOR ADDITIONAL INFORMATION ON DATA PRESENTED

write to the agency indicated in the source note to the table which covers the desired subject.

#### SUGGESTIONS AND COMMENTS

should be sent to  
The Director  
Bureau of the Census  
Washington 25, D. C.

## STATISTICAL ABSTRACT SUPPLEMENTS

*County and City Data Book, 1952.* A compact presentation of 128 items of statistical data for each county and standard metropolitan area in the United States, and 133 items of statistical data for each of 484 cities having 25,000 inhabitants or more in 1950. Items included based largely on results of 1950 Censuses of Agriculture, Population, and Housing. Includes 51 maps, explanatory and definitive text, and source notes. 608 pages. Issued 1953. Second printing. Price \$4.25 (Buckram).

*Historical Statistics of the United States, 1789-1945.* A supplement to the *Statistical Abstract*, prepared with the cooperation of the Social Science Research Council. A compilation of about 3,000 statistical time series, largely annual, extending back through time to the earliest year for which figures are available. Includes definitions of terms and descriptive text. Specific source notes provide a basic guide to original published sources for further reference and additional data. Detailed alphabetical subject index. 363 pages. Issued 1949. Fourth printing. Price \$3.25 (Buckram).

*Continuation to 1952 of Historical Statistics of the United States, 1789-1945.* Carries forward and presents revisions of the statistical time series contained in *Historical Statistics of the United States, 1789-1945*. Designed especially for use in conjunction with the *Historical Statistics* volume. 79 pages. Issued 1954. Price 55 cents.

Purchase orders should be addressed to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.



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FIG. I.—MAP OF THE UNITED STATES, SHOWING CENSUS REGIONS AND DIVISIONS



Source: Department of Commerce, Bureau of the Census.



## 1. Area and Population

This section relates to the population of the United States, its distribution, and its characteristics. The principal source of these data is the Decennial Census of Population, a house-to-house enumeration made by the Bureau of the Census. In accordance with a Constitutional provision for a decennial canvass of the population, the first census enumeration was made in 1790. The primary reason for the Census of Population, as set forth in the Constitution, was to provide a basis for the apportionment of Members of the House of Representatives among the several States. From 1800 to 1900, the census was conducted by the Superintendent of the Census appointed for the duration of each decennial census. In 1902, the Bureau of the Census was established as a permanent agency of the Government charged with responsibility for the decennial census and for compiling statistics on other subjects as needed. Currently, this Bureau supplies intercensal data based on surveys and estimates in addition to making the comprehensive decennial census enumeration.

The data shown here were selected chiefly from the 1940 and 1950 Censuses, and from special Census Bureau reports. Most of the data presented apply to continental United States. Data for Territories and possessions are shown in section 33, although they are also included in certain tables here.

Related materials are presented in other sections of this volume. Thus, statistics of marriage and divorce are presented in section 2, Vital Statistics, Health, and Nutrition; statistics on family income are given in section 11, Income, Expenditures, and Wealth; and Census data on employment and occupations are given in section 8, Labor Force, Employment, and Earnings. Data on the population in institutions are given in this section, but additional data on persons in mental institutions are given in section 2 and on prisoners in section 5, Law Enforcement, Federal Courts, and Prisons. Tables on nativity and citizenship are included in this section, but related data are included in section 3, Immigration, Emigration, and Naturalization.

**Decennial censuses.**—In accordance with Census practice dating back to 1790, each person enumerated in the 1950 Census was counted as an inhabitant of his usual place of residence or usual place of abode, that is, the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile, although, in the vast majority of cases, the use of these different bases of classification would produce identical results.

Most of the data which are presented are based on complete counts. However, certain of the 1950 data are indicated as being obtained from representative samples of 20 percent or 3½ percent of the population. A few tables also include 1940 data obtained on a sample basis.

Exact agreement is not to be expected among the various samples, nor between them and the complete census count, but the sample data may be used with confidence where large numbers are involved, and may be assumed to indicate patterns and relationships where small numbers are involved. Detailed statements regarding the sampling errors are given in the original sources. In addition, experience has shown that in mass operations two tabulations of a set of punch cards are not likely to yield identical results. These differences are caused by occasional errors in the tabulation processes—machine failure, loss of punch cards, and other types.

Note.—This section presents data for the most recent year or period available on February 3, 1955, when the material was organized and sent to the printer. In a few instances, more recent data were added later

**Current Population Survey.**—Several tables present statistics based on the Current Population Survey, conducted monthly by the Bureau of the Census. This survey covers a representative sample of about 25,000 households taken in selected areas throughout the United States. A statement indicating the sampling reliability of estimates based on this sample is given in the Sampling Note, page 183.

The estimating procedures used to obtain the data for the Current Population Survey were changed beginning with the report for January 1953. Further information on this change is given in the Technical Note, page 183.

**Population estimates.**—Population estimates for dates after April 1950, which are not the result of sample surveys, are based on data from the 1950 Census; statistics of births and deaths provided by the National Office of Vital Statistics, United States Public Health Service; statistics of immigration and emigration reported by the Immigration and Naturalization Service, Department of Justice; and statistics on the Armed Forces provided by the Department of Defense. Estimates of State population are based on the same types of data and also make use of school statistics provided by State Departments of Education and parochial school systems throughout the country.

**Urban and rural areas.**—In the course of its history, the Bureau of the Census has employed several definitions of urban area.

According to the new urban-rural definition adopted for the 1950 Census, the urban population comprises all persons living in (1) places of 2,500 inhabitants or more incorporated as cities, boroughs, and villages, (2) incorporated towns of 2,500 inhabitants or more except in New England, New York, and Wisconsin, where "towns" are simply minor civil divisions of counties, (3) the densely settled urban fringe, including both incorporated and unincorporated areas, around cities of 50,000 or more, and (4) unincorporated places of 2,500 inhabitants or more outside any urban fringe. The remaining population is classified as rural.

According to the definition used in 1940, the urban population had been limited to all persons living in incorporated places of 2,500 inhabitants or more and in other areas classified as urban under special rules relating to population size and density. The remaining area of the country was classified as rural. The definition of urban area used in the 1940 Census was adopted substantially as stated above at the time of the 1910 Census.

In this edition, figures by urban and rural residence for all dates prior to the 1950 Census are in accordance with the old definition. Figures for 1950 and subsequent years are in accordance with the new definition unless otherwise stated.

**Farm and nonfarm residence.**—The rural population is divided into the rural-farm population, which comprises all rural residents living on farms, and the rural-nonfarm population, which comprises the remaining rural population. The definition of farm and nonfarm residents used in the 1950 Census differs somewhat from that used in earlier surveys and censuses. Persons on "farms" who were paying cash rent for their house and yard only were classified as nonfarm, as were persons in institutions, summer camps, motels, and tourist camps.

**Household.**—A "household," according to present usage of the Census Bureau, comprises all persons who occupy a dwelling unit, that is, a house, an apartment or other group of rooms, or a room that constitutes "separate living quarters." A household includes the "related persons" (the head of the household and others in the dwelling unit who are related to the head) and also the lodgers and employees, if any, who regularly live in the house. The number of households, thus defined, is the same as the number of "private households" or "families" as used in 1940 Census reports, and approximately the same as the number of "occupied dwelling units" as used in the 1950 Census of Housing. See section 29, Construction and Housing, for definition of dwelling unit. A person living alone or a group of unrelated persons sharing the same dwelling unit as partners is counted as a household.



A quasi-household is a group of persons living in quarters not classified as a dwelling unit, for example, in a house with at least five lodgers, or in a hotel, institution, labor camp, or military barracks.

**Family.**—The term "family," as used here, refers to a group of two or more persons related by blood, marriage, or adoption and residing together, and differs from the meaning of the term as used in the 1930 and 1940 Censuses. A primary family consists of the head of a household and all (one or more) other persons in the household related to the head. A secondary family comprises two or more persons such as guests, lodgers, or resident employees and their relatives, living in a household or quasi-household (other than the negligible number of such groups among inmates of institutions) and related to each other.

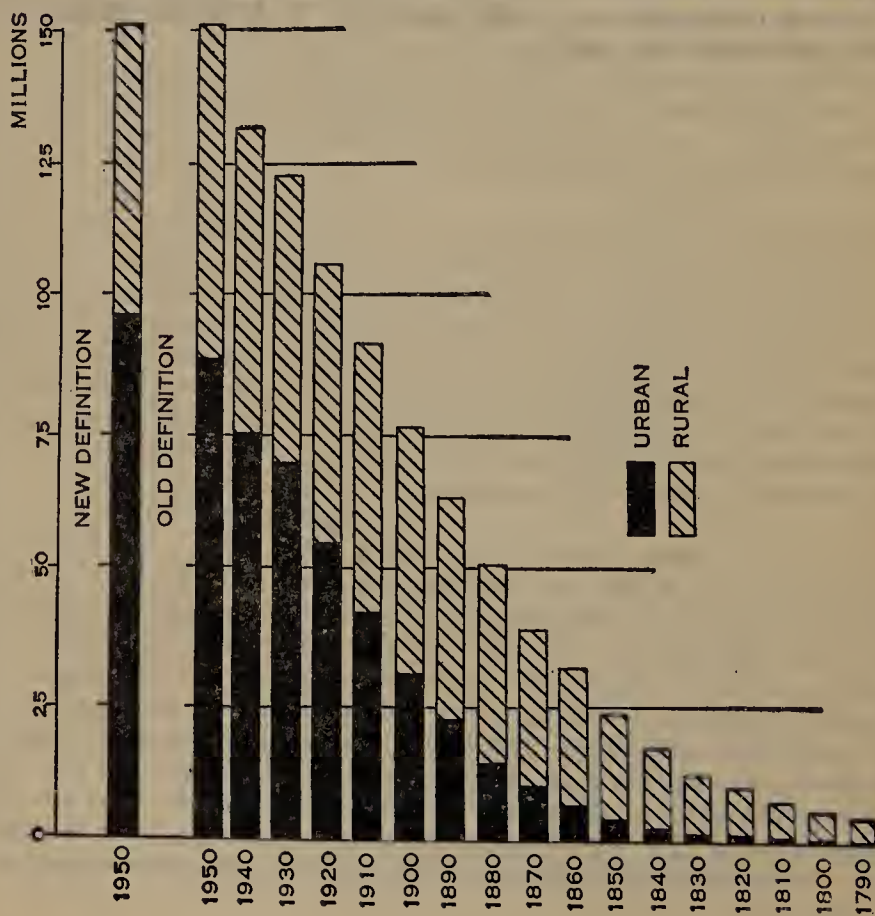
**Subfamily.**—A subfamily is a married couple with or without children, or one parent with one or more children under 18 years old, living in a household and related to, but not including, the head of the household or his wife. Members of a subfamily are also members of the primary family with which they live. The number of subfamilies, therefore, is not included in the number of families.

**Married couple.**—A married couple is defined as a husband and his wife living together.

**Unrelated individuals.**—The term "unrelated individuals" as used here refers to persons (other than inmates of institutions) who are not living with any relatives. A primary individual is a household head living alone or with persons all of whom are unrelated to him. A secondary individual is a person in a household or a quasi-household such as a guest, lodger, or resident employee (excluding inmates of institutions) who is not related to the head or to any other person in the household or quasi-household.

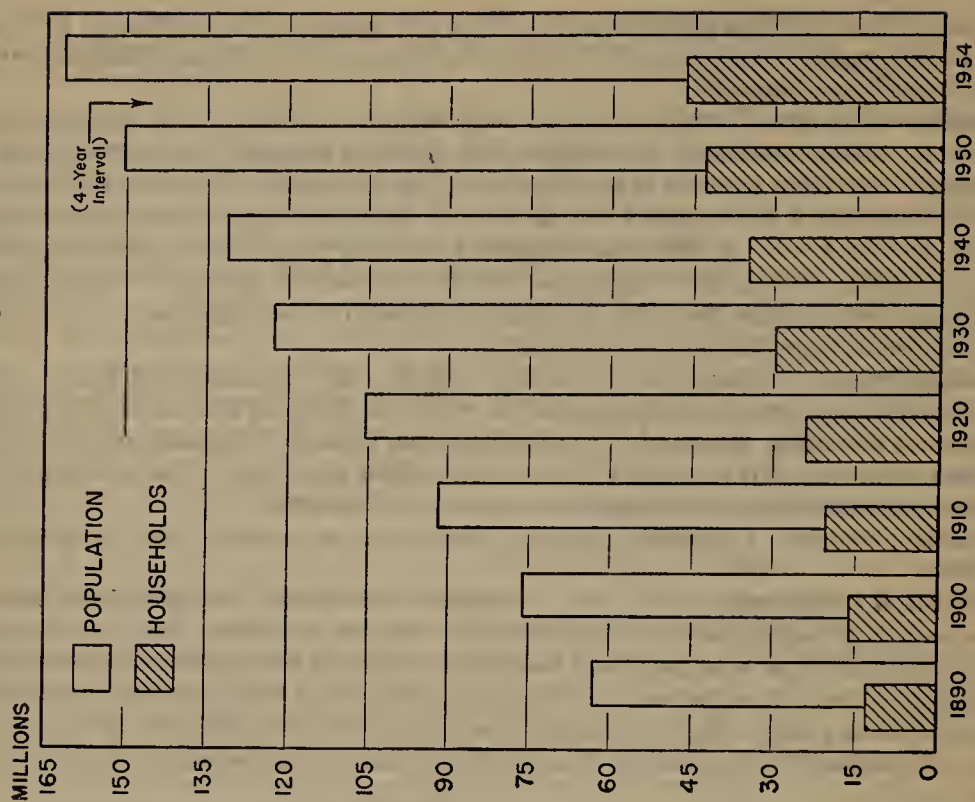
**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series B 24-25") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

FIG. II.—POPULATION, URBAN AND RURAL: 1790 TO 1950  
[See tables 16 and 19. For description of old and new definitions, see p. 2]



Source of figs. II and III: Department of Commerce, Bureau of the Census.

FIG. III.—POPULATION AND HOUSEHOLDS: 1890 TO 1954  
[See tables 2 and 47]



Source of figs. II and III: Department of Commerce, Bureau of the Census.

FIG. IV.—POPULATION BY AGE AND SEX: 1950

[See table 21]

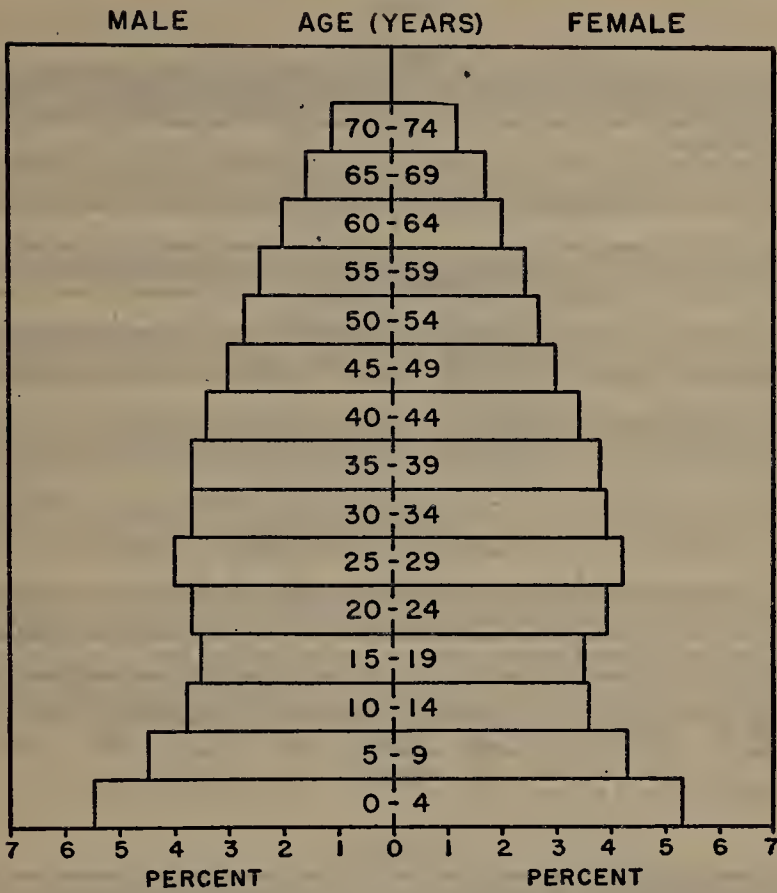
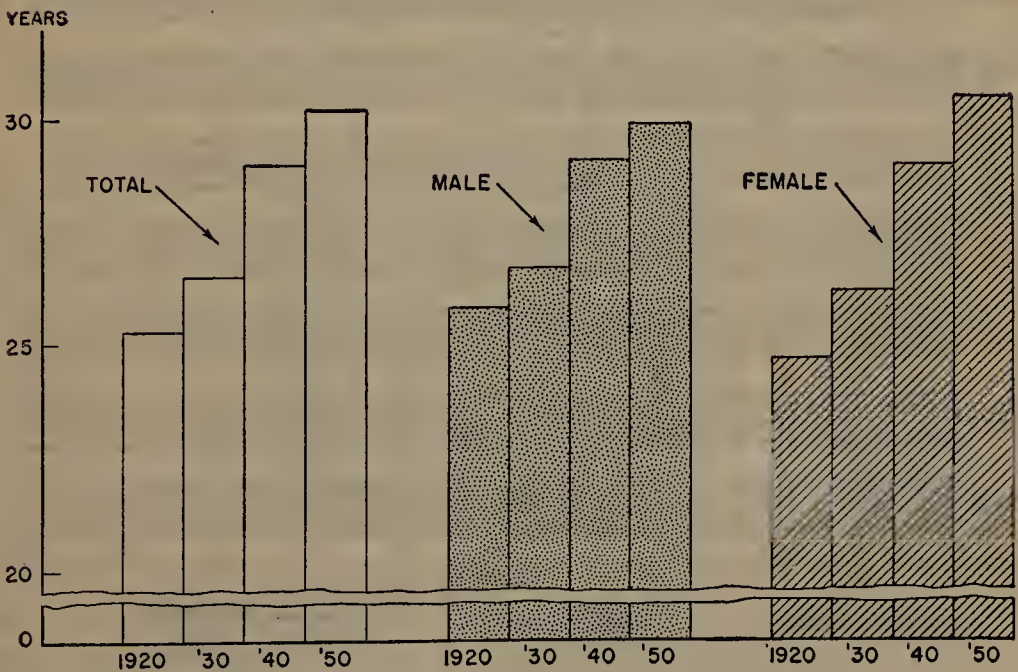


FIG. V.—MEDIAN AGE OF THE POPULATION, BY SEX: 1920 TO 1950

[See table 21]

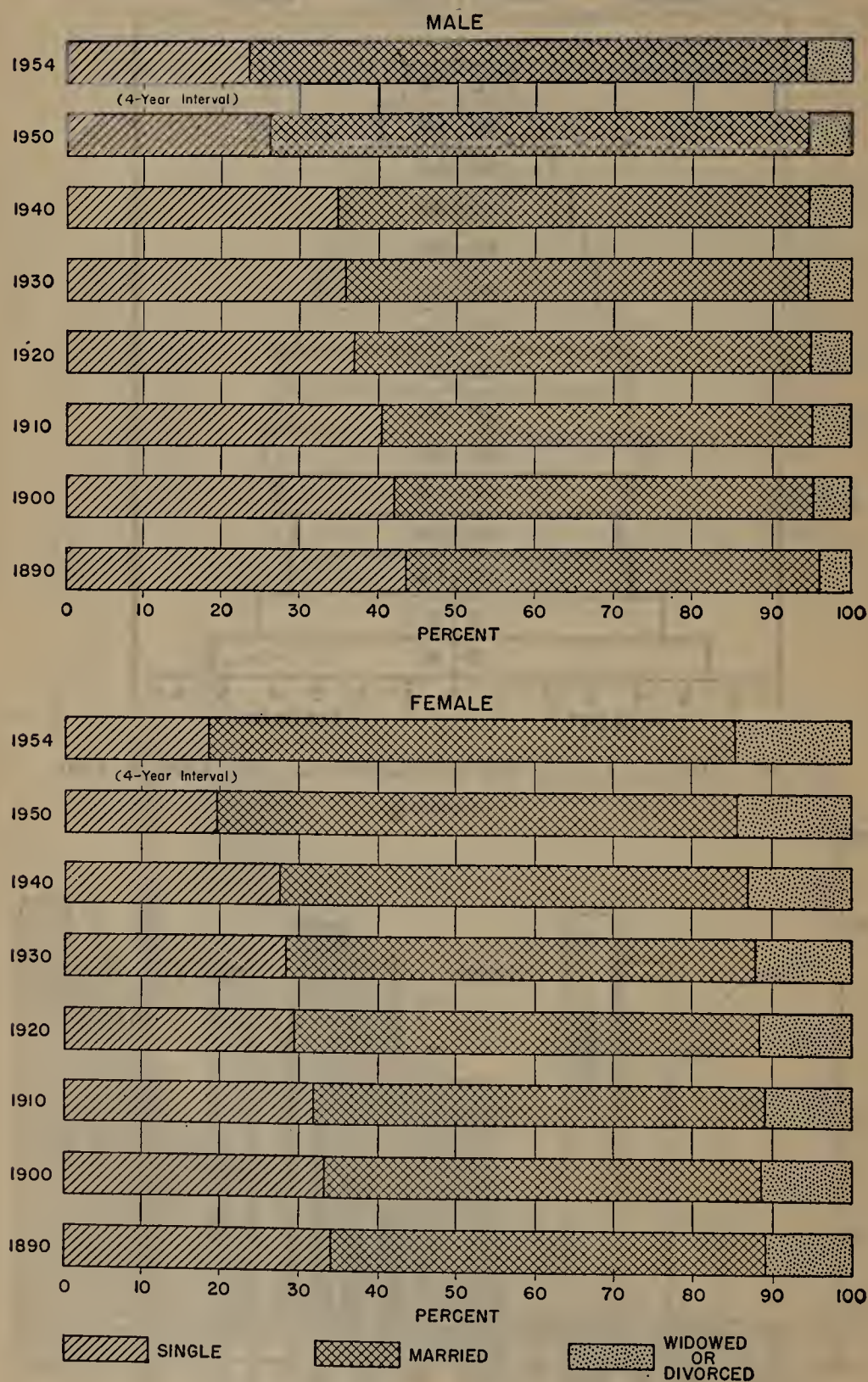


Source of figs. IV and V: Department of Commerce, Bureau of the Census.



FIG. VI.—MARITAL STATUS OF PERSONS 14 YEARS OLD AND OVER, BY SEX: 1890 TO 1954

[See table 44]



Source: Department of Commerce, Bureau of the Census.

# NO. 1.—TERRITORIAL EXPANSION OF CONTINENTAL UNITED STATES AND ACQUISITIONS OF PRINCIPAL TERRITORIES, POSSESSIONS, ETC.

[Boundaries of all territories listed under "Continental United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1940. See also *Historical Statistics*, series B 24-25]

ACCESSION	Date	Gross area (land and water)	ACCESSION	Date	Gross area (land and water)
<b>Total</b> .....		<i>Sq. mi.</i> 3,628,130	<b>Other:</b>		<i>Sq. mi.</i>
Continental United States.....		3,022,387	<i>The Philippines</i> <sup>2</sup> .....	1898	115,600
Territory in 1790 <sup>1</sup> .....		888,811	Puerto Rico.....	1899	3,435
Louisiana Purchase.....	1803	827,192	Guam.....	1899	206
By treaty with Spain:			American Samoa.....	1900	76
Florida.....	1819	58,560	Canal Zone <sup>3</sup> .....	1904	553
Other areas.....	1819	13,443	Corn Islands <sup>4</sup> .....	1914	4
Texas.....	1845	390,144	Virgin Islands of the U. S.....	1917	133
Oregon.....	1846	285,580	Trust Territory of the Pacific Islands <sup>5</sup> .....	1947	8,475
Mexican Cession.....	1848	529,017	All other <sup>6</sup> .....		38
Gadsden Purchase.....	1853	29,640			
Territories.....		592,823			
Alaska.....	1867	586,400			
Hawaii.....	1898	6,423			

<sup>1</sup> Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase.

<sup>2</sup> Not included in total. Ceded by Spain in 1898, the Philippines constituted a territorial possession of the United States from 1898 to 1946. Granted independence as of July 4, 1946, they then became the Republic of the Philippines.

<sup>3</sup> Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

<sup>4</sup> Leased (1914) from Republic of Nicaragua for 99 years. <sup>5</sup> Under trusteeship. See table 3, footnote 17.

<sup>6</sup> Includes following islands with gross areas as indicated: Midway (2), Wake (3), Canton and Enderbury (combined area, 27), Swan (1), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston and Sand (combined area, less than 0.5), Kingman Reef, Quita Sueno Bank, Roncador Cay, and Serrano Bank (each less than 0.5) and other islands specified in table 3, footnote 10, for which area figures are not available.

Source: Department of Commerce, Bureau of the Census; reports and records.

# NO. 2.—AREA AND POPULATION OF CONTINENTAL UNITED STATES: 1790 TO 1950

[See also *Historical Statistics*, series B 26-30]

CENSUS DATE	AREA (square miles) <sup>1</sup>			POPULATION			
	Gross	Land	Water	Number	Per square mile of land area	Increase over preceding census	
						Number	Percent
1790 (Aug. 2).....	888,811	864,746	24,065	3,929,214	4.5		
1800 (Aug. 4).....	888,811	864,746	24,065	5,308,483	6.1	1,379,269	35.1
1810 (Aug. 6).....	1,716,003	1,681,828	34,175	7,239,881	4.3	1,931,398	36.4
1820 (Aug. 7).....	1,788,006	1,749,462	38,544	9,638,453	5.6	2,398,572	33.1
1830 (June 1).....	1,788,006	1,749,462	38,544	12,866,020	7.4	3,227,567	33.5
1840 (June 1).....	1,788,006	1,749,462	38,544	17,069,453	9.8	4,203,433	32.7
1850 (June 1).....	2,992,747	2,940,042	52,705	23,191,876	7.9	6,122,423	35.9
1860 (June 1).....	3,022,387	2,969,640	52,747	31,443,321	10.6	8,251,445	35.6
1870 (June 1).....	3,022,387	2,969,640	52,747	39,818,449	13.4	8,375,128	26.6
1880 (June 1).....	3,022,387	2,969,640	52,747	50,155,783	16.9	10,337,334	26.0
1890 (June 1).....	3,022,387	2,969,640	52,747	62,947,714	21.2	12,791,931	25.5
1900 (June 1).....	3,022,387	2,969,834	52,553	75,994,575	25.6	13,046,861	20.7
1910 (Apr. 15).....	3,022,387	2,969,565	52,822	91,972,266	31.0	15,977,691	21.0
1920 (Jan. 1).....	3,022,387	2,969,451	52,936	105,710,620	35.6	13,738,354	14.9
1930 (Apr. 1).....	3,022,387	2,977,128	45,259	122,775,046	41.2	17,064,426	16.1
1940 (Apr. 1).....	3,022,387	2,977,128	45,259	131,669,275	44.2	8,894,229	7.2
1950 (Apr. 1).....	3,022,387	2,974,726	47,661	150,697,361	50.7	19,028,086	14.5

<sup>1</sup> Area figures for each census year represent all continental area under jurisdiction of United States on indicated date, including in some cases considerable areas not then organized or settled, and not covered by the census. Area figures have been adjusted to bring them into agreement with remeasurements made in 1940.

<sup>2</sup> Revised to include adjustments for under enumeration in Southern States; unrevised number is 38,558,371.

Source: Department of Commerce, Bureau of the Census; Reports of Fourteenth, Fifteenth, Sixteenth, and Seventeenth Censuses, *Population*, Vol. I; and other reports and records. See also Sixteenth Census Reports, *Areas of the United States*, 1940.



# NO. 3.—AREA AND POPULATION OF THE UNITED STATES, TERRITORIES, POSSESSIONS, ETC.: 1930 TO 1950

[Areas within each group are listed in rank order of population in 1950. See also *Historical Statistics*, series B 1-12 and B 25]

AREA	POPULATION			Gross area (land and water), 1950
	1930	1940	1950	
<b>United States (aggregate)</b> -----	1138,439,069	1150,622,754	154,233,234	<i>Sq. mi.</i> 3,623,130
Continental U. S.-----	122,775,046	131,669,275	150,697,361	3,022,387
Territories-----	427,578	495,294	628,437	592,823
Hawaii-----	2 368,300	2 422,770	499,794	6,423
Alaska-----	4 59,278	4 72,524	128,643	586,400
Possessions-----	1,594,525	1,929,902	2,316,922	3,888
Puerto Rico-----	1,543,913	1,869,255	2,210,703	3,435
Guam-----	18,509	22,290	59,498	206
Virgin Islands of the U. S.-----	22,012	24,889	26,665	133
American Samoa-----	10,055	12,908	18,937	76
Midway Islands-----	36	437	416	2
Wake Island-----	( <sup>6</sup> )	-----	349	3
Canton Island and Enderbury Island-----	( <sup>6</sup> )	44	6 272	27
Johnston Island and Sand Island-----	( <sup>6</sup> )	7 69	7 46	( <sup>8</sup> )
Swan Islands-----	( <sup>6</sup> )	( <sup>5</sup> )	9 36	1
Other <sup>10</sup> -----	(11)	12 10	(11)	13 5
Canal Zone <sup>14</sup> -----	39,467	51,827	52,822	553
Corn Islands <sup>16</sup> -----	( <sup>6</sup> )	16 1,523	16 1,304	4
Trust Territory of the Pacific Islands <sup>17</sup> -----	(18)	(18)	19 54,843	20 8,475
Population abroad <sup>21</sup> -----	89,453	118,933	22 481,545	-----
Members of the Armed Forces-----	89,453	118,933	301,595	-----
Civilian citizens employed by the United States Govern- ment-----			26,910	-----
Families of Armed Forces personnel or of civilian citizen employees-----			107,350	-----
Crews of merchant vessels-----	(23)	(23)	45,690	-----

<sup>1</sup> Includes estimated population of the Philippine Islands (1940: 16,356,000; 1930: 13,513,000), not shown separately. Ceded by Spain in 1898, the Philippine Islands constituted a territorial possession of the United States from 1898 to 1946. Granted independence as of July 4, 1946, they then became the Republic of the Philippines.

<sup>2</sup> Excludes inhabitants (36) of Midway Islands which were enumerated with Hawaii in 1930.

<sup>3</sup> Excludes inhabitants (560) of Baker, Canton and Enderbury, Howland, Jarvis, Johnston and Sand, and Midway Islands which were enumerated with Hawaii in 1940.

<sup>4</sup> Census taken as of Oct. 1 of preceding year.

<sup>5</sup> Not enumerated.

<sup>6</sup> Enderbury Island uninhabited at time of enumeration.

<sup>7</sup> Sand Island uninhabited at time of enumeration.

<sup>8</sup> Less than 0.5 square mile.

<sup>9</sup> Little Swan Island uninhabited at time of enumeration.

<sup>10</sup> Includes Caroline, Christmas, Danger (Pukapuka), Flint, Funafuti, Kingman Reef, Malden, Manahiki, Navassa, Nukufetau, Nukulailai, Nurakita, Penrhyn, Quita Sueno Bank, Rakahanga, Roncador Cay, Serrana Bank, Starbuck, Vostok, Phoenix Group (except Canton and Enderbury), and Union (Tokelau) Group, not enumerated in decennial censuses; and Baker, Howland, and Jarvis Islands.

<sup>11</sup> Not enumerated or uninhabited at time of enumeration.

<sup>12</sup> Population of Baker, Howland, and Jarvis Islands. Other islands not enumerated or uninhabited at time of enumeration.

<sup>13</sup> Area figure is for Navassa (area, 2 square miles), and Baker, Howland, and Jarvis (combined area 3 square miles); excludes Kingman Reef, Quita Sueno Bank, Roncador Cay, and Serrana Bank (each less than 0.5 square mile). Area of other islands (listed in footnote 10) not available.

<sup>14</sup> Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

<sup>15</sup> Leased (1914) from the Republic of Nicaragua for 99 years.

<sup>16</sup> Figures are those of the 1950 and 1940 Censuses of the Republic of Nicaragua, May 1950 and 1940. Little Corn Island uninhabited at time of both enumerations.

<sup>17</sup> Under trusteeship with the United States as administering authority. See *Trusteeship Agreement for the Former Japanese Mandated Islands (Documentary Supplement No. 1)* of the Security Council of the United Nations which became effective on July 18, 1947.

<sup>18</sup> Population 1930, 69,626; 1940, 131,258 (Censuses of Japan).

<sup>19</sup> U. S. Department of the Navy. *Report on the Administration of the Trust Territory of the Pacific Islands for the Period July 1, 1949 to June 30, 1950*. Washington, D. C., U. S. Government Printing Office, 1950.

<sup>20</sup> U. S. Department of the Navy. *Handbook on the Trust Territory of the Pacific Islands*. Washington, D. C., U. S. Government Printing Office, 1948.

<sup>21</sup> Excludes United States citizens abroad on private business, travel, etc. Many of these were enumerated in the United States at their usual place of residence as absent members of households.

<sup>22</sup> Based on 20-percent sample of reports received and consequently subject to sampling variability. Chances are about 2 out of 3 that the figure that would have been obtained from a complete count would have differed by less than 1,200 from figure shown here.

<sup>23</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I.



## No. 4.—AREA OF STATES, TERRITORIES, ETC.: 1950

DIVISION AND STATE	AREA (square miles)			DIVISION AND STATE	AREA ((square miles)		
	Gross	Land <sup>1</sup>	Inland water <sup>2</sup>		Gross	Land <sup>1</sup>	Inland water <sup>2</sup>
<b>Continental United States</b> .....	3,022,387	2,974,726	47,661	<b>South Atlantic—Con.</b>			
<b>New England</b> .....	66,608	63,159	3,449	Georgia.....	58,876	58,483	393
Maine.....	33,215	31,040	2,175	Florida.....	58,560	54,262	4,298
New Hampshire.....	9,304	9,017	287	<b>East South Central</b> .....	181,964	179,987	1,977
Vermont.....	9,609	9,278	331	Kentucky.....	40,395	39,864	531
Massachusetts.....	8,257	7,867	390	Tennessee.....	42,244	41,797	447
Rhode Island.....	1,214	1,058	156	Alabama.....	51,609	51,078	531
Connecticut.....	5,009	4,899	110	Mississippi.....	47,716	47,248	468
<b>Middle Atlantic</b> .....	102,745	100,511	2,234	<b>West South Central</b> .....	438,885	430,381	8,504
New York.....	49,576	47,944	1,632	Arkansas.....	53,104	52,675	429
New Jersey.....	7,836	7,522	314	Louisiana.....	48,523	45,162	3,361
Pennsylvania.....	45,333	45,045	288	Oklahoma.....	69,919	69,031	888
<b>East North Central</b> .....	248,283	244,867	3,416	Texas.....	267,339	263,513	3,826
Ohio.....	41,222	41,000	222	<b>Mountain</b> .....	863,887	857,296	6,591
Indiana.....	36,291	36,205	86	Montana.....	147,138	145,878	1,260
Illinois.....	56,400	55,935	465	Idaho.....	82,557	82,769	788
Michigan.....	58,216	57,022	1,194	Wyoming.....	97,914	97,506	408
Wisconsin.....	56,154	54,705	1,449	Colorado.....	104,247	103,922	325
<b>West North Central</b> .....	517,247	510,644	6,603	New Mexico.....	121,666	121,511	155
Minnesota.....	84,068	80,009	4,059	Arizona.....	113,909	113,575	334
Iowa.....	56,290	56,045	245	Utah.....	84,916	82,346	2,570
Missouri.....	69,674	69,226	448	Nevada.....	110,540	109,789	751
North Dakota.....	70,665	70,057	608	<b>Pacific</b> .....	323,866	319,841	4,025
South Dakota.....	77,047	76,536	511	Washington.....	68,192	66,786	1,406
Nebraska.....	77,227	76,663	564	Oregon.....	96,981	96,315	666
Kansas.....	82,276	82,108	168	California.....	158,693	156,740	1,953
<b>South Atlantic</b> .....	278,902	268,040	10,862	<b>Other areas:</b>			
Delaware.....	2,057	1,978	79	Hawaii.....	6,423	6,407	16
Maryland.....	10,577	9,881	696	Alaska.....	586,400	571,065	15,335
Dist. of Columbia.....	69	61	8	Puerto Rico.....	3,435	3,423	12
Virginia.....	40,815	39,893	922	Guam.....	206	203	3
West Virginia.....	24,181	24,080	101	Virgin Isl. of U. S.....	133	132	1
North Carolina.....	52,712	49,097	3,615	American Samoa.....	76	76	---
South Carolina.....	31,055	30,305	750	Canal Zone <sup>3</sup> .....	553	362	191
				Trust Terr. of Pac. <sup>4</sup> .....	8,475	---	---

<sup>1</sup> Dry land and land temporarily or partially covered by water, such as marshland, swamps, and river flood plains; streams, sloughs, estuaries, and canals less than one-eighth of a statute mile in width; and lakes, reservoirs, and ponds less than 40 acres of area.

<sup>2</sup> Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth of a statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water; and islands having less than 40 acres of area. Does not include water surface of the oceans, bays, the Gulf of Mexico, the Great Lakes, Long Island Sound, Puget Sound, and the Straits of Juan de Fuca and Georgia, lying within the jurisdiction of the United States but not defined as inland water.

<sup>3</sup> See table 3, footnote 14.

<sup>4</sup> See table 3, footnote 17.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I, reports, and records.

## No. 5.—POPULATION PER SQUARE MILE, BY STATES: 1800 TO 1950

[For United States, population of continental U. S. has been divided by total land area. For each State or Territory, population at given census has been divided by land area as then constituted. However, 1930 figures are based on revised land areas used for 1940. Areas of Indian reservations, outside Indian Territory, are included in areas of States and Territories for all years; however, populations of reservations were not ascertained and therefore were not taken into account in computing densities prior to 1890]

DIVISION AND STATE	1800	1870	1880	1890	1900	1910	1920	1930 <sup>1</sup>	1940	1950
<b>United States</b> -----	<b>6.1</b>	<b>213.4</b>	<b>16.9</b>	<b>21.2</b>	<b>25.6</b>	<b>30.9</b>	<b>35.5</b>	<b>41.2</b>	<b>44.2</b>	<b>50.7</b>
<b>New England</b> -----	<b>19.9</b>	<b>56.3</b>	<b>64.7</b>	<b>75.8</b>	<b>90.2</b>	<b>105.7</b>	<b>119.4</b>	<b>129.2</b>	<b>133.5</b>	<b>147.5</b>
Maine-----	5.1	21.0	21.7	22.1	23.2	24.8	25.7	25.7	27.3	29.4
New Hampshire-----	20.4	35.2	38.4	41.7	45.6	47.7	49.1	51.6	54.5	59.1
Vermont-----	16.9	36.2	36.4	36.4	37.7	39.0	38.6	38.8	38.7	40.7
Massachusetts-----	52.6	181.3	221.8	278.5	349.0	418.8	479.2	537.4	545.9	596.2
Rhode Island-----	64.8	203.7	259.2	323.8	401.6	508.5	566.4	649.8	674.2	748.5
Connecticut-----	52.1	111.5	129.2	154.8	188.5	231.3	286.4	328.0	348.9	409.7
<b>Middle Atlantic</b> -----	<b>14.0</b>	<b>88.1</b>	<b>105.0</b>	<b>127.1</b>	<b>154.5</b>	<b>193.2</b>	<b>222.6</b>	<b>261.3</b>	<b>274.0</b>	<b>300.1</b>
New York-----	12.4	92.0	106.7	126.0	152.5	191.2	217.9	262.6	281.2	309.3
New Jersey-----	28.1	120.6	150.5	192.3	250.7	337.7	420.0	537.3	553.1	642.8
Pennsylvania-----	13.4	78.6	95.5	117.3	140.6	171.0	194.5	213.8	219.8	233.1
<b>East North Central</b> -----	<b>2</b>	<b>37.2</b>	<b>45.7</b>	<b>54.9</b>	<b>65.2</b>	<b>74.3</b>	<b>87.5</b>	<b>103.2</b>	<b>108.7</b>	<b>124.1</b>
Ohio-----	1.1	65.4	78.5	90.1	102.1	117.0	141.4	161.6	168.0	193.8
Indiana-----	( <sup>3</sup> )	46.8	55.1	61.1	70.1	74.9	81.3	89.4	94.7	108.7
Illinois-----		45.4	55.0	68.3	86.1	100.6	115.7	136.4	141.2	155.8
Michigan-----		20.6	28.5	36.4	42.1	48.9	63.8	84.9	92.2	111.7
Wisconsin-----		19.1	23.8	30.6	37.4	42.2	47.6	53.7	57.3	62.8
<b>West North Central</b> -----	<b>7.6</b>	<b>12.1</b>	<b>17.5</b>	<b>20.3</b>	<b>22.8</b>	<b>24.6</b>	<b>26.0</b>	<b>26.5</b>	<b>27.5</b>	<b>27.5</b>
Minnesota-----	5.4	9.7	16.2	21.7	25.7	29.5	32.0	34.9	37.3	37.3
Iowa-----	21.5	29.2	34.4	40.2	40.0	43.2	44.1	45.3	46.8	46.8
Missouri-----	25.0	31.6	39.0	45.2	47.9	49.5	52.4	54.6	57.1	57.1
North Dakota-----	( <sup>4</sup> )	( <sup>4</sup> )	2.7	4.5	8.2	9.2	9.7	9.2	8.8	8.8
South Dakota-----	( <sup>4</sup> )	( <sup>4</sup> )	4.5	5.2	7.6	8.3	9.1	8.4	8.5	8.5
Nebraska-----	1.6	5.9	13.8	13.9	15.5	16.9	18.0	17.2	17.3	17.3
Kansas-----	4.5	12.2	17.5	18.0	20.7	21.6	22.9	21.9	23.2	23.2
<b>South Atlantic</b> -----	<b>8.6</b>	<b>21.8</b>	<b>28.2</b>	<b>32.9</b>	<b>38.8</b>	<b>45.3</b>	<b>52.0</b>	<b>58.8</b>	<b>66.4</b>	<b>79.0</b>
Delaware-----	32.7	63.6	74.6	85.7	94.0	103.0	113.5	120.5	134.7	160.8
Maryland-----	34.4	78.6	94.0	104.9	119.5	130.3	145.8	165.0	184.2	237.1
Dist. of Columbia-----	156.6	2,270.7	3,062.5	3,972.3	4,645.3	5,517.8	7,292.9	7,981.5	10,870.3	13,150.5
Virginia-----	13.7	30.4	37.6	41.1	46.1	51.2	57.4	60.7	67.1	83.2
West Virginia-----		18.4	25.7	31.8	39.9	50.8	60.9	71.8	79.0	83.3
North Carolina-----	9.8	22.0	28.7	33.2	38.9	45.3	52.5	64.5	72.7	82.7
South Carolina-----	11.3	23.1	32.6	37.7	44.0	49.7	55.2	56.8	62.1	69.9
Georgia-----	1.5	20.2	26.3	31.3	37.7	44.4	49.3	49.7	53.4	58.9
Florida-----		3.4	4.9	7.1	9.6	13.7	17.7	27.1	35.0	51.1
<b>East South Central</b> -----	<b>2.9</b>	<b>24.5</b>	<b>31.1</b>	<b>35.8</b>	<b>42.0</b>	<b>46.8</b>	<b>49.5</b>	<b>54.8</b>	<b>59.7</b>	<b>63.8</b>
Kentucky-----	5.5	32.9	41.0	46.3	53.4	57.0	60.1	65.2	70.9	73.9
Tennessee-----	2.5	30.2	37.0	42.4	48.5	52.4	56.1	62.4	69.5	78.8
Alabama-----		19.4	24.6	29.5	35.7	41.7	45.8	51.8	55.5	59.9
Mississippi-----	.3	17.9	24.4	27.8	33.5	38.8	38.6	42.4	46.1	46.1
<b>West South Central</b> -----	<b>5.6</b>	<b>9.3</b>	<b>11.0</b>	<b>15.2</b>	<b>20.4</b>	<b>23.8</b>	<b>28.3</b>	<b>30.3</b>	<b>33.8</b>	<b>33.8</b>
Arkansas-----	9.2	15.3	21.5	25.0	30.0	33.4	35.2	37.0	36.3	36.3
Louisiana-----	16.0	20.7	24.6	30.4	36.5	39.6	46.5	52.3	59.4	59.4
Oklahoma-----		3.7	11.4	23.9	29.2	34.6	33.7	33.7	32.4	32.4
Texas-----		3.1	6.1	8.5	11.6	14.8	17.8	22.1	24.3	29.3
<b>Mountain</b> -----	<b>.4</b>	<b>.8</b>	<b>1.4</b>	<b>1.9</b>	<b>3.1</b>	<b>3.9</b>	<b>4.3</b>	<b>4.8</b>	<b>5.9</b>	<b>5.9</b>
Montana-----	.1	.3	1.0	1.7	2.6	3.8	3.7	3.8	4.1	4.1
Idaho-----	.2	.4	1.1	1.9	3.9	5.2	5.4	6.3	7.1	7.1
Wyoming-----	.1	.2	.6	.9	1.5	2.0	2.3	2.6	3.0	3.0
Colorado-----	.4	1.9	4.0	5.2	7.7	9.1	10.0	10.8	12.8	12.8
New Mexico-----	.7	1.0	1.3	1.6	2.7	2.9	3.5	4.4	5.6	5.6
Arizona-----	.1	.4	.8	1.1	1.8	2.9	3.8	4.4	6.6	6.6
Utah-----	1.1	1.8	2.6	3.4	4.5	5.5	6.2	6.7	8.4	8.4
Nevada-----	.4	.6	.4	.4	.7	.7	.8	1.0	1.5	1.5
<b>Pacific</b> -----	<b>2.1</b>	<b>3.5</b>	<b>5.9</b>	<b>7.6</b>	<b>13.2</b>	<b>17.5</b>	<b>25.6</b>	<b>30.4</b>	<b>45.3</b>	<b>45.3</b>
Washington-----	.4	1.1	5.3	7.8	17.1	20.3	23.3	25.9	35.6	35.6
Oregon-----	1.0	1.8	3.3	4.3	7.0	8.2	9.9	11.3	15.8	15.8
California-----	3.6	5.5	7.8	9.5	15.3	22.0	36.2	44.1	67.5	67.5

<sup>1</sup> Based on 1940 land-area measurement.

<sup>2</sup> Revised. Census of Southern States considered incomplete, but there has been no revision of State figures.

<sup>3</sup> Less than one-tenth of 1 person per square mile.

<sup>4</sup> Dakota Territory, 0.1 in 1870 and 0.9 in 1880.

<sup>5</sup> Oklahoma and Indian Territory combined. Separate data are as follows: Indian Territory, 5.9 in 1890 and 12.7 in 1900; Oklahoma, 2.0 in 1890 and 10.3 in 1900.

Source: Department of Commerce, Bureau of the Census; Reports of Fourteenth and Sixteenth Censuses, *Population*, Vol. I, and *U. S. Census of Population: 1950*, Vol. I.



No. 6.—CENTER OF POPULATION: 1790 TO 1950

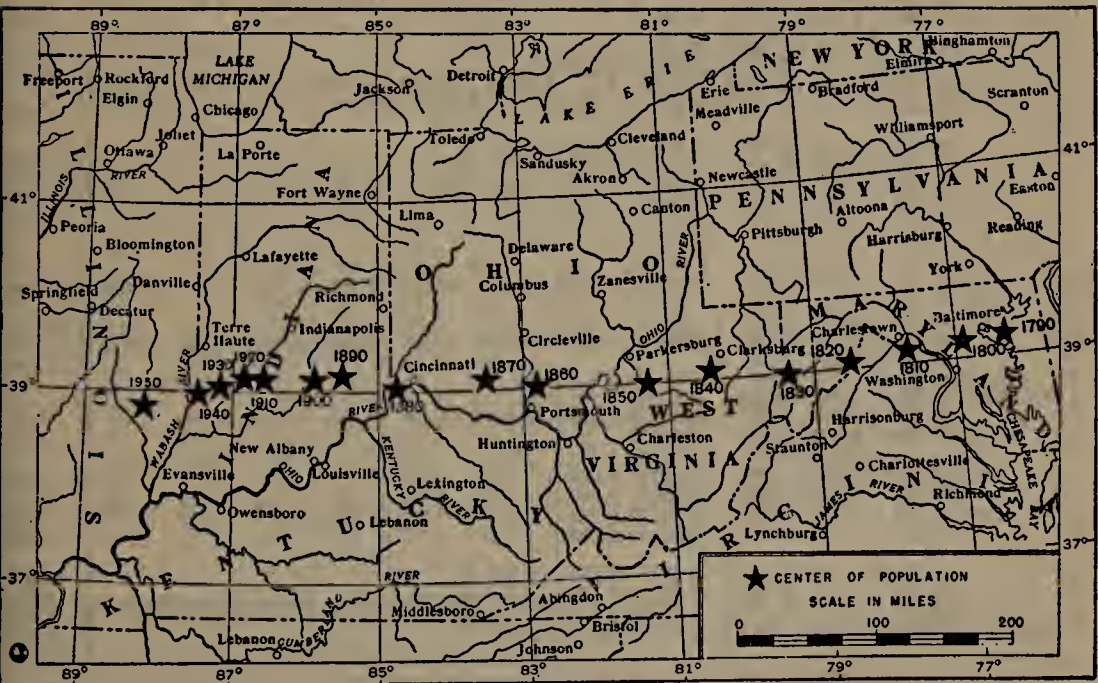
["Center of population" is that point which may be considered as center of population gravity of the U. S. or that point upon which the U. S. would balance, if it were a rigid plane without weight and the population distributed thereon with each individual being assumed to have equal weight and to exert an influence on a central point proportional to his distance from the point]

YEAR	North latitude	West longitude	Approximate location
	° ' "	° ' "	
1790.....	39 16 30	76 11 12	23 miles east of Baltimore, Md.
1800.....	39 16 6	76 56 30	18 miles west of Baltimore, Md.
1810.....	39 11 30	77 37 12	40 miles northwest by west of Washington, D. C. (in Virginia).
1820.....	39 5 42	78 33 0	16 miles east of Moorefield, W. Va. <sup>1</sup>
1830.....	38 57 54	79 16 54	19 miles west-southwest of Moorefield, W. Va. <sup>1</sup>
1840.....	39 2 0	80 18 0	16 miles south of Clarksburg, W. Va. <sup>1</sup>
1850.....	38 59 0	81 19 0	23 miles southeast of Parkersburg, W. Va. <sup>1</sup>
1860.....	39 0 24	82 48 48	20 miles south by east of Chillicothe, Ohio.
1870.....	39 12 0	83 35 42	48 miles east by north of Cincinnati, Ohio.
1880.....	39 4 8	84 39 40	8 miles west by south of Cincinnati, Ohio (in Kentucky).
1890.....	39 11 56	85 32 53	20 miles east of Columbus, Ind.
1900.....	39 9 36	85 43 54	6 miles southeast of Columbus, Ind.
1910.....	39 10 12	86 32 20	In the city of Bloomington, Ind.
1920.....	39 10 21	86 43 15	8 miles south-southeast of Spencer, Owen County, Ind.
1930.....	39 3 45	87 8 6	3 miles northeast of Linton, Greene County, Ind.
1940.....	38 56 54	87 22 35	2 miles southeast by east of Carlisle, Haddon Township, Sullivan County, Ind.
1950.....	38 50 21	88 9 33	8 miles north-northwest of Olney, Richland County, Ill.

<sup>1</sup> West Virginia was set off from Virginia Dec. 31, 1862, and admitted as a State June 19, 1863.  
 Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I.

FIG. VII.—CENTER OF POPULATION: 1790 TO 1950

[See table 6]



Source: Department of Commerce, Bureau of the Census.

NO. 7.—PROJECTIONS OF THE POPULATION INCLUDING ARMED FORCES OVERSEAS,  
BY AGE AND SEX, JULY 1, 1960 TO 1975, WITH ESTIMATES FOR JULY 1, 1950

[In thousands. Series A, B, C, and D imply the following assumptions as to fertility: A.—1950-53 level continues to 1975; B.—1950-53 level continues to 1965, then declines to about the 1940 level by 1975; C.—1950-53 level declines from 1953 to about the 1940 level by 1975; D.—1950-53 level declines from 1953 to about the 1940 level by 1960 and continues at that level to 1975. Figures after the braces relate to persons born before July 1, 1950]

YEAR AND SEX	Total, all ages	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 and over	Under 5 years (ad- justed) <sup>1</sup>
TOTAL												
1950-----	151, 677	16, 312	13, 300	11, 144	10, 680	11, 621	23, 926	21, 569	17, 413	13, 348	12, 364	17, 114
1960:												
A and B-----	177, 426	17, 928	18, 762	17, 183	13, 383	11, 282	22, 650	23, 948	20, 908	15, 681	15, 701	{ 18, 730 17, 568 15, 531
C-----	176, 126	16, 766	18, 624									
D-----	173, 847	14, 729	18, 382									
1965:												
A and B-----	189, 916	18, 884	18, 732	18, 762	17, 197	13, 463	22, 269	24, 061	22, 127	17, 085	17, 336	{ 19, 686 17, 217 14, 276
C-----	186, 146	16, 415	17, 569	18, 624								
D-----	180, 927	13, 474	15, 533	18, 382								
1970:												
A-----	204, 222	21, 351	19, 688	18, 732	18, 777	17, 299	24, 954	22, 580	23, 139	18, 817	18, 885	{ 22, 153 20, 290 17, 972 16, 032
B-----	202, 359	19, 488	19, 688	18, 732	18, 777							
C-----	196, 269	17, 170	17, 218	17, 568	18, 639							
D-----	189, 110	15, 230	14, 277	15, 533	18, 396							
1975:												
A-----	220, 982	24, 452	22, 155	19, 688	18, 747	18, 888	31, 020	22, 207	23, 232	19, 904	20, 689	{ 25, 254 19, 703 18, 843 18, 020
B-----	213, 568	18, 901	20, 292	19, 688	18, 747	18, 888						
C-----	206, 615	18, 041	17, 973	17, 217	17, 582	18, 750						
D-----	198, 632	17, 218	16, 034	14, 277	15, 546	18, 505						
MALE												
1950-----	75, 526	8, 312	6, 768	5, 671	5, 387	5, 768	11, 746	10, 661	8, 688	6, 688	5, 837	8, 748
1960:												
A and B-----	87, 741	9, 147	9, 589	8, 776	6, 796	5, 697	11, 232	11, 710	10, 198	7, 517	7, 079	{ 9, 583 8, 989 7, 947
C-----	87, 076	8, 553	9, 518									
D-----	85, 911	7, 511	9, 395									
1965:												
A and B-----	93, 702	9, 637	9, 580	9, 585	8, 769	6, 796	11, 141	11, 789	10, 703	8, 098	7, 604	{ 10, 073 8, 809 7, 304
C-----	91, 773	8, 373	8, 986	9, 514								
D-----	89, 104	6, 868	7, 945	9, 391								
1970:												
A-----	100, 630	10, 899	10, 070	9, 576	9, 577	8, 769	12, 528	11, 152	11, 165	8, 804	8, 090	{ 11, 335 10, 382 9, 196 8, 203
B-----	99, 677	9, 946	10, 070	9, 576	9, 577							
C-----	96, 562	8, 760	8, 806	8, 982	9, 506							
D-----	92, 902	7, 767	7, 302	7, 942	9, 383							
1975:												
A-----	108, 865	12, 486	11, 332	10, 066	9, 568	9, 577	15, 608	11, 066	11, 230	9, 231	8, 701	{ 12, 922 10, 081 9, 641 9, 220
B-----	105, 071	9, 645	10, 379	10, 066	9, 568	9, 577						
C-----	101, 517	9, 205	9, 193	8, 802	8, 975	9, 506						
D-----	97, 439	8, 784	8, 201	7, 299	7, 936	9, 383						
FEMALE												
1950-----	76, 151	8, 000	6, 532	5, 473	5, 293	5, 853	12, 180	10, 908	8, 725	6, 660	6, 527	8, 366
1960:												
A and B-----	89, 685	8, 781	9, 173	8, 407	6, 587	5, 585	11, 418	12, 238	10, 710	8, 164	8, 622	{ 9, 147 8, 579 7, 584
C-----	89, 050	8, 213	9, 106									
D-----	87, 936	7, 218	8, 987									
1965:												
A and B-----	96, 214	9, 247	9, 152	9, 177	8, 428	6, 667	11, 128	12, 272	11, 424	8, 987	9, 732	{ 9, 613 8, 408 6, 972
C-----	94, 373	8, 042	8, 583	9, 110								
D-----	91, 823	6, 606	7, 588	8, 991								
1970:												
A-----	103, 592	10, 452	9, 618	9, 156	9, 200	8, 530	12, 426	11, 428	11, 974	10, 013	10, 795	{ 10, 818 9, 908 8, 776 7, 829
B-----	102, 632	9, 542	9, 618	9, 156	9, 200							
C-----	99, 707	8, 410	8, 412	8, 586	9, 133							
D-----	96, 208	7, 463	6, 975	7, 591	9, 013							
1975:												
A-----	112, 117	11, 966	10, 823	9, 622	9, 179	9, 311	15, 412	11, 141	12, 002	10, 673	11, 988	{ 12, 332 9, 622 9, 202 8, 800
B-----	108, 497	9, 256	9, 913	9, 622	9, 179	9, 311						
C-----	105, 098	8, 836	8, 780	8, 415	8, 607	9, 244						
D-----	101, 193	8, 434	7, 833	6, 978	7, 610	9, 122						

<sup>1</sup> Figures represent survivors of births of the appropriate years and were used as the base for the projections of 5-to-9-year-olds for later years. Figures in the second column (under 5 years) are comparable to 1950 Census counts of children under 5 years of age. They were obtained by subtracting approximately 802,000 (estimated "net census undercount" of children under 5 years) from the "adjusted" figures in order to make them comparable to 1950 Census counts. A more detailed discussion of this point is given in Bureau of the Census, *Current Population Reports*, Series P-25, No. 101.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 78.



# No. 8.—ESTIMATED POPULATION OF CONTINENTAL UNITED STATES: JULY 1, 1900 TO 1954

[In thousands. Estimates for 1900 to 1909 are sums of State estimates based on local data indicative of population change. Estimates for 1910 to 1954 are based on decennial censuses and statistics of births, deaths, immigration, emigration, and Armed Forces. See also *Historical Statistics*, series C 1]

YEAR	Total population residing in United States	YEAR	Total population residing in United States	YEAR	Total population including Armed Forces overseas	Total population residing in United States	Civilian population	YEAR	Total population including Armed Forces overseas	Total population residing in United States	Civilian population
1900	76,094	1915	100,549	1930	123,188	123,077	122,923	1945	139,928	132,481	127,573
1901	77,585	1916	101,966	1931	124,149	124,040	123,886	1946	141,389	140,054	138,385
1902	79,160	1917 <sup>1</sup>	103,266	1932	124,949	124,840	124,694	1947	144,126	143,446	142,566
1903	80,632	1918 <sup>1</sup>	103,203	1933	125,690	125,579	125,436	1948	146,631	146,093	145,168
1904	82,165	1919 <sup>1</sup>	104,512	1934	126,435	126,374	126,228	1949	149,188	148,665	147,578
1905	83,820	1920	106,466	1935	127,362	127,250	127,099	1950	151,683	151,234	150,202
1906	85,437	1921	108,541	1936	128,181	128,053	127,879	1951	154,360	153,384	151,082
1907	87,000	1922	110,055	1937	128,961	128,825	128,639	1952	157,022	155,755	153,360
1908	88,709	1923	111,950	1938	129,969	129,825	129,635	1953	159,629	158,306	156,039
1909	90,492	1924	114,113	1939	131,028	130,880	130,683	1954	162,414	161,195	159,084
1910	92,407	1925	115,832	1940	132,122	131,954	131,658				
1911	93,868	1926	117,399	1941	133,402	133,121	131,595				
1912	95,331	1927	119,038	1942	134,860	133,920	130,942				
1913	97,227	1928	120,501	1943	136,739	134,245	127,499				
1914	99,118	1929	121,770	1944	138,397	132,885	126,708				

<sup>1</sup> Total population including Armed Forces overseas, 1917, 103,414; 1918, 104,550; 1919, 105,063. Civilian population, 1917, 102,796; 1918, 101,488; 1919, 104,158.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 71 and 105; and reports and records on population estimates.

## No. 9.—FARM POPULATION—NUMBER, PERCENT OF TOTAL POPULATION, AND COMPONENTS OF CHANGE: 1910 TO 1954

[In thousands]

YEAR	Farm population, Apr. 1	Net change: Births and deaths	MIGRATION <sup>1</sup>			Farm population as a percent of total population <sup>2</sup>	YEAR	Farm population, Apr. 1	Net change: Births and deaths	MIGRATION <sup>1</sup>			Farm population as a percent of total population <sup>2</sup>
			Net	To farms	From farms					Net	To farms	From farms	
1910	32,077	(3)	(3)	(3)	(3)	34.9	1937	31,266	375	-661	872	1,533	24.3
1920	31,974	485	-336	560	896	30.1	1938	30,980	405	-545	823	1,368	23.9
1921	32,123	550	-564	759	1,323	29.7	1939	30,840	410	-703	819	1,522	23.6
1922	32,109	518	-1,137	1,115	2,252	29.3	1940	30,547	359	-633	696	1,329	23.2
1923	31,490	494	-807	1,355	2,162	28.2	1941	30,273	385	-1,424	822	2,246	22.7
1924	31,177	500	-487	1,581	2,068	27.5	1942	29,234	422	-2,975	824	3,799	21.7
1925	31,190	491	-702	1,336	2,038	27.0	1943	26,681	377	-1,563	1,095	2,658	19.6
1926	30,979	458	-907	1,427	2,334	26.5	1944	25,495	364	-564	916	1,480	18.5
1927	30,530	475	-457	1,705	2,162	25.7	1945	25,295	324	+864	2,585	1,721	18.1
1928	30,548	454	-422	1,698	2,120	25.4	1946	26,483	490	+151	1,768	1,617	18.8
1929	30,580	426	-477	1,604	2,081	25.2	1947	27,124	465	-1,686	1,016	2,702	18.9
1930	30,529	377	-61	1,985	2,046	24.9	1948	25,903	422	-371	1,171	1,542	17.7
1931	30,845	387	+156	1,918	1,762	24.9	1949	25,954	418	-1,314	995	2,309	17.5
1932	31,388	398	+607	1,826	1,219	25.2	1950	25,058	404	-1,302	597	1,899	16.6
1933	32,393	375	-463	970	1,433	25.8	1951	24,160	394	-271	643	914	15.7
1934	32,305	383	-527	783	1,310	25.6	1952	24,283	392	-1,996	528	2,524	15.5
1935	32,161	375	-799	825	1,624	25.3	1953	22,679	382	-1,171	675	1,846	14.3
1936	31,737	363	-834	719	1,553	24.8	1954	21,890	-----	-----	-----	-----	13.5

<sup>1</sup> For 1940 and subsequent years, includes inductions and enlistments into the Armed Forces, and persons returning from the Armed Forces. For all years includes persons who have not moved but who are in and out of the farm population because agricultural operations have ceased or have begun on the place where they are living.

<sup>2</sup> Includes Armed Forces overseas.

<sup>3</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service; *Farm Population . . . Migration to and from Farms; 1920-1954*, AMS 10.

## No. 10.—ESTIMATED POPULATION, BY STATES: JULY 1, 1945 TO 1954

In thousands. Includes members of Armed Forces stationed in continental United States, but excludes those overseas. Based on data from 1940 and 1950 Federal censuses, State censuses, school statistics, vital statistics, registrations for war ration books, immigration statistics, and data on Armed Forces. For enumerated population, 1790 to 1950, see table 11]

DIVISION AND STATE	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954 <sup>1</sup>
<b>United States</b> .....	132,481	140,054	143,446	146,093	148,665	151,234	153,384	155,755	158,306	161,195
<b>New England</b> .....	8,321	8,839	9,039	9,233	9,379	9,334	9,437	9,479	9,697	9,843
Maine.....	800	832	854	878	903	914	903	889	914	930
New Hampshire.....	459	494	507	520	533	533	533	531	527	532
Vermont.....	315	342	354	359	369	378	374	367	377	385
Massachusetts.....	4,201	4,494	4,580	4,674	4,741	4,700	4,799	4,751	4,900	4,954
Rhode Island.....	776	770	776	787	801	789	787	820	817	824
Connecticut.....	1,769	1,906	1,967	2,014	2,032	2,019	2,041	2,121	2,162	2,219
<b>Middle Atlantic</b> .....	25,746	27,755	28,796	29,557	30,172	30,244	30,432	30,723	31,030	31,463
New York.....	12,495	13,398	13,982	14,497	14,892	14,863	14,931	15,081	15,233	15,433
New Jersey.....	4,108	4,492	4,618	4,774	4,889	4,849	4,952	5,084	5,141	5,250
Pennsylvania.....	9,143	9,866	10,196	10,287	10,390	10,532	10,549	10,559	10,656	10,779
<b>East North Central</b> .....	26,381	28,411	29,151	29,833	30,325	30,574	30,964	31,542	31,879	32,529
Ohio.....	6,916	7,512	7,705	7,876	7,973	7,984	8,080	8,251	8,369	8,554
Indiana.....	3,427	3,702	3,779	3,877	3,958	3,964	4,071	4,189	4,136	4,209
Illinois.....	7,601	8,155	8,341	8,552	8,670	8,752	8,802	8,938	9,003	9,165
Michigan.....	5,475	5,874	6,076	6,213	6,332	6,426	6,544	6,669	6,852	7,024
Wisconsin.....	2,961	3,167	3,250	3,314	3,391	3,447	3,466	3,497	3,518	3,578
<b>West North Central</b> .....	12,427	13,165	13,447	13,604	13,851	14,124	14,189	14,173	14,384	14,579
Minnesota.....	2,537	2,734	2,796	2,868	2,935	2,997	3,002	3,012	3,053	3,103
Iowa.....	2,308	2,467	2,509	2,543	2,578	2,637	2,625	2,602	2,605	2,638
Missouri.....	3,516	3,746	3,845	3,844	3,882	3,963	4,006	3,979	4,096	4,154
North Dakota.....	546	570	578	580	597	621	605	603	621	636
South Dakota.....	579	588	601	612	631	655	655	660	657	667
Nebraska.....	1,211	1,256	1,265	1,265	1,302	1,329	1,346	1,346	1,347	1,366
Kansas.....	1,731	1,805	1,853	1,892	1,925	1,923	1,951	1,971	2,006	2,016
<b>South Atlantic</b> .....	19,210	19,774	20,086	20,199	20,607	21,240	21,643	22,117	22,550	23,035
Delaware.....	286	299	305	312	316	321	328	348	358	367
Maryland.....	2,096	2,214	2,248	2,271	2,329	2,356	2,414	2,539	2,541	2,602
District of Columbia.....	876	899	888	840	807	803	802	821	841	861
Virginia.....	3,193	3,212	3,201	3,207	3,292	3,316	3,438	3,507	3,547	3,588
West Virginia.....	1,708	1,826	1,883	1,899	1,930	2,009	1,975	1,958	1,937	1,947
North Carolina.....	3,533	3,706	3,769	3,837	3,911	4,076	4,113	4,163	4,193	4,250
South Carolina.....	1,934	1,936	1,992	1,996	2,029	2,116	2,164	2,174	2,195	2,238
Georgia.....	3,119	3,242	3,272	3,259	3,325	3,443	3,491	3,510	3,585	3,660
Florida.....	2,465	2,440	2,528	2,578	2,668	2,798	2,919	3,098	3,353	3,524
<b>East South Central</b> .....	10,339	10,810	11,019	11,078	11,169	11,496	11,485	11,441	11,592	11,682
Kentucky.....	2,597	2,761	2,803	2,817	2,849	2,957	2,897	2,948	2,965	2,995
Tennessee.....	2,878	3,074	3,166	3,216	3,236	3,304	3,309	3,247	3,329	3,362
Alabama.....	2,775	2,911	2,942	2,969	3,000	3,059	3,103	3,090	3,114	3,121
Mississippi.....	2,090	2,064	2,107	2,076	2,085	2,175	2,177	2,156	2,183	2,204
<b>West South Central</b> .....	13,045	13,677	13,936	14,137	14,205	14,612	14,995	15,015	15,342	15,571
Arkansas.....	1,762	1,797	1,836	1,825	1,844	1,918	1,897	1,845	1,909	1,910
Louisiana.....	2,429	2,556	2,579	2,596	2,634	2,708	2,774	2,762	2,884	2,924
Oklahoma.....	2,028	2,128	2,133	2,089	2,105	2,236	2,250	2,227	2,251	2,268
Texas.....	6,826	7,197	7,388	7,626	7,623	7,749	8,074	8,180	8,298	8,468
<b>Mountain</b> .....	4,212	4,439	4,568	4,727	4,896	5,092	5,226	5,440	5,564	5,762
Montana.....	477	514	531	542	569	592	588	597	614	628
Idaho.....	507	509	522	551	570	589	588	589	603	615
Wyoming.....	239	254	258	269	277	291	295	306	306	312
Colorado.....	1,116	1,203	1,237	1,263	1,295	1,333	1,373	1,420	1,413	1,456
New Mexico.....	537	561	582	604	644	684	711	735	758	781
Arizona.....	594	616	653	690	714	754	796	870	930	993
Utah.....	591	638	636	653	671	691	708	737	734	757
Nevada.....	149	143	149	156	157	160	167	185	206	218
<b>Pacific</b> .....	12,800	13,185	13,405	13,725	14,062	14,519	15,013	15,825	16,270	16,733
Washington.....	2,206	2,288	2,211	2,255	2,294	2,378	2,421	2,463	2,478	2,540
Oregon.....	1,250	1,338	1,361	1,405	1,431	1,532	1,553	1,604	1,602	1,639
California.....	9,344	9,559	9,832	10,064	10,337	10,609	11,038	11,758	12,190	12,554

<sup>1</sup> Provisional data.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, Nos. 72, 97, and 108.



## No. 11.—POPULATION, BY STATES AND OTHER AREAS: 1790 TO 1950

[Insofar as possible, population shown is that of present area of State. For regional totals, see also *Historical Statistics*, series B 48-71]

STATE OR OTHER AREA	1790	1800	1820	1840	1860	1870	1880
<b>Cont. U. S.</b> -----	3, 929, 214	5, 308, 493	9, 638, 453	<sup>1</sup> 17, 069, 453	31, 443, 321	<sup>2</sup> 39,818, 449	50, 155, 793
<b>Regions:</b>							
Northeast-----	1, 968, 040	2, 635, 576	4, 359, 916	6, 761, 082	10, 594, 268	12, 298, 730	14, 507, 407
North Central-----		51, 006	859, 305	3, 351, 542	9, 096, 716	12, 981, 111	17, 364, 111
South-----	1, 961, 174	2, 621, 901	4, 419, 232	6, 950, 729	11, 133, 361	12, 288, 020	16, 516, 568
West-----					618, 976	990, 510	1, 767, 697
<b>New England</b> -----	1, 009, 408	1, 233, 011	1, 660, 071	2, 234, 822	3, 135, 283	3, 487, 924	4, 010, 529
Maine-----	96, 540	151, 719	298, 335	501, 793	628, 279	626, 915	648, 936
New Hampshire-----	141, 885	183, 858	244, 161	284, 574	326, 073	318, 300	346, 991
Vermont-----	85, 425	154, 465	235, 981	291, 948	315, 098	330, 551	332, 286
Massachusetts-----	378, 787	422, 845	523, 287	737, 699	1, 231, 066	1, 457, 351	1, 783, 085
Rhode Island-----	68, 825	69, 122	83, 059	108, 880	174, 620	217, 353	276, 531
Connecticut-----	237, 946	251, 002	275, 248	309, 978	460, 147	537, 454	622, 700
<b>Middle Atlantic</b> -----	958, 632	1, 402, 565	2, 699, 845	4, 526, 260	7, 458, 985	8, 810, 806	10, 496, 878
New York-----	340, 120	589, 051	1, 372, 812	2, 428, 921	3, 880, 735	4, 382, 759	5, 082, 871
New Jersey-----	184, 139	211, 149	277, 575	373, 306	672, 035	906, 096	1, 131, 116
Pennsylvania-----	434, 373	602, 365	1, 049, 458	1, 724, 033	2, 906, 215	3, 521, 951	4, 282, 891
<b>East North Central</b> -----		51, 006	792, 719	2, 924, 728	6, 926, 884	9, 124, 517	11, 206, 668
Ohio-----		<sup>3</sup> 45, 365	581, 434	1, 519, 467	2, 339, 511	2, 665, 260	3, 198, 062
Indiana-----		<sup>4</sup> 5, 641	147, 178	685, 866	1, 350, 428	1, 680, 637	1, 978, 301
Illinois-----			55, 211	476, 183	1, 711, 951	2, 539, 891	3, 077, 871
Michigan-----			<sup>5</sup> 8, 896	212, 267	749, 113	1, 184, 059	1, 636, 937
Wisconsin-----				<sup>6</sup> 30, 945	775, 881	1, 054, 670	1, 315, 497
<b>West North Central</b> -----			66, 586	426, 814	2, 169, 832	3, 856, 594	6, 157, 443
Minnesota-----					172, 023	439, 706	780, 773
Iowa-----				<sup>7</sup> 43, 112	674, 913	1, 194, 020	1, 624, 615
Missouri-----			66, 586	383, 702	1, 182, 012	1, 721, 295	2, 168, 380
North Dakota-----					<sup>8</sup> 4, 837	2, 405	36, 909
South Dakota-----						11, 776	98, 268
Nebraska-----						122, 993	452, 402
Kansas-----					107, 206	364, 399	996, 096
<b>South Atlantic</b> -----	1, 851, 806	2, 286, 494	3, 061, 063	3, 925, 299	5, 364, 703	5, 853, 610	7, 597, 197
Delaware-----	59, 096	64, 273	72, 749	78, 085	112, 216	125, 015	146, 608
Maryland-----	319, 728	341, 548	407, 350	470, 019	687, 049	780, 894	934, 943
Dist. of Columbia-----		8, 144	23, 336	33, 745	75, 080	131, 700	177, 624
Virginia-----	691, 737	807, 557	938, 261	1, 025, 227	1, 219, 630	1, 225, 163	1, 512, 565
West Virginia-----	55, 873	78, 592	136, 808	224, 537	376, 688	442, 014	618, 457
North Carolina-----	393, 751	478, 103	638, 829	753, 419	992, 622	1, 071, 361	1, 399, 750
South Carolina-----	249, 073	345, 591	502, 741	594, 398	703, 708	705, 606	995, 577
Georgia-----	82, 548	162, 686	340, 989	691, 392	1, 057, 286	1, 184, 109	1, 542, 180
Florida-----				54, 477	140, 424	187, 748	269, 493
<b>East South Central</b> -----	109, 368	335, 407	1, 190, 489	2, 575, 445	4, 020, 991	4, 404, 445	5, 585, 151
Kentucky-----	73, 677	220, 955	564, 317	779, 828	1, 155, 684	1, 321, 011	1, 648, 690
Tennessee-----	35, 691	105, 602	422, 823	829, 210	1, 109, 801	1, 258, 520	1, 542, 359
Alabama-----		<sup>9</sup> 1, 250	127, 901	590, 756	964, 201	996, 992	1, 262, 505
Mississippi-----		<sup>10</sup> 7, 600	75, 448	375, 651	791, 305	827, 922	1, 131, 597
<b>West South Central</b> -----			167, 680	449, 985	1, 747, 667	2, 029, 965	3, 334, 220
Arkansas-----			14, 273	97, 574	435, 450	484, 471	802, 525
Louisiana-----			153, 407	352, 411	708, 002	726, 915	939, 946
Oklahoma-----							
Texas-----					604, 215	818, 579	1, 591, 749
<b>Mountain</b> -----					174, 923	315, 385	653, 119
Montana-----						20, 595	39, 159
Idaho-----						14, 999	32, 610
Wyoming-----						9, 118	20, 789
Colorado-----					34, 277	39, 864	194, 327
New Mexico-----					<sup>11</sup> 93, 516	91, 874	119, 565
Arizona-----						9, 658	40, 440
Utah-----					<sup>12</sup> 40, 273	86, 786	143, 963
Nevada-----					<sup>13</sup> 6, 857	42, 491	62, 266
<b>Pacific</b> -----					444, 053	675, 125	1, 114, 578
Washington-----					11, 594	23, 955	75, 116
Oregon-----					52, 465	90, 923	174, 768
California-----					379, 994	560, 247	864, 694
Alaska-----							33, 426
Hawaii-----					<sup>14</sup> 69, 800		
Puerto Rico-----		<sup>15</sup> 155, 426			<sup>16</sup> 583, 308		

<sup>1</sup> Includes 6,100 persons on public ships in service of the United States, not credited to any region, division, or State.

<sup>2</sup> Revised; unrevised figure is 38,558,371. Census of Southern States considered incomplete but there has been no revision of State figures, hence State and region figures do not add to total shown here.

<sup>3</sup> Population of Territory Northwest of River Ohio.

<sup>4</sup> 1800 includes population (3,124) of those portions of Indiana Territory which were taken to form Michigan and Illinois Territories in 1805 and 1809, respectively, and that portion which was separated in 1816.

<sup>5</sup> Population of Michigan Territory as then constituted; boundaries changed in 1816, 1818, 1834, and 1836.

<sup>6</sup> Includes population of that part of Minnesota northeast of Mississippi River.

<sup>7</sup> Includes population of area constituting that part of Minnesota lying west of Mississippi River and a line drawn from its source northwards to Canadian boundary.

## No. 11.—POPULATION, BY STATES AND OTHER AREAS: 1790 to 1950—Continued

STATE OR OTHER AREA	1890	1900	1910	1920	1930	1940	1950
Cont. U. S.-----	162,947,714	75,994,575 <sup>1</sup>	91,972,266	105,710,620	122,775,046	131,669,275	150,697,361
Regions:							
Northeast-----	17,406,969	21,046,695	25,868,573	29,662,053	34,427,091	35,976,777	39,477,986
North Central-----	22,410,417	26,333,004	29,888,542	34,019,792	38,594,100	40,143,332	44,460,762
South-----	20,028,059	24,523,527	29,389,330	33,125,803	37,857,633	41,665,901	47,197,088
West-----	3,102,269	4,091,349	6,825,821	8,902,972	11,896,222	13,883,265	19,561,525
New England-----	4,700,749	5,592,017	6,552,681	7,400,909	8,166,341	8,437,290	9,314,453
Maine-----	661,086	694,466	742,371	768,014	797,423	847,226	913,774
New Hampshire-----	376,530	411,588	430,572	443,083	465,293	491,524	533,242
Vermont-----	332,422	343,641	355,956	352,428	359,611	359,231	377,747
Massachusetts-----	2,238,947	2,805,346	3,366,416	3,852,356	4,249,614	4,316,721	4,690,514
Rhode Island-----	345,506	428,556	542,610	604,397	687,497	713,346	791,896
Connecticut-----	746,258	908,420	1,114,756	1,380,631	1,606,903	1,709,242	2,007,280
Middle Atlantic-----	12,706,220	15,454,678	19,315,892	22,261,144	26,260,750	27,539,487	30,163,533
New York-----	6,003,174	7,268,894	9,113,614	10,385,227	12,588,066	13,479,142	14,830,192
New Jersey-----	1,444,933	1,883,669	2,537,167	3,155,900	4,041,334	4,160,165	4,835,329
Pennsylvania-----	5,258,113	6,302,115	7,665,111	8,720,017	9,631,350	9,900,180	10,498,012
East North Central-----	13,478,305	15,985,581	18,250,621	21,475,543	25,297,185	26,626,342	30,399,368
Ohio-----	3,672,329	4,157,545	4,767,121	5,759,394	6,646,697	6,907,612	7,946,627
Indiana-----	2,192,404	2,516,462	2,700,876	2,930,390	3,238,503	3,427,796	3,934,224
Illinois-----	3,826,352	4,821,550	5,638,591	6,485,280	7,630,654	7,897,241	8,712,176
Michigan-----	2,093,890	2,420,982	2,810,173	3,668,412	4,842,325	5,256,106	6,371,766
Wisconsin-----	1,693,330	2,069,042	2,333,860	2,632,067	2,939,006	3,137,587	3,434,575
West North Central-----	8,932,112	10,347,423	11,637,921	12,544,249	13,296,915	13,516,990	14,061,394
Minnesota-----	1,310,283	1,751,394	2,075,708	2,387,125	2,563,953	2,792,300	2,982,483
Iowa-----	1,912,297	2,231,853	2,224,771	2,404,021	2,470,939	2,538,268	2,621,073
Missouri-----	2,679,185	3,106,665	3,293,335	3,404,055	3,629,367	3,784,664	3,954,653
North Dakota-----	190,983	319,146	577,056	646,872	680,845	641,935	619,636
South Dakota-----	348,600	401,570	583,888	636,547	692,849	642,961	652,740
Nebraska-----	1,062,656	1,066,300	1,192,214	1,296,372	1,377,963	1,315,834	1,325,510
Kansas-----	1,428,108	1,470,495	1,690,949	1,769,257	1,880,999	1,801,028	1,905,299
South Atlantic-----	8,857,922	10,443,480	12,194,895	13,990,272	15,793,589	17,823,151	21,182,335
Delaware-----	168,493	184,735	202,322	223,003	238,380	266,505	318,085
Maryland-----	1,042,390	1,188,044	1,295,346	1,449,661	1,631,526	1,821,244	2,343,001
Dist. of Columbia-----	230,392	278,718	331,069	437,571	486,869	663,091	802,178
Virginia-----	1,655,980	1,854,184	2,061,612	2,309,187	2,421,851	2,677,773	3,318,680
West Virginia-----	762,794	958,800	1,221,119	1,463,701	1,729,205	1,901,974	2,005,552
North Carolina-----	1,617,949	1,893,810	2,206,287	2,559,123	3,170,276	3,571,623	4,061,929
South Carolina-----	1,151,149	1,340,316	1,515,400	1,683,724	1,738,765	1,899,804	2,117,027
Georgia-----	1,837,353	2,216,331	2,609,121	2,895,832	2,908,506	3,123,723	3,444,578
Florida-----	391,422	528,542	752,619	968,470	1,468,211	1,897,414	2,771,305
East South Central-----	6,429,154	7,547,757	8,409,901	8,893,307	9,887,214	10,778,225	11,477,181
Kentucky-----	1,858,635	2,147,174	2,289,905	2,416,630	2,614,589	2,845,627	2,944,806
Tennessee-----	1,767,518	2,020,616	2,184,789	2,337,885	2,616,556	2,915,841	3,291,718
Alabama-----	1,513,401	1,828,697	2,138,093	2,348,174	2,646,248	2,832,961	3,061,743
Mississippi-----	1,289,600	1,551,270	1,797,114	1,790,618	2,009,821	2,183,796	2,178,914
West South Central-----	4,740,983	6,532,290	8,784,534	10,242,224	12,176,830	13,064,525	14,537,572
Arkansas-----	1,128,211	1,311,564	1,574,449	1,752,204	1,854,482	1,949,387	1,909,511
Louisiana-----	1,118,588	1,381,625	1,656,388	1,798,509	2,101,593	2,368,880	2,683,516
Oklahoma-----	258,657	790,391	1,657,155	2,028,283	2,396,040	2,336,434	2,233,351
Texas-----	2,235,527	3,048,710	3,896,542	4,663,228	5,824,715	6,414,824	7,711,194
Mountain-----	1,213,935	1,674,657	2,633,517	3,336,101	3,701,789	4,150,003	5,074,998
Montana-----	142,924	243,329	376,053	548,889	537,606	559,456	591,024
Idaho-----	88,548	161,772	325,594	431,866	445,032	524,873	588,637
Wyoming-----	62,555	92,531	145,965	194,402	225,565	250,742	290,529
Colorado-----	413,249	539,700	799,024	939,629	1,035,791	1,123,296	1,325,089
New Mexico-----	160,282	195,310	327,301	360,350	423,317	531,818	681,187
Arizona-----	88,243	122,931	204,354	334,162	435,573	499,261	749,587
Utah-----	210,779	276,749	373,351	449,396	507,847	550,310	688,862
Nevada-----	47,355	42,335	81,875	77,407	91,058	110,247	160,083
Pacific-----	1,888,334	2,416,692	4,192,304	5,566,871	8,194,433	9,733,262	14,486,527
Washington-----	357,232	518,103	1,141,990	1,356,621	1,563,396	1,736,191	2,378,963
Oregon-----	317,704	413,536	672,765	783,389	953,786	1,089,684	1,521,341
California-----	1,213,398	1,485,053	2,377,649	3,426,861	5,677,251	6,907,387	10,586,223
Alaska-----	32,052	63,592	64,356	55,036	17 59,278	17 72,524	128,643
Hawaii-----	14 89,990	154,001	191,909	255,912	368,336	423,330	499,794
Puerto Rico-----		18 953,243	1,118,012	1,299,809	1,543,913	1,869,255	2,210,703

<sup>8</sup> Population of Dakota Territory.<sup>9</sup> Population of those parts of Mississippi Territory now in present State.<sup>10</sup> Population of those parts of present State included in Mississippi Territory as then constituted.<sup>11</sup> Includes population of area taken to form part of Arizona Territory in 1863.<sup>12</sup> Population of Utah Territory exclusive of that part of present State of Colorado taken to form Colorado Territory in 1861.<sup>13</sup> Population of Nevada Territory as organized in 1861.<sup>14</sup> Censuses taken under direction of Hawaiian Government.<sup>15</sup> Censuses taken under direction of Spanish Government.<sup>16</sup> Includes population (325,464) of Indian Territory and Indian reservations, specially enumerated.<sup>17</sup> 1930 Census taken as of Oct. 1, 1929; 1940, as of Oct. 1, 1939.<sup>18</sup> Census taken as of Nov. 10, 1899.Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I.



## No. 12.—POPULATION RANK AND DECENNIAL PERCENT INCREASE, FOR STATES: 1890 TO 1950

[Based on population shown in table 11. Minus sign (—) denotes decrease]

DIVISION AND STATE	RANK						PERCENT INCREASE					
	1900	1910	1920	1930	1940	1950	1890 to 1900	1900 to 1910	1910 to 1920	1920 to 1930	1930 to 1940	1940 to 1950
United States.....							20.7	21.0	14.9	16.1	7.2	14.5
New England.....							19.0	17.2	12.9	10.3	3.3	10.4
Maine.....							5.0	6.9	3.5	3.8	6.2	7.9
New Hampshire.....	37	39	41	42	45	45	9.3	4.6	2.9	5.0	5.6	8.5
Vermont.....	39	42	45	46	46	46	3.4	3.6	—1.0	2.0	—1.1	5.2
Massachusetts.....	7	6	6	8	8	9	25.3	20.0	14.4	10.3	1.6	8.7
Rhode Island.....	35	38	38	37	36	37	24.0	26.6	11.4	13.7	3.8	11.0
Connecticut.....	29	31	29	29	31	28	21.7	22.7	23.9	16.4	6.4	17.4
Middle Atlantic.....							21.6	25.0	15.2	18.0	4.9	9.5
New York.....	1	1	1	1	1	1	21.1	25.4	14.0	21.2	7.1	10.0
New Jersey.....	16	11	10	9	9	8	30.4	34.7	24.4	28.1	2.9	16.2
Pennsylvania.....	2	2	2	2	2	3	19.9	21.6	13.8	10.5	2.8	6.0
East North Central.....							18.6	14.2	17.7	17.8	5.3	14.2
Ohio.....	4	4	4	4	4	5	13.2	14.7	20.8	15.4	3.9	15.0
Indiana.....	8	9	11	11	12	12	14.8	7.3	8.5	10.5	5.8	14.8
Illinois.....	3	3	3	3	3	4	26.0	16.9	15.0	17.7	3.5	10.3
Michigan.....	9	8	7	7	7	7	15.6	16.1	30.5	32.0	8.5	21.2
Wisconsin.....	13	13	13	13	13	14	22.2	12.8	12.8	11.7	6.8	9.5
West North Central.....							15.8	12.5	7.8	6.0	1.7	4.0
Minnesota.....	19	19	17	18	18	18	33.7	18.5	15.0	7.4	8.9	6.8
Iowa.....	10	15	16	19	20	22	16.7	—3	8.1	2.8	2.7	3.3
Missouri.....	5	7	9	10	10	11	16.0	6.0	3.4	6.6	4.3	4.5
North Dakota.....	40	37	36	38	39	42	67.1	80.8	12.1	5.3	—5.7	—3.5
South Dakota.....	38	36	37	36	38	41	15.2	45.4	9.0	8.8	—7.2	1.5
Nebraska.....	27	29	31	32	32	33	3	11.8	8.7	6.3	—4.5	.7
Kansas.....	22	22	24	24	29	31	3.0	15.0	4.6	6.3	—4.3	5.8
South Atlantic.....							17.9	16.8	14.7	12.9	12.9	18.8
Delaware.....	45	47	47	47	47	47	9.6	9.5	10.2	6.9	11.8	19.4
Maryland.....	26	27	28	28	28	24	14.0	9.0	11.9	12.5	11.6	28.6
Dist. of Columbia.....	41	43	42	41	37	36	21.0	18.8	32.2	11.3	36.2	21.0
Virginia.....	17	20	20	20	19	15	12.0	11.2	12.0	4.9	10.6	23.9
West Virginia.....	28	28	27	27	25	29	25.7	27.4	19.9	18.1	10.0	5.4
North Carolina.....	15	16	14	12	11	10	17.1	16.5	16.0	23.9	12.7	13.7
South Carolina.....	24	26	26	26	26	27	16.4	13.1	11.1	3.3	9.3	11.4
Georgia.....	11	10	12	14	14	13	20.6	17.7	11.0	.4	7.4	10.3
Florida.....	33	33	32	31	27	20	35.0	42.4	28.7	51.6	29.2	46.1
East South Central.....							17.4	11.4	5.7	11.2	9.0	6.5
Kentucky.....	12	14	15	17	16	19	15.5	6.6	5.5	8.2	8.8	3.5
Tennessee.....	14	17	19	16	15	16	14.3	8.1	7.0	11.9	11.4	12.9
Alabama.....	18	18	18	15	17	17	20.8	16.9	9.8	12.7	7.1	8.1
Mississippi.....	20	21	23	23	23	26	20.3	15.8	—4	12.2	8.7	—2
West South Central.....							37.8	34.5	16.6	18.9	7.3	11.3
Arkansas.....	25	25	25	25	24	30	16.3	20.0	11.3	5.8	5.1	—2.0
Louisiana.....	23	24	22	22	21	21	23.5	19.9	8.6	16.9	12.5	13.5
Oklahoma.....	30	23	21	21	22	25	205.6	109.7	22.4	18.1	—2.5	—4.4
Texas.....	6	5	5	5	6	6	36.4	27.8	19.7	24.9	10.1	20.2
Mountain.....							38.0	57.3	26.7	11.0	12.1	22.3
Montana.....	43	40	39	39	40	43	70.3	54.5	46.0	—2.1	4.1	5.6
Idaho.....	46	45	43	43	43	44	82.7	101.3	32.6	3.0	17.9	12.1
Wyoming.....	48	48	48	48	48	48	47.9	57.7	33.2	16.0	11.2	15.9
Colorado.....	32	32	33	33	33	34	30.6	48.0	17.6	10.2	8.4	18.0
New Mexico.....	44	44	44	45	42	40	21.9	67.6	10.1	17.5	25.6	28.1
Arizona.....	47	46	46	44	44	38	39.3	66.2	63.5	30.3	14.6	50.1
Utah.....	42	41	40	40	41	39	31.3	34.9	20.4	13.0	8.4	25.2
Nevada.....	49	49	49	49	49	49	—10.6	93.4	—5.5	17.6	21.1	45.2
Pacific.....							28.0	73.5	32.8	47.2	18.8	48.8
Washington.....	34	30	30	30	30	23	45.0	120.4	18.8	15.2	11.1	37.0
Oregon.....	36	35	34	34	34	32	30.2	62.7	16.4	21.8	14.2	39.6
California.....	21	12	8	6	5	2	22.4	60.1	44.1	65.7	21.7	53.3

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I.

## No. 13.—POPULATION OF STANDARD METROPOLITAN AREAS: 1940 AND 1950

[Minus sign (—) denotes decrease. A standard metropolitan area is a county or group of contiguous counties (except in New England) which contains at least one city of 50,000 inhabitants or more in 1950 or subsequently. In addition to the county, or counties, containing such a city, or cities, contiguous counties are included in a standard metropolitan area if according to certain criteria they are essentially metropolitan in character and sufficiently integrated with the central city. In New England, standard metropolitan areas have been defined on a town rather than on a county basis. This list of areas is based on "Standard Metropolitan Area Definitions" issued by the Executive Office of the President, Bureau of the Budget, on June 8, 1954. For detailed explanation of standard metropolitan area concept and data for geographic components of each area, see source and *County and City Data Book, 1952*, a supplement to the *Statistical Abstract*]

STANDARD METROPOLITAN AREA	1940, Apr. 1	1950, Apr. 1	Percent increase, 1940 to 1950	STANDARD METROPOLITAN AREA	1940, Apr. 1	1950, Apr. 1	Percent increase, 1940 to 1950
CONTINENTAL UNITED STATES				CONTINENTAL UNITED STATES—continued			
Total, 172 areas.....	69,699,078	85,130,847	22.1	Galveston (Tex.) area.....	81,173	113,066	39.3
Akron (Ohio) area.....	339,405	410,032	20.8	Grand Rapids (Mich.) area.....	246,338	288,292	17.0
Albany-Schenectady-Troy (N. Y.) area.....	465,643	514,490	10.5	Green Bay (Wis.) area.....	83,109	98,314	18.3
Albuquerque (N. Mex.) area.....	69,391	145,673	109.9	Greensboro-High Point (N. C.) area.....	153,916	191,057	24.1
Allentown-Bethlehem-Easton (Pa.) area.....	396,673	437,824	10.4	Greenville (S. C.) area.....	136,580	168,152	23.1
Altoona (Pa.) area.....	140,358	139,514	— .6	Hamilton-Middleton (Ohio) area.....	120,249	147,203	22.4
Amarillo (Tex.) area.....	61,450	87,140	41.8	Hampton-Newport News-Warwick (Va.) area.....	84,496	143,227	69.5
Asheville (N. C.) area.....	108,755	124,403	14.4	Harrishurg (Pa.) area.....	252,216	292,241	15.9
Atlanta (Ga.) area.....	518,100	671,797	29.7	Hartford (Conn.) area.....	295,613	358,081	21.1
Atlantic City (N. J.) area.....	124,066	132,399	6.7	Houston (Tex.) area.....	528,961	806,701	52.5
Augusta (Ga.) area.....	131,779	162,013	22.9	Huntington (W. Va.)-Ashland (Ky.) area.....	225,668	245,795	8.9
Austin (Tex.) area.....	111,053	160,980	45.0	Indianapolis (Ind.) area.....	460,926	551,777	19.7
Baltimore (Md.) area.....	1,083,300	1,337,373	23.5	Jackson (Mich.) area.....	93,108	107,925	15.9
Baton Rouge (La.) area.....	88,415	158,236	79.0	Jackson (Miss.) area.....	107,273	142,164	32.5
Bay City (Mich.) area.....	74,981	88,461	18.0	Jacksonville (Fla.) area.....	210,143	304,029	44.7
Beaumont-Port Arthur (Tex.) area.....	145,329	195,083	34.2	Johnstown (Pa.) area.....	298,416	291,354	— 2.4
Binghamton (N. Y.) area.....	165,749	184,698	11.4	Kalamazoo (Mich.) area.....	100,085	126,707	26.6
Birmingham (Ala.) area.....	459,930	558,928	21.5	Kansas City (Mo.) area.....	686,643	814,357	18.6
Boston (Mass.) area.....	2,177,621	2,369,986	8.8	Kenosha (Wis.) area.....	63,505	75,238	18.5
Bridgeport (Conn.) area.....	212,569	258,137	21.4	Knoxville (Tenn.) area.....	246,088	337,105	37.0
Brockton (Mass.) area.....	119,310	129,428	8.5	Lancaster (Pa.) area.....	212,504	234,717	10.5
Buffalo (N. Y.) area.....	958,487	1,089,230	13.6	Lansing (Mich.) area.....	130,616	172,941	32.4
Canton (Ohio) area.....	234,887	283,194	20.6	Laredo (Tex.) area.....	45,916	56,141	22.3
Cedar Rapids (Iowa) area.....	89,142	104,274	17.0	Lawrence (Mass.) area.....	124,849	125,935	.9
Charleston (S. C.) area.....	121,105	164,856	36.1	Lexington (Ky.) area.....	78,899	100,746	27.7
Charleston (W. Va.) area.....	276,247	322,072	16.6	Lima (Ohio) area.....	73,303	88,183	20.3
Charlotte (N. C.) area.....	151,826	197,052	29.8	Lincoln (Nehr.) area.....	100,585	119,742	19.0
Chattanooga (Tenn.) area.....	211,602	246,453	16.5	Little Rock-North Little Rock (Ark.) area.....	156,085	196,685	26.0
Chicago (Ill.) area.....	4,825,527	5,495,364	13.9	Lorain-Elyria (Ohio) area.....	112,390	148,162	31.8
Cincinnati (Ohio) area.....	787,044	904,402	14.9	Los Angeles (Calif.) area.....	2,916,403	4,367,911	49.8
Cleveland (Ohio) area.....	1,267,270	1,465,511	15.6	Louisville (Ky.) area.....	451,473	576,900	27.8
Columbia (S. C.) area.....	104,843	142,565	36.0	Lowell (Mass.) area.....	130,999	133,928	2.2
Columbus (Ga.) area.....	126,407	170,541	34.9	Lubbock (Tex.) area.....	51,782	101,048	95.1
Columbus (Ohio) area.....	388,712	503,410	29.5	Macon (Ga.) area.....	95,086	135,043	42.0
Corpus Christi (Tex.) area.....	92,661	165,471	78.6	Madison (Wis.) area.....	130,660	169,357	29.6
Dallas (Tex.) area.....	398,564	614,799	54.3	Manchester (N. H.) area.....	81,932	88,370	7.9
Davenport (Iowa)-Rock Island-Moline (Ill.) area.....	198,071	234,256	18.3	Memphis (Tenn.) area.....	358,250	482,393	34.7
Dayton (Ohio) area.....	331,343	457,333	38.0	Miami (Fla.) area.....	267,739	495,084	84.9
Decatur (Ill.) area.....	84,693	98,853	16.7	Milwaukee (Wis.) area.....	766,885	871,047	13.6
Denver (Colo.) area.....	407,768	563,832	38.3	Minneapolis-St. Paul (Minn.) area.....	940,937	1,116,509	18.7
Des Moines (Iowa) area.....	195,875	226,010	15.4	Mohile (Ala.) area.....	141,974	231,105	62.8
Detroit (Mich.) area.....	2,377,329	3,016,197	26.9	Montgomery (Ala.) area.....	114,420	138,965	21.5
Dubuque (Iowa) area.....	63,768	71,337	11.9	Muncie (Ind.) area.....	74,963	90,252	20.4
Duluth (Minn.)-Superior (Wis.) area.....	254,036	252,777	— .5	Nashville (Tenn.) area.....	257,267	321,758	25.1
Durham (N. C.) area.....	80,244	101,639	26.7	New Bedford (Mass.) area.....	134,435	137,469	2.3
El Paso (Tex.) area.....	131,067	194,968	48.8	New Britain-Bristol (Conn.) area.....	126,709	146,983	16.0
Erie (Pa.) area.....	180,889	219,388	21.3	New Haven (Conn.) area.....	240,750	264,622	9.9
Evansville (Ind.) area.....	130,783	160,422	22.7	New Orleans (La.) area.....	552,244	685,405	24.1
Fall River (Mass.) area.....	135,137	137,298	1.6	New York-Northeastern New Jersey area.....	11,660,839	12,911,994	10.7
Flint (Mich.) area.....	227,944	270,963	18.9	Norfolk-Portsmouth (Va.) area.....	258,927	446,200	72.3
Fort Smith (Ark.) area.....	62,809	64,202	2.2	Ogden (Utah) area.....	56,714	83,319	46.9
Fort Wayne (Ind.) area.....	155,084	183,722	18.5	Oklahoma City (Okla.) area.....	244,159	325,352	33.3
Fort Worth (Tex.) area.....	225,521	361,253	60.2				
Fresno (Calif.) area.....	178,565	276,515	54.9				
Gadsden (Ala.) area.....	72,580	93,892	29.4				



## METROPOLITAN AREAS

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## No. 13.—POPULATION OF STANDARD METROPOLITAN AREAS: 1940 AND 1950—Continued

[Minus sign (—) denotes decrease]

STANDARD METROPOLITAN AREA	1940, Apr. 1	1950, Apr. 1	Per- cent in- crease, 1940 to 1950	STANDARD METROPOLITAN AREA	1940, Apr. 1	1950, Apr. 1	Per- cent in- crease, 1940 to 1950
CONTINENTAL UNITED STATES—continued				CONTINENTAL UNITED STATES—continued			
Omaha (Nebr.) area	325,153	366,395	12.7	Springfield (Ohio) area	95,647	111,661	16.7
Orlando (Fla.) area	70,074	114,950	64.0	Springfield-Holyoke (Mass.) area	364,680	407,255	11.7
Peoria (Ill.) area	211,736	250,512	18.3	Stamford-Norwalk (Conn.) area	160,274	196,023	22.3
Philadelphia (Pa.) area	3,199,637	3,671,048	14.7	Stockton (Calif.) area	134,207	200,750	49.6
Phoenix (Ariz.) area	186,193	331,770	78.2	Syracuse (N. Y.) area	295,108	341,719	15.8
Pittsburgh (Pa.) area	2,082,556	2,213,236	6.3	Tacoma (Wash.) area	182,081	275,876	51.5
Pittsfield (Mass.) area	60,996	66,567	9.1	Tampa-St. Petersburg (Fla.) area	272,000	409,143	50.4
Portland (Maine) area	106,566	119,942	12.6	Terre Haute (Ind.) area	99,709	105,160	5.5
Portland (Oreg.) area	501,275	704,829	40.6	Toledo (Ohio) area	344,333	395,551	14.9
Providence (R. I.) area	676,766	737,203	8.9	Topeka (Kans.) area	91,247	105,418	15.5
Pueblo (Colo.) area	68,870	90,188	31.0	Trenton (N. J.) area	197,318	229,781	16.5
Racine (Wis.) area	94,047	109,585	16.5	Tucson (Ariz.) area	72,838	141,216	93.9
Raleigh (N. C.) area	109,544	136,450	24.6	Tulsa (Okla.) area	193,363	251,686	30.2
Reading (Pa.) area	241,884	255,740	5.7	Utica-Rome (N. Y.) area	263,163	284,262	8.0
Richmond (Va.) area	262,991	328,050	24.7	Waco (Tex.) area	101,898	130,194	27.8
Roanoke (Va.) area	112,184	133,407	18.9	Washington (D. C.) area	967,985	1,464,089	51.3
Rochester (N. Y.) area	438,230	487,632	11.3	Waterbury (Conn.) area	138,779	154,656	11.4
Rockford (Ill.) area	121,178	152,385	25.8	Waterloo (Iowa) area	79,946	100,448	25.6
Sacramento (Calif.) area	170,333	277,140	62.7	Wheeling (W. Va.)-Steubenville (Ohio) area	364,132	354,092	-2.8
Saginaw (Mich.) area	130,468	153,515	17.7	Wichita (Kans.) area	143,311	222,290	55.1
St. Joseph (Mo.) area	94,067	96,826	2.9	Wichita Falls (Tex.) area	73,604	98,493	33.8
St. Louis (Mo.) area	1,432,088	1,681,281	17.4	Wilkes-Barre-Hazleton (Pa.) area	441,518	392,241	-11.2
Salt Lake (Utah) area	211,623	274,895	29.9	Wilmington (Del.) area	221,836	268,387	21.0
San Angelo (Tex.) area	39,302	58,929	49.9	Winston-Salem (N. C.) area	128,475	146,135	15.5
San Antonio (Tex.) area	338,176	500,460	48.0	Worcester (Mass.) area	252,752	276,336	9.3
San Bernardino-Riverside-Ontario (Calif.) area	266,632	451,688	69.4	York (Pa.) area	178,022	202,737	13.9
San Diego (Calif.) area	289,348	556,808	92.4	Youngstown (Ohio) area	473,605	528,498	11.6
San Francisco-Oakland (Calif.) area	1,461,804	2,240,767	53.3	HAWAII			
San Jose (Calif.) area	174,949	290,547	66.1	Honolulu area	258,256	353,020	36.7
Savannah (Ga.) area	117,970	151,481	28.4	PUERTO RICO			
Scranton (Pa.) area	301,243	257,396	-14.6	Mayaguez area	76,487	87,307	14.1
Seattle (Wash.) area	504,980	732,992	45.2	Ponce area	105,116	126,810	20.6
Shreveport (La.) area	183,365	216,686	18.2	San Juan area	234,475	321,752	37.2
Sioux City (Iowa) area	103,627	103,917	.3				
Sioux Falls (S. Dak.) area	57,697	70,910	22.9				
South Bend (Ind.) area	161,823	205,058	26.7				
Spokane (Wash.) area	164,652	221,561	34.6				
Springfield (Ill.) area	117,912	131,484	11.5				
Springfield (Mo.) area	90,541	104,823	15.8				

Source: Department of Commerce, Bureau of Census; U. S. Census of Population: 1950, Vol. I, and records.

# NO. 14.—POPULATION OF CITIES HAVING 50,000 INHABITANTS OR MORE IN 1950: 1890 TO 1950

[Increase from census to census includes that due to annexation of territory as well as to direct growth]

CITY	1890	1900	1910	1920	1930	1940	1950	
							Popula- tion	Rank order
Akron, Ohio.....	27,601	42,728	69,067	208,435	255,040	244,791	274,605	39
Alameda, Calif.....	11,165	16,464	23,383	23,806	35,033	36,256	64,430	184
Albany, N. Y.....	94,923	94,151	100,253	113,344	127,412	130,577	134,995	68
Albuquerque, N. Mex.....	3,785	6,238	11,020	15,157	26,570	35,449	96,815	112
Alexandria, Va.....	14,339	14,528	15,329	18,060	24,149	33,523	61,787	192
Alhambra, Calif.....			5,021	9,096	29,472	38,935	51,359	224
Allentown, Pa.....	25,228	35,416	51,913	73,502	92,563	96,904	106,756	99
Altoona, Pa.....	30,337	38,973	52,127	60,331	82,054	80,214	77,177	150
Amarillo, Tex.....	482	1,442	9,957	15,494	43,132	51,686	74,246	155
Asheville, N. C.....	10,235	14,694	18,762	28,504	50,193	51,310	53,000	215
Atlanta, Ga.....	65,533	89,872	154,839	200,616	270,366	302,288	331,314	33
Atlantic City, N. J.....	13,055	27,838	46,150	50,707	66,198	64,094	61,657	193
Augusta, Ga.....	33,300	39,441	41,040	52,548	60,342	65,919	71,508	165
Aurora, Ill.....	19,688	24,147	29,807	36,397	46,589	47,170	50,576	230
Austin, Tex.....	14,575	22,258	29,860	34,876	53,120	87,930	132,459	72
Baltimore, Md.....	434,439	508,957	558,485	733,826	804,874	859,100	949,708	6
Baton Rouge, La.....	10,478	11,269	14,897	21,782	30,729	34,719	125,629	81
Bay City, Mich.....	27,839	27,628	45,166	47,554	47,355	47,956	52,523	218
Bayonne, N. J.....	19,033	32,722	55,645	76,754	88,979	79,198	77,203	149
Beaumont, Tex.....	3,296	9,427	20,640	40,422	57,732	59,061	94,014	118
Berkeley, Calif.....	5,101	13,214	40,434	56,036	82,109	85,547	113,805	90
Berwyn, Ill.....			5,841	14,150	47,027	48,451	51,280	225
Bethlehem, Pa. <sup>1</sup> .....	6,762	7,293	12,337	50,358	57,892	58,490	66,340	176
Binghamton, N. Y.....	35,005	39,647	48,443	66,800	76,662	78,309	80,674	139
Birmingham, Ala.....	26,178	38,415	132,685	178,806	259,678	267,533	326,037	34
Boston, Mass.....	448,477	560,892	670,585	748,060	781,188	770,816	801,444	10
Bridgeport, Conn.....	48,866	70,996	102,054	143,555	146,716	147,121	158,709	63
Brockton, Mass.....	27,294	40,063	56,878	66,254	63,797	62,343	62,860	191
Buffalo, N. Y.....	255,664	352,387	423,715	506,775	573,076	575,901	580,132	15
Burbank, Calif.....				2,913	16,662	34,337	78,577	146
Cambridge, Mass.....	70,028	91,886	104,839	109,694	113,643	110,879	120,740	86
Camden, N. J.....	58,313	75,935	94,538	116,309	118,700	117,536	124,555	85
Canton, Ohio.....	26,189	30,667	50,217	87,091	104,906	108,401	116,912	88
Cedar Rapids, Iowa.....	18,020	25,656	32,811	45,566	56,097	62,120	72,296	161
Charleston, S. C.....	54,955	55,807	58,833	67,957	62,265	71,275	70,174	170
Charleston, W. Va.....	6,742	11,099	22,996	39,608	60,408	67,914	73,501	159
Charlotte, N. C.....	11,557	18,091	34,014	46,338	82,675	100,899	134,042	69
Chattanooga, Tenn.....	29,100	30,154	44,604	57,895	119,798	128,163	131,041	73
Chester, Pa.....	20,226	33,988	38,537	58,030	59,164	59,285	66,039	179
Chicago, Ill.....	1,099,850	1,698,575	2,185,283	2,701,705	3,376,438	3,396,808	3,620,962	2
Cleero, Ill.....	10,204	16,310	14,557	44,995	66,602	64,712	67,544	173
Cincinnati, Ohio.....	296,908	325,902	363,591	401,247	451,160	455,610	503,998	18
Cleveland, Ohio.....	261,353	381,768	560,663	796,841	900,429	878,336	914,808	7
Cleveland Heights, Ohio.....			2,955	15,236	50,945	54,992	59,141	198
Clifton, N. J.....				26,470	46,875	48,827	64,511	182
Columbia, S. C.....	15,353	21,108	26,319	37,524	51,581	62,396	86,914	129
Columbus, Ga.....	17,303	17,614	20,554	31,125	43,131	53,280	79,611	142
Columbus, Ohio.....	88,150	125,560	181,511	237,031	290,564	306,087	375,901	28
Corpus Christi, Tex.....	4,387	4,703	8,222	10,522	27,741	57,301	108,287	97
Covington, Ky.....	37,371	42,938	53,270	57,121	65,252	62,018	64,452	183
Cranston, R. I.....	8,099	13,343	21,107	29,407	42,911	47,085	55,060	210
Dallas, Tex.....	38,067	42,638	92,104	158,976	260,475	294,734	434,462	22
Davenport, Iowa.....	26,872	35,254	43,028	56,727	60,751	66,039	74,549	152
Dayton, Ohio.....	61,220	85,333	116,577	152,559	200,982	210,718	243,872	44
Dearborn, Mich.....		844	911	2,470	50,358	63,584	94,994	117
Decatur, Ill.....	16,841	20,754	31,140	43,818	57,510	59,305	66,269	177
Denver, Colo.....	106,713	133,859	213,381	256,491	287,861	322,412	415,786	24
Des Moines, Iowa.....	50,093	62,139	86,368	126,468	142,559	159,819	177,965	53
Detroit, Mich.....	205,876	285,704	465,766	993,678	1,568,662	1,623,452	1,849,568	5
Duluth, Minn.....	33,115	52,969	78,466	98,917	101,463	101,065	104,511	102
Durham, N. C.....	5,485	6,679	18,241	21,719	52,037	60,195	71,311	166
East Chicago, Ind.....	1,255	3,411	19,098	35,967	54,784	54,637	54,263	213
East Orange, N. J.....	<sup>2</sup> 13,282	21,506	34,371	50,710	68,020	68,945	79,340	143
East St. Louis, Ill.....	15,169	29,655	58,547	66,767	74,347	75,609	82,295	135
Elizabeth, N. J.....	37,764	52,130	73,409	95,783	114,589	109,912	112,817	91
El Paso, Tex.....	10,338	15,906	39,279	77,560	102,421	96,810	130,485	75
Eric, Pa.....	40,634	52,733	66,525	93,372	115,967	116,955	130,803	74
Evanston, Ill.....	<sup>3</sup> 9,000	19,259	24,978	37,234	63,338	65,389	73,641	158
Evansville, Ind.....	50,756	59,007	69,647	85,264	102,249	97,062	128,636	78
Fall River, Mass.....	74,398	104,863	119,295	120,485	115,274	115,428	111,963	92

For footnotes, see p. 23.



No. 14.—POPULATION OF CITIES HAVING 50,000 INHABITANTS OR MORE IN 1950:  
1890 TO 1950—Continued

CITY	1890	1900	1910	1920	1930	1940	1950	
							Popula- tion	Rank order
Flint, Mich.....	9,803	13,103	38,550	91,599	156,492	151,543	163,143	60
Fort Wayne, Ind.....	35,393	45,115	63,933	86,549	114,946	118,410	133,607	71
Fort Worth, Tex.....	23,076	26,688	73,312	106,482	163,447	177,662	278,778	38
Fresno, Calif.....	10,818	12,470	24,892	45,086	52,513	60,685	91,669	124
Gadsden, Ala.....	2,901	4,282	10,557	14,737	24,042	36,975	55,725	207
Galveston, Tex.....	29,084	37,789	36,981	44,255	52,938	60,862	66,568	175
Gary, Ind.....			16,802	55,378	100,426	111,719	133,911	70
Glendale, Calif.....			2,746	13,536	62,736	82,582	95,702	115
Grand Rapids, Mich.....	60,278	87,565	112,571	137,634	168,592	164,292	176,515	55
Green Bay, Wis.....	9,069	18,684	25,236	31,017	37,415	46,235	52,735	216
Greensboro, N. C.....	3,317	10,035	15,895	19,861	53,569	59,319	74,389	153
Greenville, S. C.....	8,607	11,860	15,741	23,127	29,154	34,734	58,161	201
Hamilton, Ohio.....	17,565	23,914	35,279	39,675	52,176	50,592	57,951	202
Hammond, Ind.....	5,428	12,376	20,925	30,004	64,560	70,184	87,594	128
Harrisburg, Pa.....	39,385	50,167	64,186	75,917	80,339	83,893	89,544	126
Hartford, Conn.....	53,230	79,850	98,915	138,036	164,072	166,267	177,397	54
Hoboken, N. J.....	43,648	59,364	70,324	68,166	59,261	50,115	50,676	229
Holyoke, Mass.....	35,637	45,712	57,730	60,203	56,537	53,750	54,661	211
Houston, Tex.....	27,557	44,633	78,800	138,276	292,352	384,514	596,163	14
Huntington, W. Va.....	10,108	11,923	31,101	50,177	75,572	78,836	86,353	130
Indianapolis, Ind.....	105,436	169,164	233,650	314,194	364,161	386,972	427,173	23
Irvine, N. J.....		5,255	11,877	25,480	56,733	55,328	59,201	197
Jackson, Mich.....	20,798	25,180	31,433	48,374	55,187	49,656	51,088	228
Jackson, Miss.....	5,920	7,816	21,262	22,817	48,282	62,107	98,271	110
Jacksonville, Fla.....	17,201	28,429	57,699	91,558	129,549	173,065	204,517	49
Jersey City, N. J.....	163,003	206,433	267,779	298,103	316,715	301,173	299,017	37
Johnstown, Pa.....		35,936	55,482	67,327	66,993	66,668	63,232	189
Joliet, Ill.....	23,264	29,353	34,670	38,442	42,993	42,365	51,601	222
Kalamazoo, Mich.....	17,853	24,404	39,437	48,487	54,786	54,097	57,704	203
Kansas City, Kans.....	38,316	51,418	82,331	101,177	121,857	121,458	129,553	76
Kansas City, Mo.....	132,716	163,752	248,381	324,410	399,746	399,178	456,622	20
Kenosha, Wis.....	6,532	11,606	21,371	40,472	50,262	48,765	54,368	212
Knoxville, Tenn.....	22,535	32,637	36,346	77,818	105,802	111,580	124,769	83
Lakewood, Ohio.....		3,355	15,181	41,732	70,509	69,160	68,071	171
Lancaster, Pa.....	32,011	41,459	47,227	53,150	59,949	61,345	63,774	186
Lansing, Mich.....	13,102	16,485	31,229	57,327	78,397	78,753	92,129	121
Laredo, Tex.....	11,319	13,429	14,855	22,710	32,618	39,274	51,910	221
Lawrence, Mass.....	44,654	62,559	85,892	94,270	85,068	84,323	80,536	140
Lexington, Ky.....	21,567	26,369	35,099	41,534	45,736	49,304	55,534	209
Lima, Ohio.....	15,981	21,723	30,508	41,326	42,287	44,711	50,246	231
Lincoln, Nebr.....	55,154	40,169	43,973	54,948	75,933	81,984	98,884	109
Little Rock, Ark.....	25,874	38,307	45,941	65,142	81,679	88,039	102,213	105
Long Beach, Calif.....	564	2,252	17,809	55,593	142,032	164,271	250,767	41
Lorain, Ohio.....	4,863	16,028	28,883	37,295	44,512	44,125	51,202	226
Los Angeles, Calif.....	50,395	102,479	319,198	576,673	1,238,048	1,504,277	1,970,358	4
Louisville, Ky.....	161,129	204,731	223,928	234,891	307,745	319,077	369,129	30
Lowell, Mass.....	77,696	94,969	106,294	112,759	100,234	101,389	97,249	111
Lubbock, Tex.....			1,938	4,051	20,520	31,853	71,747	163
Lynn, Mass.....	55,727	68,513	89,336	99,148	102,320	98,123	99,738	107
Macon, Ga.....	22,746	23,272	40,665	52,995	53,829	57,865	70,252	169
Madison, Wis.....	13,426	19,164	25,531	38,378	57,899	67,447	96,056	114
Malden, Mass.....	23,031	33,664	44,404	49,103	58,036	58,010	59,804	195
Manchester, N. H.....	44,126	56,987	70,063	78,384	76,834	77,685	82,732	134
McKeesport, Pa.....	20,741	34,227	42,694	46,781	54,632	55,355	51,502	223
Medford, Mass.....	11,079	18,244	23,150	39,038	59,714	63,083	66,113	178
Memphis, Tenn.....	64,495	102,320	131,105	162,351	253,143	292,942	396,000	26
Miami, Fla.....		1,681	5,471	29,571	110,637	172,172	249,276	42
Milwaukee, Wis.....	204,468	285,315	373,857	457,147	578,249	587,472	637,392	13
Minneapolis, Minn.....	164,738	202,718	301,408	380,582	464,356	492,370	521,718	17
Mobile, Ala.....	31,076	38,469	51,521	60,777	68,202	73,720	129,009	77
Montgomery, Ala.....	21,883	30,346	38,136	43,464	66,079	78,084	106,525	100
Mount Vernon, N. Y.....	10,830	21,228	30,919	42,726	61,499	67,362	71,899	162
Muncie, Ind.....	11,345	20,942	24,005	36,524	46,548	49,720	58,479	200
Nashville, Tenn.....	76,168	80,865	110,364	118,342	153,866	167,402	174,307	56
Newark, N. J.....	181,830	246,070	347,469	414,524	442,337	429,760	458,776	21
New Bedford, Mass.....	40,733	62,442	96,652	121,217	112,597	110,341	109,189	96
New Britain, Conn.....	16,519	25,998	43,916	59,316	68,128	68,685	73,726	156
New Haven, Conn.....	86,045	108,027	133,605	162,537	162,655	160,605	164,443	59
New Orleans, La.....	242,039	287,104	339,075	387,219	458,762	494,537	570,445	16
New Rochelle, N. Y.....	8,217	14,720	28,867	36,213	54,000	58,408	59,725	196
Newton, Mass.....	24,379	33,587	39,806	46,054	65,276	69,873	81,944	136

NO. 14.—POPULATION OF CITIES HAVING 50,000 INHABITANTS OR MORE IN 1950:  
1890 TO 1950—Continued

CITY	1890	1900	1910	1920	1930	1940	1950	
							Popula- tion	Rank order
New York, N. Y. <sup>4</sup> -----	2,507,414	3,437,202	4,766,883	5,620,048	6,930,446	7,454,995	7,891,957	1
Niagara Falls, N. Y.-----	5,502	19,457	30,445	50,760	75,460	78,029	90,872	125
Norfolk, Va.-----	34,871	46,624	67,452	115,777	129,710	144,332	213,513	48
Oakland, Calif.-----	48,682	66,960	150,174	216,261	284,063	302,163	384,575	27
Oak Park, Ill.-----	-----	-----	19,444	39,858	63,982	66,015	63,529	188
Ogden, Utah-----	14,889	16,313	25,580	32,804	40,272	43,688	57,112	206
Oklahoma City, Okla.-----	4,151	10,037	64,205	91,295	185,389	204,424	243,504	45
Omaha, Nebr. <sup>5</sup> -----	140,452	102,555	124,096	191,601	214,006	223,844	251,117	40
Orlando, Fla.-----	2,856	2,481	3,894	9,282	27,330	36,736	52,367	219
Pasadena, Calif.-----	4,882	9,117	30,291	45,354	76,086	81,864	104,577	101
Passaic, N. J.-----	13,028	27,777	54,773	63,841	62,959	61,394	57,702	204
Paterson, N. J.-----	78,347	105,171	125,600	135,875	138,513	139,656	139,336	66
Pawtucket, R. I.-----	27,633	39,231	51,622	64,248	77,149	75,797	81,436	138
Peoria, Ill.-----	41,024	56,100	66,950	76,121	104,969	105,087	111,856	93
Philadelphia, Pa.-----	1,046,964	1,293,697	1,549,008	1,823,779	1,950,961	1,931,334	2,071,605	3
Phoenix, Ariz.-----	3,152	5,544	11,134	29,053	48,118	65,414	106,818	98
Pittsburgh, Pa.-----	238,617	321,616	533,905	588,343	669,817	671,659	676,806	12
Pittsfield, Mass.-----	17,281	21,766	32,121	41,763	49,677	49,684	53,348	214
Pontiac, Mich.-----	6,200	9,769	14,532	34,273	64,928	66,626	73,681	157
Port Arthur, Tex.-----	-----	900	7,663	22,251	50,902	46,140	57,530	205
Portland, Maine-----	36,425	50,145	58,571	69,272	70,810	73,643	77,634	148
Portland, Oreg.-----	46,385	90,426	207,214	258,288	301,815	305,394	373,628	29
Portsmouth, Va.-----	13,268	17,427	33,190	54,387	45,704	50,745	80,039	141
Providence, R. I.-----	132,146	175,597	224,326	237,595	252,981	253,504	248,674	43
Pueblo, Colo.-----	24,558	28,157	41,747	43,050	50,096	52,162	63,685	187
Quincy, Mass.-----	16,723	23,899	32,642	47,876	71,983	75,810	83,835	133
Racine, Wis.-----	21,014	29,102	38,002	58,593	67,542	67,195	71,193	167
Raleigh, N. C.-----	12,678	13,643	19,218	24,418	37,379	46,897	65,679	180
Reading, Pa.-----	58,661	78,961	96,071	107,784	111,171	110,568	109,320	95
Richmond, Calif.-----	-----	-----	6,802	16,843	20,093	23,642	99,545	108
Richmond, Va.-----	81,388	85,050	127,628	171,667	182,929	193,042	230,310	46
Roanoke, Va.-----	16,159	21,495	34,874	50,842	69,206	69,287	91,921	122
Rochester, N. Y.-----	133,896	162,608	218,149	295,750	328,132	324,975	332,488	32
Rockford, Ill.-----	23,584	31,051	45,401	65,651	85,864	84,637	92,927	119
Sacramento, Calif.-----	26,386	29,282	44,696	65,908	93,750	105,958	137,572	67
Saginaw, Mich.-----	46,322	42,345	50,510	61,903	80,715	82,794	92,918	120
St. Joseph, Mo.-----	52,324	102,979	77,403	77,939	80,935	75,711	78,588	145
St. Louis, Mo.-----	451,770	575,238	687,029	772,897	821,960	816,048	856,796	8
St. Paul, Minn.-----	133,156	163,065	214,744	234,698	271,606	287,736	311,349	35
St. Petersburg, Fla.-----	273	1,575	4,127	14,237	40,425	60,812	96,738	113
Salt Lake City, Utah-----	44,843	53,531	92,777	118,110	140,267	149,934	182,121	52
San Angelo, Tex.-----	-----	-----	10,321	10,050	25,308	25,802	52,093	220
San Antonio, Tex.-----	37,673	53,321	96,614	161,379	231,542	253,854	408,442	25
San Bernardino, Calif.-----	4,012	6,150	12,779	18,721	37,481	43,646	63,058	190
San Diego, Calif.-----	16,159	17,700	39,678	74,361	147,995	203,341	334,387	31
San Francisco, Calif.-----	298,997	342,732	416,912	506,676	634,914	634,536	775,357	11
San Jose, Calif.-----	18,060	21,500	28,946	39,642	57,651	68,457	95,280	116
Santa Monica, Calif.-----	1,580	3,057	7,847	15,252	37,146	53,500	71,595	164
Savannah, Ga.-----	43,189	54,244	65,064	83,252	85,024	95,996	119,638	87
Schenectady, N. Y.-----	19,902	31,682	72,826	88,723	95,692	87,549	91,785	123
Scranton, Pa.-----	5,215	102,026	129,867	137,783	143,433	140,404	125,536	82
Seattle, Wash.-----	42,837	80,671	237,194	315,312	365,583	368,302	467,591	19
Shreveport, La.-----	11,979	16,013	28,015	43,874	76,655	98,167	127,206	80
Sioux City, Iowa-----	37,806	33,111	47,828	71,227	79,183	82,364	83,991	132
Sioux Falls, S. Dak.-----	-----	-----	14,094	25,202	33,362	40,832	52,696	217
Somerville, Mass.-----	40,152	61,643	77,236	93,091	103,908	102,177	102,351	104
South Bend, Ind.-----	21,819	35,999	53,684	70,983	104,193	101,268	115,911	89
South Gate, Calif.-----	-----	-----	-----	-----	19,632	26,945	51,116	227
Spokane, Wash.-----	19,922	36,848	104,402	104,437	115,514	122,001	161,721	62
Springfield, Ill.-----	24,963	34,159	51,678	59,183	71,864	75,503	81,628	137
Springfield, Mass.-----	44,179	62,059	88,926	129,614	149,900	149,554	162,399	61
Springfield, Mo.-----	21,850	23,267	35,201	39,631	57,527	61,238	66,731	174
Springfield, Ohio-----	31,895	38,253	46,921	60,840	68,743	70,662	78,508	147
Stamford, Conn.-----	10,396	15,997	25,138	35,096	46,346	47,938	74,293	154
Stockton, Calif.-----	14,424	17,506	23,253	40,296	47,963	54,714	70,853	168
Syracuse, N. Y.-----	88,143	108,374	137,249	171,717	209,326	205,967	220,583	47
Tacoma, Wash.-----	36,006	37,714	83,743	96,965	106,817	109,408	143,673	65
Tampa, Fla.-----	5,532	15,839	37,782	51,608	101,161	108,391	124,681	84
Terre Haute, Ind.-----	30,217	36,673	58,157	66,083	62,810	62,693	64,214	185
Toledo, Ohio.-----	81,434	131,822	168,497	243,164	290,718	282,349	303,616	36
Topeka, Kans.-----	31,007	33,608	43,684	50,022	64,120	67,833	78,791	144

For footnotes, see p. 23.



**No. 14.—POPULATION OF CITIES HAVING 50,000 INHABITANTS OR MORE IN 1950:  
1890 TO 1950—Continued**

CITY	1890	1900	1910	1920	1930	1940	1950	
							Popula- tion	Rank order
Trenton, N. J.	57,458	73,307	96,815	119,289	123,356	124,697	128,009	79
Troy, N. Y.	60,956	60,651	76,813	71,996	72,763	70,304	72,311	160
Tulsa, Okla.		1,390	18,182	72,075	141,258	142,157	182,740	51
Union City, N. J. <sup>1</sup>	10,643	15,187	21,023	20,651	58,659	56,173	55,537	208
Utica, N. Y.	44,007	56,383	74,419	94,156	101,740	100,518	101,531	106
Waco, Tex.	14,445	20,686	26,425	38,500	52,848	55,982	84,706	131
Washington, D. C. <sup>2</sup>	188,932	278,718	331,069	437,571	486,869	663,091	802,178	9
Waterbury, Conn.	28,646	45,859	73,141	91,715	99,902	99,314	104,477	103
Waterloo, Iowa	6,674	12,580	26,693	36,230	46,191	51,743	65,198	181
Wheeling, W. Va.	34,522	38,878	41,641	56,208	61,659	61,099	58,891	199
Wichita, Kans.	23,853	24,671	52,450	72,217	111,110	114,966	168,279	58
Wichita Falls, Tex.	1,987	2,480	8,200	40,079	43,690	45,112	68,042	172
Wilkes-Barre, Pa.	37,718	51,721	67,105	73,833	86,626	86,236	76,826	151
Wilmington, Del.	61,431	76,508	87,411	110,168	106,597	112,504	110,356	94
Winston-Salem, N. C.	10,729	13,650	22,700	48,395	75,274	79,815	87,811	127
Woonsocket, R. I.	20,830	28,204	38,125	43,496	49,376	49,303	50,211	232
Worcester, Mass.	84,655	118,421	145,986	179,754	195,311	193,694	203,486	50
Yonkers, N. Y.	32,033	47,931	79,803	100,176	134,646	142,598	152,798	64
York, Pa.	20,793	33,708	44,750	47,512	55,254	56,712	59,953	194
Youngstown, Ohio	33,220	44,885	79,066	132,358	170,002	167,720	168,330	57

<sup>1</sup> Bethlehem and South Bethlehem boroughs consolidated as Bethlehem city between 1910 and 1920. Combined population, 1890, 19,823; 1900, 23,999; 1910, 32,810.

<sup>2</sup> Population prior to incorporation.

<sup>3</sup> Estimated.

<sup>4</sup> Population shown is for New York City as now constituted.

<sup>5</sup> Omaha and South Omaha cities consolidated between 1910 and 1920. Combined population, 1890, 148,514; 1900, 128,556; 1910, 150,355.

<sup>6</sup> Allegheny city annexed to Pittsburgh in 1907. Combined population, 1890, 343,904; 1900, 451,512.

<sup>7</sup> Corrected figure; exclusive of population (2,648) of certain territory outside city limits.

<sup>8</sup> Union and West Hoboken towns consolidated as Union City in 1925. Combined population, 1900, 38,281; 1910, 56,426; 1920, 60,725.

<sup>9</sup> Population shown for 1900 through 1950 is for District of Columbia, with which the city has been considered coextensive since 1895.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I.

**No. 15.—NUMBER OF PLACES IN URBAN AND RURAL TERRITORY, BY SIZE OF PLACE:  
1860 TO 1950**

[In 1940 and 1950, the following were counted as separate incorporated places, whereas in 1930 and earlier years each pair was counted as a single place: Bluefield, Va., and Bluefield, W. Va.; Bristol, Tenn., and Bristol, Va.; Delmar, Del., and Delmar, Md.; Harrison, Ohio, and West Harrison, Ind.; Junction City, Ark., and Junction City, La.; Texarkana, Ark., and Texarkana, Texas; Texhoma, Okla., and Texhoma, Texas; and Union City, Ind., and Union City, Ohio. For description of old and new urban definitions, see p. 2. See also *Historical Statistics*, series B 145-159]

CLASS AND SIZE	1860	1880	1900	1910	1920	1930	1940	1950	
								Old urban defini- tion	New urban defini- tion
Urban territory	392	939	1,737	2,262	2,722	3,165	3,464	4,023	4,741
Places of 1,000,000 or more		1	3	3	3	5	5	5	5
Places of 500,000 to 1,000,000	2	3	3	5	9	8	9	13	13
Places of 250,000 to 500,000	1	4	9	11	13	24	23	23	23
Places of 100,000 to 250,000	6	12	23	31	43	56	55	66	65
Places of 50,000 to 100,000	7	15	40	59	76	98	107	128	126
Places of 25,000 to 50,000	19	42	82	119	143	185	213	271	252
Places of 10,000 to 25,000	58	146	280	369	465	606	665	814	778
Places of 5,000 to 10,000	136	249	465	605	715	851	965	1,133	1,176
Places of 2,500 to 5,000	163	467	832	1,060	1,255	1,332	1,422	1,570	1,846
Places under 2,500									457
Rural territory			8,931	11,830	12,855	13,433	13,288	13,235	13,807
Places of 1,000 to 2,500			2,128	2,717	3,030	3,087	3,205	3,408	4,158
Places under 1,000			6,803	9,113	9,825	10,346	10,083	9,827	9,649

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I.



No. 16.—POPULATION IN URBAN AND RURAL TERRITORY, BY SIZE OF PLACE: 1790 TO 1950

[See headnote, table 15. For description of old and new definitions, see p. 2. See also *Historical Statistics*, series B 145-159]

CLASS AND SIZE	1790	1800	1820	1840	1860	1880	1900
POPULATION							
United States.....	3, 929, 214	5, 308, 483	9, 638, 453	17, 069, 453	31, 443, 321	50, 155, 783	75, 994, 575
Urban territory.....	201, 655	322, 371	693, 255	1, 845, 055	6, 216, 518	14, 129, 735	30, 159, 921
Places of 1,000,000 or more.....						1, 206, 299	6, 429, 474
Places of 500,000 to 1,000,000.....					1, 379, 198	1, 917, 018	1, 645, 087
Places of 250,000 to 500,000.....				312, 710	266, 661	1, 300, 809	2, 861, 296
Places of 100,000 to 250,000.....			123, 706	204, 506	992, 922	1, 786, 783	3, 272, 490
Places of 50,000 to 100,000.....		60, 615	126, 540	187, 048	452, 060	947, 918	2, 709, 338
Places of 25,000 to 50,000.....	61, 653	67, 734	70, 474	235, 424	670, 293	1, 446, 366	2, 800, 627
Places of 10,000 to 25,000.....	48, 182	54, 479	121, 613	404, 822	884, 433	2, 189, 447	4, 338, 250
Places of 5,000 to 10,000.....	47, 569	94, 394	155, 035	328, 744	976, 436	1, 717, 146	3, 204, 195
Places of 2,500 to 5,000.....	44, 251	45, 249	95, 887	171, 801	594, 515	1, 617, 949	2, 899, 164
Rural territory.....	3, 727, 559	4, 986, 112	8, 945, 198	15, 224, 398	25, 226, 803	36, 026, 048	45, 834, 654
Places of 1,000 to 2,500.....	(1)	(1)	(1)	(1)	(1)	(2)	3, 298, 054
PERCENT OF TOTAL POPULATION							
United States.....	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0	100. 0
Urban territory.....	5. 1	6. 1	7. 2	10. 8	19. 8	28. 2	39. 7
Places of 1,000,000 or more.....						2. 4	8. 5
Places of 500,000 to 1,000,000.....					4. 4	3. 8	2. 2
Places of 250,000 to 500,000.....				1. 8	. 8	2. 6	3. 8
Places of 100,000 to 250,000.....			1. 3	1. 2	3. 2	3. 6	4. 3
Places of 50,000 to 100,000.....		1. 1	1. 3	1. 1	1. 4	1. 9	3. 6
Places of 25,000 to 50,000.....	1. 6	1. 3	. 7	1. 4	2. 1	2. 9	3. 7
Places of 10,000 to 25,000.....	1. 2	1. 0	1. 3	2. 4	2. 8	4. 4	5. 7
Places of 5,000 to 10,000.....	1. 2	1. 8	1. 6	1. 9	3. 1	3. 4	4. 2
Places of 2,500 to 5,000.....	1. 1	. 9	1. 0	1. 0	1. 9	3. 2	3. 8
Rural territory.....	94. 9	93. 9	92. 8	89. 2	80. 2	71. 8	60. 3
Places of 1,000 to 2,500.....							4. 3

CLASS AND SIZE	1910	1920	1930	1940	1950	
					Old urban definition	New urban definition
POPULATION						
United States-----	91,972,266	105,710,620	122,775,046	131,669,275	150,697,361	150,697,361
Urban territory-----	41,998,932	54,157,973	68,954,823	74,423,702	88,927,464	<sup>2</sup> 96,467,686
Places of 1,000,000 or more-----	8,501,174	10,145,532	15,064,555	15,910,866	17,404,450	17,404,450
Places of 500,000 to 1,000,000-----	3,010,667	6,223,769	5,763,987	6,456,959	9,186,945	9,186,945
Places of 250,000 to 500,000-----	3,949,839	4,540,838	7,956,228	7,827,514	8,241,560	8,241,560
Places of 100,000 to 250,000-----	4,840,458	6,519,187	7,540,966	7,792,650	9,614,111	9,478,662
Places of 50,000 to 100,000-----	4,178,915	5,265,408	6,491,448	7,343,917	9,073,363	8,930,823
Places of 25,000 to 50,000-----	4,023,397	5,075,041	6,425,693	7,417,093	9,495,862	8,807,721
Places of 10,000 to 25,000-----	5,548,868	7,034,668	9,097,200	9,966,898	12,467,229	11,866,505
Places of 5,000 to 10,000-----	4,217,420	4,967,625	5,897,156	6,681,894	7,878,675	8,138,596
Places of 2,500 to 5,000-----	3,728,194	4,385,905	4,717,590	5,025,911	5,565,269	6,490,406
Rural territory-----	49,973,334	51,552,647	53,820,223	57,245,573	61,769,897	54,229,675
Places of 1,000 to 2,500-----	4,234,406	4,712,007	4,820,707	5,026,834	5,382,637	6,473,315
PERCENT OF TOTAL POPULATION						
United States-----	100.0	100.0	100.0	100.0	100.0	100.0
Urban territory-----	45.7	51.2	56.2	56.5	59.0	<sup>2</sup> 64.0
Places of 1,000,000 or more-----	9.2	9.6	12.3	12.1	11.5	11.5
Places of 500,000 to 1,000,000-----	3.3	5.9	4.7	4.9	6.1	6.1
Places of 250,000 to 500,000-----	4.3	4.3	6.5	5.9	5.5	5.5
Places of 100,000 to 250,000-----	5.3	6.2	6.1	5.9	6.4	6.3
Places of 50,000 to 100,000-----	4.5	5.0	5.3	5.6	6.0	5.9
Places of 25,000 to 50,000-----	4.4	4.8	5.2	5.6	6.3	5.8
Places of 10,000 to 25,000-----	6.0	6.7	7.4	7.6	8.3	7.9
Places of 5,000 to 10,000-----	4.6	4.7	4.8	5.1	5.2	5.4
Places of 2,500 to 5,000-----	4.1	4.1	3.8	3.8	3.7	4.3
Rural territory-----	54.3	48.8	43.8	43.5	41.0	36.0
Places of 1,000 to 2,500-----	4.6	4.5	3.9	3.8	3.6	4.3

<sup>1</sup> Not returned separately.

<sup>2</sup> Includes population of places under 2,500 (577,992) and unincorporated parts of urbanized areas (7,344,026).

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. I.

## No. 17.—POPULATION, SUMMARY OF CHARACTERISTICS: 1790 TO 1950

[See also *Historical Statistics*, series B 13-23, and B 72-80]

YEAR	SEX		RACE			RESIDENCE		MEDIAN AGE	
	Male	Female	White	Negro	Other	Urban	Rural	All classes	White
1790-----			3, 172, 006	757, 208		201, 655	3, 727, 559		
1800-----			4, 306, 446	1, 002, 037		322, 371	4, 986, 112		16.0
1810-----			5, 862, 073	1, 377, 808		525, 459	6, 714, 422		16.0
1820-----	4, 896, 605	4, 741, 848	7, 866, 797	1, 771, 656		693, 255	8, 945, 198	16.7	16.5
1830-----	6, 532, 489	6, 333, 531	10, 537, 378	2, 328, 642		1, 127, 247	11, 738, 773	17.2	17.2
1840-----	8, 688, 532	8, 380, 921	14, 195, 805	2, 873, 648		1, 845, 055	15, 224, 398	17.8	17.9
1850-----	11, 837, 660	11, 354, 216	19, 553, 068	3, 638, 808		3, 543, 716	19, 648, 160	18.9	19.2
1860-----	16, 085, 204	15, 358, 117	26, 922, 537	4, 441, 830	78, 954	6, 216, 518	25, 226, 803	19.4	19.7
1870-----	19, 493, 565	19, 064, 806	33, 589, 377	4, 880, 009	88, 985	9, 902, 361	28, 656, 010	20.2	20.4
1880-----	25, 518, 820	24, 636, 963	43, 402, 970	6, 580, 793	172, 020	14, 129, 735	36, 026, 048	20.9	21.4
1890-----	32, 237, 101	30, 710, 613	55, 101, 258	7, 488, 676	357, 780	22, 106, 265	40, 841, 449	22.0	22.5
1900-----	38, 816, 448	37, 178, 127	66, 809, 196	8, 833, 994	351, 385	30, 159, 921	45, 834, 654	22.9	23.4
1910-----	47, 332, 277	44, 639, 989	81, 731, 957	9, 827, 763	412, 546	41, 998, 932	49, 973, 334	24.1	24.5
1920-----	53, 900, 431	51, 810, 189	94, 820, 915	10, 463, 131	426, 574	54, 157, 973	51, 552, 647	25.3	25.6
1930-----	62, 137, 080	60, 637, 966	110, 286, 740	11, 891, 143	597, 163	68, 954, 823	53, 820, 223	26.5	26.9
1940-----	66, 061, 592	65, 607, 683	118, 214, 870	12, 865, 518	588, 887	74, 423, 702	57, 245, 573	29.0	29.5
1950-----	74, 833, 239	75, 864, 122	134, 942, 028	15, 042, 286	713, 047	96, 467, 686	54, 229, 675	30.2	30.8

<sup>1</sup> New definition; old definition: urban, 88,927,464, and rural, 61,769,897. For explanation of old and new urban definitions, see p. 2.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, *Population*, Vol. II; Sixteenth Census Reports, *Population*, Vol. II, Part I, and Vol. IV, Part I, and *U. S. Census of Population: 1950*, Vol. II, Part I.

## No. 18.—MEDIAN AGE OF URBAN AND RURAL POPULATION, BY COLOR AND SEX: 1940 AND 1950

[Definition of median.—The median is the value which divides the distribution into two equal parts—one-half of the cases falling below this value and one-half of the cases exceeding this value. For explanation of old and new urban definitions, see p. 2. See also *Historical Statistics*, series B 72-80]

RESIDENCE AND YEAR	ALL CLASSES			WHITE			NONWHITE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1940, OLD URBAN DEFINITION									
Total-----	29.0	29.1	29.0	29.5	29.5	29.5	25.2	25.4	25.1
Urban-----	31.0	31.0	31.1	31.3	31.2	31.4	28.9	29.4	28.6
Rural nonfarm-----	27.7	28.1	27.3	28.0	28.3	27.6	24.9	27.4	24.3
Rural farm-----	24.4	24.7	23.9	25.4	25.8	25.0	20.0	20.1	19.6
1950, OLD URBAN DEFINITION									
Total-----	30.2	29.9	30.5	30.8	30.4	31.1	26.1	25.9	26.2
Urban-----	32.0	31.5	32.4	32.4	31.5	32.8	28.8	28.8	28.8
Rural nonfarm-----	28.0	27.9	28.1	28.4	28.3	28.5	23.8	23.8	23.7
Rural farm-----	26.3	26.5	26.1	27.9	28.1	27.7	18.6	18.6	18.7
1950, NEW URBAN DEFINITION									
Total-----	30.2	29.9	30.5	30.8	30.4	31.1	26.1	25.9	26.2
Urban-----	31.6	31.2	32.0	32.0	31.5	32.4	28.7	28.7	28.7
Rural nonfarm-----	27.9	28.2	28.1	28.4	28.2	28.5	23.6	23.6	23.5
Rural farm-----	26.3	26.4	26.1	27.9	28.0	27.7	18.5	18.4	18.5

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. III, Part 1, and unpublished data.



## No. 19.—POPULATION, URBAN AND

[For explanation of old and new urban definitions, see p. 2]

DIVISION AND STATE	OLD URBAN DEFINITION							
	1920		1930		1940		1950	
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural
<b>United States</b> .....	54,157,973	51,552,647	68,954,823	53,820,223	74,423,702	57,245,573	88,927,464	61,769,897
<b>New England</b> .....	5,620,384	1,780,525	6,311,976	1,854,365	6,420,542	2,016,748	6,922,733	2,391,720
Maine.....	299,569	468,445	321,606	475,917	343,057	504,169	374,507	539,267
New Hampshire.....	250,438	192,645	273,079	192,214	283,225	208,299	301,249	231,993
Vermont.....	109,976	242,452	118,766	240,845	123,239	235,992	137,612	240,135
Massachusetts.....	3,468,916	383,440	3,831,426	418,188	3,859,476	457,245	4,122,138	568,376
Rhode Island.....	555,146	49,251	635,429	52,068	653,383	59,963	700,410	91,486
Connecticut.....	936,339	444,292	1,131,770	475,133	1,158,162	551,080	1,286,817	720,463
<b>Middle Atlantic</b> .....	16,783,474	5,477,670	20,394,707	5,866,043	21,147,543	6,391,944	22,643,772	7,519,761
New York.....	8,588,586	1,796,641	10,521,952	2,066,114	11,165,893	2,313,249	11,889,008	2,941,184
New Jersey.....	2,522,435	633,465	3,339,244	702,090	3,394,773	765,392	3,847,771	987,558
Pennsylvania.....	5,672,433	3,047,564	6,533,511	3,097,839	6,586,877	3,313,303	6,906,993	3,591,019
<b>East North Central</b> .....	13,050,086	8,425,457	16,794,908	8,502,277	17,444,359	9,181,983	19,982,717	10,416,651
Ohio.....	3,677,136	2,082,258	4,507,371	2,139,326	4,612,986	2,294,626	5,273,206	2,673,421
Indiana.....	1,482,855	1,447,535	1,795,892	1,442,611	1,887,712	1,540,084	2,217,468	1,716,756
Illinois.....	4,403,677	2,081,603	5,635,727	1,994,927	5,809,650	2,087,591	6,486,673	2,225,503
Michigan.....	2,241,560	1,426,852	3,302,075	1,540,250	3,454,867	1,801,239	4,099,007	2,272,759
Wisconsin.....	1,244,858	1,387,209	1,553,843	1,385,163	1,679,144	1,458,443	1,906,363	1,528,212
<b>West North Central</b> .....	4,725,880	7,818,369	5,556,181	7,740,734	5,993,124	7,523,866	7,018,000	7,043,394
Minnesota.....	1,051,593	1,335,532	1,257,616	1,306,337	1,390,098	1,402,202	1,607,446	1,375,037
Iowa.....	875,495	1,528,526	979,292	1,491,647	1,084,231	1,454,037	1,229,433	1,391,640
Missouri.....	1,586,903	1,817,152	1,859,119	1,770,248	1,960,696	1,823,968	2,290,149	1,664,504
North Dakota.....	88,239	558,633	113,306	567,539	131,923	510,012	164,817	454,819
South Dakota.....	101,872	534,675	130,907	561,942	158,087	484,874	216,157	436,583
Nebraska.....	405,293	891,079	486,107	891,856	514,148	801,686	606,530	718,980
Kansas.....	616,485	1,152,772	729,834	1,151,165	753,941	1,047,087	903,468	1,001,831
<b>South Atlantic</b> .....	4,336,482	9,653,790	5,698,122	10,095,467	6,921,726	10,901,425	8,997,310	12,185,025
Delaware.....	120,767	102,236	123,146	115,234	139,432	127,073	147,890	170,195
Maryland.....	869,422	580,239	974,869	656,657	1,080,351	740,893	1,274,618	1,068,383
Dist. of Columbia.....	437,571	-----	486,869	-----	663,091	-----	802,178	-----
Virginia.....	673,984	1,635,203	785,537	1,636,314	944,675	1,733,098	1,335,944	1,982,736
West Virginia.....	369,007	1,094,694	491,504	1,237,701	534,292	1,367,682	640,606	1,364,946
North Carolina.....	490,370	2,068,753	809,847	2,360,429	974,175	2,597,448	1,238,193	2,823,736
South Carolina.....	293,987	1,389,737	371,080	1,367,685	466,111	1,433,693	609,225	1,507,802
Georgia.....	727,859	2,167,973	895,492	2,013,014	1,073,808	2,049,915	1,381,868	2,062,710
Florida.....	353,515	614,955	759,778	708,433	1,045,791	851,623	1,566,788	1,204,517
<b>East South Central</b> .....	1,994,207	6,899,100	2,778,687	7,108,527	3,165,356	7,612,869	4,079,879	7,397,302
Kentucky.....	633,543	1,783,087	799,026	1,815,563	849,327	1,996,300	985,739	1,959,067
Tennessee.....	611,226	1,726,659	896,538	1,720,018	1,027,206	1,888,635	1,264,159	2,027,559
Alabama.....	509,317	1,838,857	744,273	1,901,975	855,941	1,977,020	1,228,209	1,833,534
Mississippi.....	240,121	1,550,497	338,850	1,670,971	432,882	1,750,914	601,772	1,577,142
<b>West South Central</b> .....	2,969,366	7,272,858	4,427,439	7,749,391	5,203,401	7,861,124	7,700,860	6,836,712
Arkansas.....	290,497	1,461,707	382,878	1,471,604	431,910	1,517,477	617,153	1,292,358
Louisiana.....	628,163	1,170,346	833,532	1,268,061	980,439	1,383,441	1,363,789	1,319,727
Oklahoma.....	538,017	1,490,266	821,681	1,574,359	879,663	1,456,771	1,107,252	1,126,099
Texas.....	1,512,689	3,150,539	2,389,348	3,435,367	2,911,389	3,503,435	4,612,666	3,098,528
<b>Mountain</b> .....	1,217,988	2,118,113	1,457,922	2,243,867	1,771,742	2,378,261	2,476,628	2,598,370
Montana.....	172,011	376,878	181,036	356,570	211,535	347,921	252,906	338,118
Idaho.....	119,037	312,829	129,507	315,525	176,708	348,165	234,138	354,499
Wyoming.....	57,095	137,307	70,097	155,468	93,577	157,165	144,618	145,911
Colorado.....	453,259	486,370	519,882	515,909	590,756	532,540	759,939	565,150
New Mexico.....	64,960	295,390	106,816	316,501	176,401	355,417	314,636	366,551
Arizona.....	120,788	213,374	149,856	285,717	173,981	325,280	273,794	475,793
Utah.....	215,584	233,812	266,264	241,583	305,493	244,817	412,518	276,344
Nevada.....	15,254	62,153	34,464	56,594	43,291	66,956	84,079	76,004
<b>Pacific</b> .....	3,460,106	2,106,765	5,534,881	2,659,552	6,355,909	3,377,353	9,105,565	5,380,962
Washington.....	742,801	613,820	884,539	678,857	921,969	1,274,152	1,274,152	1,104,811
Oregon.....	390,346	393,043	489,746	464,040	531,675	558,009	732,247	789,094
California.....	2,326,959	1,099,902	4,160,596	1,516,655	4,902,265	2,005,122	7,099,166	3,487,057

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.



## RURAL, BY STATES: 1920 TO 1950

For U. S. totals, see also *Historical Statistics*, series B 16-17]

1950, NEW URBAN DEFINITION				PERCENT URBAN					DIVISION AND STATE
Urban	Rural			1920	1930	1940	1950		
	Total	Nonfarm	Farm				Old urban definition	New urban definition	
96,467,686	54,229,675	31,181,325	23,048,350	51.2	56.2	56.5	59.0	64.0	United States.
7,101,511	2,212,942	1,809,842	403,100	75.9	77.3	76.1	74.3	76.2	New England.
472,000	441,774	319,946	121,828	39.0	40.3	40.5	41.0	51.7	Maine.
306,806	226,436	179,266	47,170	56.5	58.7	57.6	56.5	57.5	New Hampshire.
137,612	240,135	159,003	81,132	31.2	33.0	34.3	36.4	36.4	Vermont.
3,959,239	731,275	651,299	79,976	90.0	90.2	89.4	87.9	84.4	Massachusetts.
667,212	124,684	114,346	10,338	91.9	92.4	91.6	88.4	84.3	Rhode Island.
1,558,642	448,638	385,982	62,656	67.8	70.4	67.8	64.1	77.6	Connecticut.
24,271,689	5,891,844	4,503,683	1,388,161	75.4	77.7	76.8	75.1	80.5	Middle Atlantic.
12,682,446	2,147,746	1,570,092	577,654	82.7	83.6	82.8	80.2	85.5	New York.
4,186,207	649,122	543,822	105,300	79.9	82.6	81.6	79.6	86.6	New Jersey.
7,403,036	3,094,976	2,389,769	705,207	65.1	67.8	66.5	65.8	70.5	Pennsylvania.
21,185,713	9,213,655	5,510,241	3,703,414	60.8	66.4	65.5	65.7	69.7	East North Central.
5,578,274	2,368,353	1,515,265	853,088	63.8	67.8	66.8	66.4	70.2	Ohio.
2,357,196	1,577,028	909,874	667,154	50.6	55.5	55.1	56.4	59.9	Indiana.
6,759,271	1,952,905	1,189,709	763,196	67.9	73.9	73.6	74.5	77.6	Illinois.
4,503,084	1,868,682	1,173,940	694,742	61.1	68.2	65.7	64.3	70.7	Michigan.
1,987,888	1,446,687	721,453	725,234	47.3	52.9	53.5	55.5	57.9	Wisconsin.
7,305,219	6,756,175	3,027,024	3,729,151	37.7	41.8	44.3	49.9	52.0	West North Central.
1,624,914	1,357,569	617,770	739,799	44.1	49.0	49.8	53.9	54.5	Minnesota.
1,250,938	1,370,135	587,485	782,650	36.4	39.6	42.7	46.9	47.7	Iowa.
2,432,715	1,521,938	658,442	863,496	46.6	51.2	51.8	57.9	61.5	Missouri.
164,817	454,819	200,332	254,487	13.6	16.6	20.6	26.6	26.6	North Dakota.
216,710	436,030	182,485	253,545	16.0	18.9	24.6	33.1	33.2	South Dakota.
621,905	703,605	312,170	391,435	31.3	35.3	39.1	45.8	46.9	Nebraska.
993,220	912,079	468,340	443,739	34.8	38.8	41.9	47.4	52.1	Kansas.
10,391,163	10,791,172	6,158,176	4,632,996	31.0	36.1	38.8	42.5	49.1	South Atlantic.
199,122	118,963	84,738	34,225	54.2	51.7	52.3	46.5	62.6	Delaware.
1,615,902	727,099	543,623	183,476	60.0	59.8	59.3	54.4	69.0	Maryland.
802,178				100.0	100.0	100.0	100.0	100.0	Dist. of Columbia.
1,560,115	1,758,565	1,026,604	731,961	29.2	32.4	35.3	40.3	47.0	Virginia.
694,487	1,311,065	900,143	410,922	25.2	28.4	28.1	31.9	34.6	West Virginia.
1,368,101	2,693,828	1,317,268	1,376,560	19.2	25.5	27.3	30.5	33.7	North Carolina.
777,921	1,339,106	638,495	700,611	17.5	21.3	24.5	28.8	36.7	South Carolina.
1,559,447	1,885,131	922,696	962,435	25.1	30.8	34.4	40.1	45.3	Georgia.
1,813,890	957,415	724,609	232,806	36.5	51.7	55.1	56.5	65.5	Florida.
4,484,771	6,992,410	2,944,336	4,048,074	22.4	28.1	29.4	35.5	39.1	East South Central.
1,084,070	1,860,736	886,566	974,170	26.2	30.6	29.8	33.5	36.8	Kentucky.
1,452,602	1,839,116	822,912	1,016,204	26.1	34.3	35.2	38.4	44.1	Tennessee.
1,340,937	1,720,806	760,313	960,493	21.7	28.1	30.2	40.1	43.8	Alabama.
607,162	1,571,752	474,545	1,097,207	13.4	16.9	19.8	27.6	27.9	Mississippi.
8,079,828	6,457,744	3,243,129	3,214,615	29.0	36.4	39.8	53.0	55.6	West South Central.
630,591	1,278,920	477,093	801,827	16.6	20.6	22.2	32.3	33.0	Arkansas.
1,471,696	1,211,820	644,365	567,455	34.9	39.7	41.5	50.8	54.8	Louisiana.
1,139,481	1,093,870	540,804	553,066	26.5	34.3	37.6	49.6	51.0	Oklahoma.
4,838,060	2,873,134	1,580,867	1,292,267	32.4	41.0	45.4	59.8	62.7	Texas.
2,785,888	2,289,110	1,430,508	858,602	36.5	39.4	42.7	48.8	54.9	Mountain.
258,034	332,990	197,051	135,939	31.3	33.7	37.8	42.8	43.7	Montana.
252,549	336,088	171,128	164,960	27.6	29.1	33.7	39.8	42.9	Idaho.
144,618	145,911	89,207	56,704	29.4	31.1	37.3	49.8	49.8	Wyoming.
831,318	493,771	295,590	198,181	48.2	50.2	52.6	57.4	62.7	Colorado.
341,889	339,298	207,475	131,823	18.0	25.2	33.2	46.2	50.2	New Mexico.
416,000	333,587	256,673	76,914	36.1	34.4	34.8	36.5	55.5	Arizona.
449,855	239,007	158,387	80,620	48.0	52.4	55.5	59.9	65.3	Utah.
91,625	68,458	54,997	13,461	19.7	37.8	39.3	52.5	57.2	Nevada.
10,861,904	3,624,623	2,554,386	1,070,237	62.2	67.5	65.3	62.9	75.0	Pacific.
1,503,166	875,797	602,026	273,771	54.8	56.6	53.1	53.6	63.2	Washington.
819,318	702,023	473,788	228,235	49.8	51.3	48.8	48.1	53.9	Oregon.
8,539,420	2,046,803	1,478,572	568,231	67.9	73.3	71.0	67.1	80.7	California.

## No. 20.—POPULATION, BY SEX, BY STATES: 1930, 1940, AND 1950

[For U. S. totals, see also *Historical Statistics*, series B 13-15]

DIVISION AND STATE	1930			1940			1950		
	Male	Female	Males per 100 females	Male	Female	Males per 100 females	Male	Female	Males per 100 females
<b>United States</b> .....	62,137,080	60,637,966	102.5	66,061,592	65,607,683	100.7	74,833,239	75,864,122	98.6
<b>New England</b> .....	4,024,657	4,141,684	97.2	4,154,760	4,282,530	97.0	4,553,770	4,760,683	95.7
Maine.....	401,285	396,138	101.3	425,821	421,405	101.0	454,145	459,629	98.8
New Hampshire.....	231,759	233,534	99.2	244,909	246,615	99.3	262,424	270,818	96.9
Vermont.....	183,266	176,345	103.9	182,224	177,007	102.9	187,754	189,993	98.8
Massachusetts.....	2,071,672	2,177,942	95.1	2,102,479	2,214,242	95.0	2,270,367	2,420,147	93.8
Rhode Island.....	335,372	352,125	95.2	349,404	363,942	96.0	390,583	401,813	97.3
Connecticut.....	801,303	805,600	99.5	849,923	859,319	98.9	988,497	1,018,783	97.0
<b>Middle Atlantic</b> .....	13,188,681	13,072,069	100.9	13,710,692	13,828,795	99.1	14,793,099	15,370,434	96.2
New York.....	6,312,520	6,275,546	100.6	6,690,326	6,788,816	98.5	7,239,944	7,590,248	95.4
New Jersey.....	2,030,644	2,010,690	101.0	2,069,159	2,091,006	99.0	2,382,744	2,452,585	97.2
Pennsylvania.....	4,845,517	4,785,833	101.2	4,951,207	4,948,973	100.0	5,170,411	5,327,601	97.0
<b>E. North Central</b> .....	12,904,783	12,392,402	104.1	13,438,325	13,188,017	101.9	15,145,262	15,254,106	99.3
Ohio.....	3,361,141	3,285,556	102.3	3,461,072	3,446,540	100.4	3,928,534	4,018,093	97.8
Indiana.....	1,640,061	1,598,442	102.6	1,725,201	1,702,595	101.3	1,958,516	1,975,708	99.1
Illinois.....	3,873,457	3,757,197	103.1	3,957,149	3,940,092	100.4	4,319,251	4,392,925	98.3
Michigan.....	2,519,309	2,323,016	108.4	2,694,727	2,561,379	105.2	3,212,119	3,159,647	101.7
Wisconsin.....	1,510,815	1,428,191	105.8	1,600,176	1,537,411	104.1	1,726,842	1,707,733	101.1
<b>W. North Central</b> .....	6,785,442	6,511,473	104.2	6,829,335	6,687,655	102.1	7,033,415	7,027,979	100.1
Minnesota.....	1,316,571	1,247,382	105.5	1,427,545	1,364,755	104.6	1,501,208	1,481,275	101.3
Iowa.....	1,255,101	1,215,838	103.2	1,280,494	1,257,774	101.8	1,310,283	1,310,790	100.0
Missouri.....	1,822,866	1,806,501	100.9	1,881,252	1,903,412	98.8	1,940,863	2,013,790	96.4
North Dakota.....	359,615	321,230	111.9	335,402	306,533	109.4	322,944	296,692	108.8
South Dakota.....	363,650	329,199	110.5	332,514	310,447	107.1	337,251	315,489	106.9
Nebraska.....	706,348	671,615	105.2	665,768	650,046	102.4	667,332	658,178	101.4
Kansas.....	961,291	919,708	104.5	906,340	849,688	101.3	953,534	951,765	100.3
<b>South Atlantic</b> .....	7,880,634	7,912,955	99.6	8,870,589	8,952,562	99.1	10,496,597	10,685,738	98.2
Delaware.....	121,257	117,123	103.5	134,333	132,172	101.6	157,344	160,741	97.9
Maryland.....	821,009	810,517	101.3	915,038	906,206	101.0	1,166,603	1,176,398	99.2
Dist. of Col.....	231,883	254,986	90.9	317,522	345,569	91.9	377,918	424,260	89.1
Virginia.....	1,216,046	1,205,805	100.8	1,349,004	1,328,769	101.5	1,675,216	1,643,464	101.9
West Virginia.....	889,871	839,334	106.0	968,582	933,392	103.8	1,006,287	999,265	100.7
North Carolina.....	1,575,208	1,595,068	98.8	1,772,990	1,798,633	98.6	2,017,105	2,044,824	98.6
South Carolina.....	853,158	885,607	96.3	935,239	964,565	97.0	1,040,540	1,076,487	96.7
Georgia.....	1,434,527	1,473,979	97.3	1,534,758	1,588,965	96.6	1,688,667	1,755,911	96.2
Florida.....	737,675	730,636	101.0	943,123	954,291	98.8	1,366,917	1,404,388	97.3
<b>E. South Central</b> .....	4,947,502	4,939,712	100.2	5,366,024	5,412,201	99.1	5,677,525	5,799,656	97.9
Kentucky.....	1,322,793	1,291,796	102.4	1,435,812	1,409,815	101.8	1,474,987	1,469,819	100.4
Tennessee.....	1,304,559	1,311,997	99.4	1,445,829	1,470,012	98.4	1,623,107	1,668,611	97.3
Alabama.....	1,315,009	1,331,239	98.8	1,399,901	1,433,060	97.7	1,502,640	1,559,103	96.4
Mississippi.....	1,005,141	1,004,680	100.0	1,084,482	1,099,314	98.7	1,076,791	1,102,123	97.7
<b>W. South Central</b> .....	6,186,924	5,989,906	103.3	6,558,293	6,506,232	100.8	7,249,397	7,288,175	99.5
Arkansas.....	939,843	914,639	102.8	982,916	966,471	101.7	951,534	957,977	99.3
Louisiana.....	1,047,823	1,053,770	99.4	1,172,382	1,191,498	98.4	1,319,166	1,364,350	96.7
Oklahoma.....	1,233,264	1,162,776	106.1	1,181,892	1,154,542	102.4	1,115,555	1,117,796	99.8
Texas.....	2,965,994	2,858,721	103.8	3,221,103	3,193,721	100.9	3,863,142	3,848,052	100.4
<b>Mountain</b> .....	1,949,798	1,751,991	111.3	2,149,398	2,000,605	107.4	2,591,918	2,483,080	104.4
Montana.....	293,228	244,378	120.0	299,009	260,447	114.8	309,423	281,601	109.9
Idaho.....	237,347	207,685	114.3	276,579	248,294	111.4	303,237	285,400	106.2
Wyoming.....	124,785	100,780	123.8	135,055	115,687	116.7	154,853	135,676	114.1
Colorado.....	580,752	505,039	105.1	568,778	554,518	102.6	665,149	659,940	100.8
New Mexico.....	219,222	204,095	107.4	271,846	259,972	104.6	347,544	333,643	104.2
Arizona.....	231,304	204,269	113.2	258,170	241,091	107.1	379,059	370,528	102.3
Utah.....	259,999	247,848	104.9	278,620	271,690	102.6	347,636	341,226	101.9
Nevada.....	53,161	37,897	140.3	61,341	48,906	125.4	85,017	75,066	113.3
<b>Pacific</b> .....	4,268,659	3,925,774	108.7	4,984,176	4,749,086	105.0	7,292,256	7,194,271	101.4
Washington.....	826,392	737,004	112.1	905,757	830,434	109.1	1,223,851	1,155,112	106.0
Oregon.....	499,672	454,114	110.0	562,689	526,995	106.8	772,776	748,565	103.2
California.....	2,942,595	2,734,656	107.6	3,515,730	3,391,657	103.7	5,295,629	5,290,594	100.1

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Report, *Population*, Vol. II, and *U. S. Census of Population: 1950*, Vol. II, Part 1.



**No. 21.—POPULATION, BY AGE AND SEX, 1920 TO 1950, AND BY COLOR  
AND RURAL FARM, 1950**

[See also *Historical Statistics*, series B 72-144]

AGE AND SEX	1920	1930	1940	1950			
				Total	White	Nonwhite	Rural-farm population <sup>1</sup>
<b>Total</b> -----	<b>105,710,620</b>	<b>122,775,046</b>	<b>131,669,275</b>	<b>150,697,361</b>	<b>134,942,028</b>	<b>15,755,333</b>	<b>23,048,350</b>
Under 5 years-----	11,573,230	11,444,390	10,541,524	16,163,571	14,184,504	1,979,067	2,619,670
5 to 9 years-----	11,398,075	12,607,609	10,684,622	13,199,685	11,596,572	1,603,113	2,561,239
10 to 14 years-----	10,641,137	12,004,877	11,745,935	11,119,268	9,694,529	1,424,739	2,474,958
15 to 19 years-----	9,430,556	11,552,115	12,333,523	10,616,598	9,330,520	1,286,078	2,112,974
20 to 24 years-----	9,277,021	10,870,378	11,587,835	11,481,828	10,179,187	1,302,641	1,412,315
25 to 29 years-----	9,086,491	9,833,608	11,096,638	12,242,260	10,924,804	1,317,456	1,355,382
30 to 34 years-----	8,071,193	9,120,421	10,242,388	11,517,007	10,356,331	1,160,676	1,386,713
35 to 39 years-----	7,775,281	9,208,645	9,545,377	11,240,386	10,058,473	1,187,913	1,499,971
40 to 44 years-----	6,345,557	7,990,195	8,787,843	10,203,973	9,190,290	1,013,683	1,407,246
45 to 49 years-----	5,763,620	7,042,279	8,255,225	9,070,465	8,169,354	901,111	1,291,540
50 to 54 years-----	4,734,873	5,975,804	7,256,846	8,272,188	7,535,439	736,749	1,195,347
55 to 59 years-----	3,549,124	4,645,677	5,843,865	7,235,120	6,695,732	539,388	1,081,816
60 to 64 years-----	2,982,548	3,751,221	4,728,340	6,059,475	5,652,606	406,869	898,663
65 to 69 years-----	2,068,475	2,770,605	3,806,657	5,002,936	4,585,586	417,350	742,850
70 to 74 years-----	1,395,036	1,950,004	2,569,329	3,411,949	3,181,575	230,374	483,169
75 years and over-----	1,469,704	1,913,196	2,643,125	3,854,652	3,606,526	248,126	524,497
Not reported-----	143,699	94,022					
Median age-----	25.3	26.5	29.0	30.2	30.8	26.1	26.3
<b>Male</b> -----	<b>53,900,431</b>	<b>62,137,080</b>	<b>66,061,592</b>	<b>74,833,239</b>	<b>67,129,192</b>	<b>7,704,047</b>	<b>12,078,610</b>
Under 5 years-----	5,857,461	5,806,174	5,354,808	8,236,164	7,244,211	991,953	1,337,371
5 to 9 years-----	5,753,001	6,381,108	5,418,823	6,714,555	5,915,130	799,425	1,314,554
10 to 14 years-----	5,369,306	6,068,777	5,952,329	5,660,399	4,944,535	715,864	1,284,683
15 to 19 years-----	4,673,792	5,757,825	6,180,153	5,311,342	4,685,825	625,517	1,144,640
20 to 24 years-----	4,527,045	5,336,815	5,692,392	5,606,293	5,002,782	603,511	761,646
25 to 29 years-----	4,538,233	4,860,180	5,450,662	5,972,078	5,349,707	622,371	681,587
30 to 34 years-----	4,130,783	4,561,786	5,070,312	5,624,723	5,080,610	544,113	688,176
35 to 39 years-----	4,074,361	4,679,860	4,745,659	5,517,544	4,955,941	561,603	761,066
40 to 44 years-----	3,285,543	4,136,459	4,419,135	5,070,269	4,573,529	496,740	729,737
45 to 49 years-----	3,117,550	3,671,924	4,209,269	4,526,366	4,080,174	446,192	674,343
50 to 54 years-----	2,535,545	3,131,645	3,752,750	4,128,648	3,756,125	372,523	628,575
55 to 59 years-----	1,880,065	2,425,992	3,011,364	3,630,046	3,350,888	279,158	585,688
60 to 64 years-----	1,581,800	1,941,508	2,397,816	3,037,838	2,829,399	208,439	501,982
65 to 69 years-----	1,079,817	1,417,812	1,896,088	2,424,561	2,223,014	201,547	420,618
70 to 74 years-----	706,301	991,647	1,270,967	1,628,829	1,513,308	115,521	277,213
75 years and over-----	696,953	915,752	1,239,065	1,743,584	1,624,014	119,570	286,731
Not reported-----	92,875	51,816					
Median age-----	25.8	26.7	29.1	29.9	30.4	25.9	26.4
<b>Female</b> -----	<b>51,810,189</b>	<b>60,637,966</b>	<b>65,607,683</b>	<b>75,864,122</b>	<b>67,812,836</b>	<b>8,051,286</b>	<b>10,969,740</b>
Under 5 years-----	5,715,769	5,638,216	5,186,716	7,927,407	6,940,293	987,114	1,282,299
5 to 9 years-----	5,645,074	6,226,501	5,265,799	6,485,130	5,681,442	803,688	1,246,685
10 to 14 years-----	5,271,831	5,936,100	5,793,606	5,458,869	4,749,994	708,875	1,190,275
15 to 19 years-----	4,756,764	5,794,290	6,153,370	5,305,256	4,644,695	660,561	968,334
20 to 24 years-----	4,749,976	5,533,563	5,895,443	5,875,535	5,176,405	699,130	650,669
25 to 29 years-----	4,548,258	4,973,428	5,645,976	6,270,182	5,575,097	695,085	673,795
30 to 34 years-----	3,940,410	4,558,635	5,172,076	5,892,284	5,275,721	616,563	698,537
35 to 39 years-----	3,700,920	4,528,785	4,799,718	5,728,842	5,102,532	626,310	738,905
40 to 44 years-----	3,060,014	3,853,736	4,368,708	5,133,704	4,616,761	516,943	677,509
45 to 49 years-----	2,646,070	3,370,355	4,045,956	4,544,099	4,089,180	454,919	617,197
50 to 54 years-----	2,199,328	2,844,159	3,504,096	4,143,540	3,779,314	364,226	566,772
55 to 59 years-----	1,669,059	2,219,685	2,832,501	3,605,074	3,344,844	260,230	496,128
60 to 64 years-----	1,400,748	1,809,713	2,330,524	3,021,637	2,823,207	198,430	396,681
65 to 69 years-----	988,658	1,352,793	1,910,569	2,578,375	2,362,572	215,803	322,232
70 to 74 years-----	688,735	958,357	1,298,565	1,783,120	1,668,267	114,853	205,956
75 years and over-----	772,751	997,444	1,404,060	2,111,068	1,982,512	128,556	237,766
Not reported-----	55,824	42,206					
Median age-----	24.7	26.2	29.0	30.5	31.1	26.2	26.1

<sup>1</sup> Based on new urban definition (see text, p. 2, for explanation).

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.



DIVISION AND STATE	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years
<b>United States</b> .....	16, 163, 571	13, 199, 685	11, 119, 268	10, 616, 598	11, 481, 828	12, 242, 260	11, 517, 007	11, 246, 386
<b>New England</b> .....	916, 346	746, 441	604, 122	620, 680	694, 829	741, 414	718, 004	683, 944
Maine.....	99, 678	82, 366	71, 410	70, 423	66, 659	66, 240	61, 966	60, 206
New Hampshire.....	54, 519	43, 800	37, 264	37, 464	37, 961	38, 645	37, 611	36, 786
Vermont.....	41, 941	34, 434	29, 514	28, 694	27, 484	26, 787	25, 481	24, 765
Massachusetts.....	448, 816	364, 753	295, 507	308, 506	351, 612	373, 757	357, 956	342, 257
Rhode Island.....	76, 812	60, 408	48, 821	53, 935	66, 755	68, 360	62, 332	58, 918
Connecticut.....	194, 580	160, 680	121, 606	121, 658	144, 358	167, 625	172, 658	161, 012
<b>Middle Atlantic</b> .....	2, 850, 072	2, 324, 909	1, 927, 478	1, 922, 554	2, 243, 213	2, 486, 192	2, 417, 377	2, 383, 284
New York.....	1, 364, 721	1, 095, 025	892, 184	904, 034	1, 084, 812	1, 206, 923	1, 173, 267	1, 189, 912
New Jersey.....	458, 906	371, 826	290, 544	295, 859	350, 403	409, 890	409, 434	393, 917
Pennsylvania.....	1, 026, 445	858, 058	744, 750	722, 661	807, 998	869, 379	834, 676	799, 455
<b>East North Central</b> .....	3, 187, 518	2, 551, 212	2, 131, 888	1, 986, 674	2, 271, 202	2, 490, 536	2, 357, 857	2, 261, 566
Ohio.....	846, 749	657, 864	548, 981	506, 103	594, 909	663, 603	620, 853	585, 368
Indiana.....	422, 058	342, 866	288, 473	268, 034	300, 961	319, 721	292, 969	280, 012
Illinois.....	842, 842	684, 347	565, 347	542, 280	639, 444	712, 531	691, 503	678, 289
Michigan.....	703, 861	568, 686	471, 971	431, 106	491, 167	538, 093	504, 726	473, 313
Wisconsin.....	372, 008	297, 449	257, 116	239, 151	244, 721	256, 588	247, 806	244, 584
<b>West North Central</b> .....	1, 489, 292	1, 211, 857	1, 045, 215	1, 000, 110	1, 021, 699	1, 049, 916	983, 224	967, 832
Minnesota.....	332, 460	267, 652	223, 787	207, 460	213, 712	220, 780	212, 765	205, 447
Iowa.....	280, 269	226, 374	199, 225	184, 168	189, 788	192, 843	180, 966	174, 179
Missouri.....	384, 391	322, 288	279, 534	272, 330	280, 534	296, 251	276, 758	284, 299
North Dakota.....	75, 408	62, 489	54, 279	51, 213	47, 818	44, 500	42, 407	41, 880
South Dakota.....	76, 713	60, 572	53, 090	51, 179	49, 961	48, 937	45, 014	42, 142
Nebraska.....	140, 169	110, 805	97, 710	97, 265	98, 877	99, 135	90, 629	89, 661
Kansas.....	199, 882	161, 677	137, 590	136, 495	141, 009	147, 470	134, 685	130, 224
<b>South Atlantic</b> .....	2, 478, 893	2, 070, 091	1, 784, 122	1, 688, 853	1, 755, 346	1, 794, 472	1, 631, 502	1, 572, 562
Delaware.....	33, 237	26, 845	21, 875	20, 877	23, 173	26, 824	26, 727	24, 737
Maryland.....	258, 252	205, 897	161, 703	153, 620	187, 272	213, 885	199, 309	184, 729
Dist. of Columbia.....	71, 353	49, 469	40, 039	45, 411	71, 721	84, 549	74, 377	71, 693
Virginia.....	381, 478	316, 410	267, 612	266, 370	291, 406	294, 692	266, 516	248, 017
West Virginia.....	240, 107	205, 390	190, 979	166, 440	159, 550	158, 798	142, 373	137, 686
North Carolina.....	501, 632	428, 599	381, 492	365, 718	356, 326	342, 115	301, 769	289, 295
South Carolina.....	279, 603	244, 044	212, 300	194, 275	177, 014	172, 433	149, 327	146, 493
Georgia.....	422, 486	355, 208	311, 293	291, 806	276, 193	276, 270	255, 385	254, 264
Florida.....	290, 745	238, 229	196, 829	182, 336	212, 691	224, 906	215, 719	215, 648
<b>East South Central</b> .....	1, 389, 281	1, 184, 284	1, 064, 540	978, 520	902, 822	877, 099	790, 479	796, 908
Kentucky.....	346, 006	295, 383	267, 054	247, 783	226, 231	223, 963	200, 040	196, 458
Tennessee.....	379, 802	323, 029	286, 603	270, 409	265, 345	266, 935	239, 787	237, 907
Alabama.....	380, 124	326, 803	293, 440	265, 240	243, 006	234, 242	213, 437	217, 660
Mississippi.....	283, 349	239, 069	217, 443	195, 088	168, 240	151, 959	137, 215	144, 883
<b>West South Central</b> .....	1, 704, 476	1, 422, 115	1, 214, 323	1, 149, 846	1, 147, 406	1, 158, 035	1, 043, 545	1, 054, 774
Arkansas.....	228, 279	202, 063	179, 485	159, 765	134, 802	131, 082	124, 709	129, 072
Louisiana.....	334, 466	275, 105	235, 359	209, 922	212, 884	213, 003	192, 202	192, 922
Oklahoma.....	240, 458	211, 222	187, 701	178, 872	166, 422	168, 673	152, 762	155, 009
Texas.....	901, 273	733, 725	611, 778	601, 287	633, 298	645, 277	573, 872	577, 771
<b>Mountain</b> .....	621, 340	505, 804	426, 874	385, 185	391, 452	406, 893	382, 398	364, 572
Montana.....	68, 201	55, 357	46, 534	40, 640	41, 716	44, 181	45, 290	43, 063
Idaho.....	72, 633	61, 579	52, 457	44, 825	41, 382	44, 103	44, 046	42, 163
Wyoming.....	34, 297	27, 542	22, 703	22, 488	24, 135	24, 350	22, 695	21, 525
Colorado.....	148, 275	116, 442	99, 364	96, 320	102, 873	109, 354	99, 891	94, 663
New Mexico.....	94, 944	76, 998	65, 211	57, 130	57, 626	57, 426	50, 133	47, 268
Arizona.....	92, 725	78, 957	67, 395	57, 247	56, 918	59, 073	56, 400	56, 406
Utah.....	93, 307	75, 406	62, 266	57, 091	55, 787	55, 047	50, 074	45, 472
Nevada.....	16, 958	13, 523	10, 944	9, 444	11, 015	13, 359	13, 869	14, 012
<b>Pacific</b> .....	1, 526, 353	1, 182, 972	920, 706	884, 176	1, 053, 859	1, 237, 703	1, 192, 621	1, 160, 944
Washington.....	263, 326	203, 786	159, 695	157, 695	175, 619	195, 087	188, 636	180, 749
Oregon.....	163, 915	131, 596	103, 140	96, 738	105, 070	117, 706	116, 800	117, 361
California.....	1, 099, 112	847, 590	652, 871	629, 743	773, 170	924, 910	887, 185	862, 834

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950* Vol. II, Part 1.

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40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 to 84 years	85 years and over	Med- ian age	DIVISION AND STATE
10, 203, 973	9, 070, 465	8, 272, 188	7, 235, 120	6, 059, 475	5, 002, 936	3, 411, 949	3, 277, 751	576, 901	30.2	U. S.
628, 079	569, 654	553, 621	504, 874	425, 878	348, 760	252, 807	257, 706	47, 294	32.3	N. E.
57, 186	51, 593	49, 748	44, 344	38, 393	33, 952	26, 019	28, 290	5, 301	30.0	Maine.
34, 965	32, 225	31, 564	28, 429	24, 216	20, 485	16, 341	17, 482	3, 485	32.3	N. H.
23, 596	21, 336	19, 942	18, 306	15, 933	13, 838	11, 234	12, 131	2, 331	30.0	Vt.
317, 850	291, 766	286, 920	261, 480	220, 898	181, 156	130, 527	132, 729	24, 024	32.8	Mass.
53, 296	48, 489	46, 471	41, 968	34, 913	28, 087	19, 704	19, 253	3, 374	31.7	R. I.
141, 186	124, 245	118, 976	110, 347	91, 525	71, 242	48, 982	47, 821	8, 779	32.7	Conn.
2, 210, 862	1, 990, 537	1, 887, 127	1, 628, 154	1, 352, 503	1, 057, 548	710, 256	658, 610	112, 857	32.7	M. A.
1, 131, 944	1, 033, 920	981, 891	828, 417	684, 685	530, 103	352, 439	320, 376	55, 539	33.7	N. Y.
357, 760	318, 504	305, 235	263, 516	215, 546	164, 921	109, 441	101, 632	17, 995	32.9	N. J.
721, 158	638, 113	600, 001	536, 221	452, 272	362, 524	248, 376	236, 602	39, 323	31.3	Pa.
2, 060, 046	1, 872, 225	1, 738, 010	1, 573, 546	1, 321, 219	1, 048, 326	719, 093	703, 840	124, 610	31.2	E. N. C.
532, 802	477, 812	448, 936	408, 842	344, 830	281, 805	197, 945	195, 201	34, 024	31.2	Ohio.
254, 908	230, 512	212, 783	192, 925	166, 976	141, 464	99, 560	102, 055	17, 947	30.4	Ind.
622, 686	569, 734	528, 615	479, 109	401, 148	311, 223	207, 718	200, 356	35, 004	32.7	Ill.
424, 608	386, 068	350, 056	312, 685	253, 776	191, 973	127, 680	120, 310	21, 687	29.8	Mich.
225, 042	208, 099	197, 620	179, 985	154, 489	121, 861	86, 190	85, 918	15, 948	31.0	Wis.
911, 666	838, 639	795, 620	733, 557	635, 162	528, 427	380, 836	393, 344	74, 998	31.1	W. N. C.
189, 729	176, 212	170, 805	157, 690	134, 854	105, 188	73, 705	75, 332	14, 905	30.6	Minn.
162, 146	151, 624	147, 203	139, 047	120, 243	100, 809	75, 640	80, 921	15, 628	31.0	Iowa.
275, 074	252, 646	232, 304	210, 056	180, 800	157, 654	112, 868	115, 894	20, 972	32.6	Mo.
37, 958	32, 870	29, 647	27, 117	23, 854	19, 815	13, 342	12, 777	2, 262	27.1	N. Dak.
38, 495	36, 033	34, 864	32, 112	28, 332	22, 239	15, 333	14, 799	2, 925	28.6	S. Dak.
85, 161	77, 507	75, 847	70, 790	61, 575	49, 987	35, 673	37, 183	7, 536	31.0	Nebr.
123, 103	111, 747	104, 950	96, 745	85, 504	72, 735	54, 275	56, 438	10, 770	31.1	Kans.
1, 363, 632	1, 157, 345	1, 000, 527	821, 010	666, 978	589, 256	391, 143	357, 870	58, 733	27.3	S. A.
22, 143	19, 384	17, 961	15, 302	12, 680	10, 404	7, 301	7, 249	1, 366	31.2	Del.
162, 930	140, 050	125, 206	102, 064	82, 570	66, 589	45, 359	44, 022	7, 594	29.7	Md.
63, 260	54, 792	49, 678	39, 324	29, 825	23, 338	15, 751	15, 017	2, 581	32.6	D. C.
211, 251	177, 199	154, 449	126, 100	102, 656	87, 527	60, 556	56, 857	9, 584	27.3	Va.
121, 976	106, 102	92, 863	78, 814	65, 948	56, 835	38, 699	37, 010	5, 982	26.3	W. Va.
245, 000	203, 510	173, 099	137, 936	110, 141	97, 440	63, 245	55, 700	8, 912	25.0	N. C.
120, 927	99, 968	83, 431	67, 652	54, 555	52, 127	32, 061	26, 624	4, 193	23.6	S. C.
219, 640	182, 855	153, 118	126, 309	100, 096	95, 556	60, 606	54, 540	8, 953	26.2	Ga.
196, 505	173, 485	150, 722	127, 509	108, 507	99, 490	67, 505	60, 851	9, 568	30.9	Fla.
715, 668	616, 910	530, 448	444, 467	364, 016	343, 304	226, 941	215, 508	35, 986	26.2	E. S. C.
177, 177	159, 085	142, 306	123, 922	104, 155	93, 069	65, 512	65, 765	10, 897	27.0	Ky.
212, 881	180, 958	156, 013	130, 796	106, 369	97, 134	65, 570	62, 325	9, 855	27.3	Tenn.
191, 974	161, 656	135, 506	110, 774	89, 233	86, 977	54, 599	48, 705	8, 367	25.5	Ala.
133, 636	115, 211	96, 623	78, 975	64, 259	66, 124	41, 260	38, 713	6, 867	24.6	Miss.
964, 362	846, 902	711, 413	600, 524	486, 665	429, 835	284, 540	272, 535	46, 276	27.7	W. S. C.
120, 880	108, 015	91, 813	83, 144	67, 407	62, 715	41, 289	38, 956	6, 035	26.9	Ark.
175, 051	153, 951	126, 887	103, 532	81, 383	78, 961	46, 687	43, 553	7, 648	26.7	La.
147, 428	131, 715	113, 988	100, 476	84, 703	75, 260	53, 991	55, 499	9, 172	28.9	Okl.
521, 003	453, 221	378, 725	313, 372	253, 172	212, 899	142, 573	134, 227	23, 421	27.9	Tex.
321, 020	272, 268	239, 903	214, 150	184, 272	148, 095	99, 537	94, 189	17, 046	27.5	Mt.
37, 552	32, 160	28, 714	28, 812	27, 940	21, 940	13, 947	12, 692	2, 285	29.9	Mont.
37, 034	30, 706	27, 221	24, 781	22, 170	18, 019	12, 346	11, 233	1, 939	27.4	Idaho.
18, 734	15, 808	14, 588	12, 949	10, 550	7, 847	5, 033	4, 518	767	27.9	Wyo.
85, 476	74, 038	67, 698	61, 577	53, 526	44, 836	32, 182	32, 565	6, 009	29.5	Colo.
39, 572	33, 282	27, 308	23, 058	18, 167	14, 038	8, 685	8, 698	1, 643	24.0	N. Mex.
49, 785	41, 586	35, 173	29, 722	23, 959	19, 163	12, 284	10, 802	1, 992	26.8	Ariz.
40, 465	33, 994	30, 084	25, 706	21, 745	17, 505	11, 900	11, 039	1, 974	25.1	Utah.
12, 402	10, 694	9, 117	7, 545	6, 215	4, 747	3, 160	2, 642	437	31.7	Nev.
1, 028, 638	905, 985	815, 519	714, 838	622, 782	509, 385	346, 796	324, 149	59, 101	31.8	Pac.
159, 090	138, 714	125, 939	115, 306	103, 916	86, 551	59, 655	55, 144	10, 055	30.9	Wash.
105, 575	93, 228	86, 118	77, 843	68, 230	54, 455	37, 095	34, 979	6, 492	31.6	Oreg.
763, 973	674, 043	603, 462	521, 689	450, 636	368, 379	250, 046	234, 026	42, 554	32.1	Calif.



No. 23.—ESTIMATED POPULATION OF CONTINENTAL UNITED STATES, BY AGE, COLOR, AND SEX: JULY 1, 1954

[In thousands. Based on adjusted 1950 Census age data. Figures represent the sum of the total population residing in continental United States and Armed Forces overseas]

AGE	ALL CLASSES			WHITE			NONWHITE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All ages.....	162, 414	80, 696	81, 718	145, 004	72, 172	72, 832	17, 410	8, 524	8, 886
Under 5 years.....	17, 807	9, 072	8, 735	15, 436	7, 884	7, 552	2, 370	1, 188	1, 182
Under 1 year.....	3, 531	1, 798	1, 733	3, 063	1, 565	1, 499	468	233	234
1 and 2 years.....	7, 193	3, 667	3, 526	6, 244	3, 191	3, 054	949	477	472
3 and 4 years.....	7, 083	3, 607	3, 476	6, 129	3, 129	3, 000	954	478	476
5 to 9 years.....	16, 347	8, 351	7, 996	14, 286	7, 316	6, 970	2, 061	1, 035	1, 026
10 to 14 years.....	12, 886	6, 553	6, 333	11, 320	5, 771	5, 548	1, 567	781	785
15 to 19 years.....	11, 055	5, 616	5, 439	9, 659	4, 917	4, 742	1, 395	698	697
20 to 24 years.....	10, 899	5, 488	5, 411	9, 607	4, 859	4, 748	1, 292	629	663
25 to 29 years.....	11, 900	5, 867	6, 033	10, 579	5, 250	5, 329	1, 320	617	704
30 to 34 years.....	12, 343	6, 054	6, 289	11, 050	5, 440	5, 610	1, 294	614	680
35 to 39 years.....	11, 495	5, 637	5, 858	10, 358	5, 103	5, 254	1, 137	534	603
40 to 44 years.....	11, 091	5, 451	5, 640	9, 951	4, 910	5, 040	1, 141	541	600
45 to 49 years.....	9, 884	4, 899	4, 985	8, 935	4, 434	4, 501	950	466	484
50 to 54 years.....	8, 674	4, 289	4, 385	7, 853	3, 885	3, 968	821	405	417
55 to 59 years.....	7, 743	3, 804	3, 939	7, 100	3, 483	3, 618	643	321	322
60 to 64 years.....	6, 575	3, 220	3, 355	6, 089	2, 979	3, 111	486	241	245
65 to 69 years.....	5, 259	2, 552	2, 708	4, 902	2, 373	2, 528	358	178	179
70 to 74 years.....	3, 973	1, 850	2, 123	3, 707	1, 721	1, 986	267	130	137
75 years and over.....	4, 482	1, 994	2, 488	4, 174	1, 848	2, 327	308	147	161
5 to 17 years.....	35, 960	18, 324	17, 636	31, 476	16, 078	15, 398	4, 483	2, 246	2, 238
14 years and over.....	117, 664	57, 885	59, 779	105, 958	52, 219	53, 739	11, 706	5, 666	6, 040
18 years and over.....	108, 648	53, 300	55, 348	98, 091	48, 210	49, 882	10, 556	5, 090	5, 466
21 years and over.....	102, 244	50, 060	52, 184	92, 482	45, 363	47, 119	9, 763	4, 698	5, 065
65 years and over.....	13, 715	6, 396	7, 319	12, 782	5, 942	6, 841	932	454	478
Median age.....years..	30. 1	29. 5	30. 7	30. 7	30. 1	31. 4	25. 1	24. 4	25. 6

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 101.

No. 24.—SEX RATIO OF THE POPULATION, BY AGE GROUPS, 1900 TO 1954, AND BY COLOR, 1954

[Ratio represents number of males per 100 females. Figures for 1900-1950 based on complete census returns; those for 1954 are estimates as of July 1]

AGE	1900	1910	1920	1930	1940	1950 <sup>1</sup>	1954 <sup>1</sup>		
							Total	White	Nonwhite
All ages.....	<sup>2</sup> 104. 4	<sup>2</sup> 106. 0	<sup>2</sup> 104. 0	<sup>2</sup> 102. 5	100. 7	99. 2	98. 7	99. 1	95. 9
Under 15 years.....	102. 1	102. 2	102. 1	102. 6	103. 0	103. 7	104. 0	104. 5	100. 4
15 to 24 years.....	98. 1	101. 0	96. 8	97. 9	98. 5	99. 9	102. 3	103. 0	97. 5
25 to 44 years.....	108. 8	110. 2	105. 1	101. 8	98. 5	97. 1	96. 6	97. 5	89. 1
45 to 64 years.....	110. 7	114. 4	115. 2	109. 1	105. 2	100. 0	97. 3	97. 3	97. 7
65 years and over.....	102. 0	101. 1	101. 3	100. 5	95. 5	89. 7	87. 4	86. 9	95. 0

<sup>1</sup> Includes Armed Forces overseas.  
<sup>2</sup> Includes figures for "age not reported."

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 101.



# No. 25.—POPULATION, BY RACE AND SEX, 1930 TO 1950, AND BY URBAN AND RURAL, 1950

[For explanation of new urban definition, see p. 2. See also *Historical Statistics*, series B 13-23, 40-47, 167, 170]

RACE AND SEX	1930	1940	1950, NEW URBAN DEFINITION			
			Total	Urban	Rural nonfarm	Rural farm
<b>Total</b> .....	122,775,046	131,669,275	150,697,361	96,467,686	31,181,325	23,048,350
White.....	110,286,740	118,214,870	134,942,028	86,756,435	28,470,339	19,715,254
Native.....	96,303,335	106,795,732	124,780,860	78,267,570	27,350,570	19,162,720
Foreign born.....	13,983,405	11,419,138	10,161,168	8,488,865	1,119,769	552,534
Negro.....	11,891,143	12,865,518	15,042,286	9,392,608	2,491,377	3,158,301
Other races.....	597,163	588,887	713,047	318,643	219,609	174,795
Indian.....	332,397	333,969	343,410	56,108	178,678	108,624
Japanese.....	138,834	126,947	141,768	100,735	14,260	26,773
Chinese.....	74,954	77,504	117,629	109,434	5,844	2,351
All other.....	50,978	50,467	110,240	52,366	20,827	37,047
<b>Male</b> .....	62,137,080	66,061,592	74,833,239	46,891,782	15,862,347	12,078,610
White.....	55,922,528	59,448,548	67,129,192	42,249,894	14,489,275	10,390,023
Native.....	48,420,037	53,437,533	61,952,802	37,994,340	13,887,315	10,071,147
Foreign born.....	7,502,491	6,011,015	5,176,390	4,255,554	601,960	318,876
Negro.....	5,855,669	6,269,038	7,298,722	4,449,766	1,256,115	1,592,841
Other races.....	358,883	344,006	405,325	192,122	117,457	95,746
Indian.....	170,350	171,427	178,824	30,256	91,993	56,575
Japanese.....	81,771	71,967	76,649	53,458	8,139	15,052
Chinese.....	59,802	57,389	77,008	71,656	3,874	1,478
All other.....	46,960	43,223	72,844	36,752	13,451	22,641
<b>Female</b> .....	60,637,966	65,607,683	75,864,122	49,575,904	15,318,478	10,969,740
White.....	54,364,212	58,766,322	67,812,836	44,506,541	13,981,064	9,325,231
Native.....	47,883,298	53,358,199	62,828,058	40,273,230	13,463,255	9,091,573
Foreign born.....	6,480,914	5,408,123	4,984,778	4,233,311	517,809	233,658
Negro.....	6,035,474	6,596,480	7,743,564	4,942,842	1,235,262	1,565,460
Other races.....	238,280	244,881	307,722	126,521	102,152	79,049
Indian.....	162,047	162,542	164,586	25,852	86,685	52,049
Japanese.....	57,063	54,980	65,119	47,277	6,121	11,721
Chinese.....	15,152	20,115	40,621	37,778	1,970	873
All other.....	4,018	7,244	37,396	15,614	7,376	14,406

## No. 26.—POPULATION OF MINOR RACES, BY STATES: 1950

[For U. S. totals, see also *Historical Statistics*, series B 44-47]

DIVISION AND STATE	Indian	Japa- nese	Chi- nese	All other <sup>1</sup>	DIVISION AND STATE	Indian	Japa- nese	Chi- nese	All other <sup>1</sup>
<b>United States</b> .....	343,410	141,768	117,629	110,240	<b>South Atlantic—Con.</b>				
<b>New England:</b>					Virginia.....	1,056	193	565	1,100
Maine.....	1,522	30	77	78	West Virginia.....	160	46	99	98
New Hampshire.....	74	25	93	44	North Carolina.....	3,742	98	345	27,270
Vermont.....	30	14	34	38	South Carolina.....	554	34	101	856
Massachusetts.....	1,201	384	3,627	628	Georgia.....	333	128	511	267
Rhode Island.....	385	25	403	165	Florida.....	1,011	238	429	475
Connecticut.....	333	254	450	442	<b>E. S. Central:</b>				
<b>Middle Atlantic:</b>					Kentucky.....	234	74	335	152
New York.....	10,640	3,893	20,171	5,202	Tennessee.....	339	104	230	185
New Jersey.....	621	1,784	1,818	956	Alabama.....	928	88	187	1,332
Pennsylvania.....	1,141	1,029	2,258	1,251	Mississippi.....	2,502	62	1,011	213
<b>E. N. Central:</b>					<b>W. S. Central:</b>				
Ohio.....	1,146	1,986	1,542	659	Arkansas.....	533	113	592	127
Indiana.....	438	318	496	292	Louisiana.....	409	127	526	3,343
Illinois.....	1,443	11,646	4,207	2,842	Oklahoma.....	53,769	137	397	1,019
Michigan.....	7,000	1,517	1,619	1,509	Texas.....	2,736	957	2,435	1,074
Wisconsin.....	12,196	529	590	388	<b>Mountain:</b>				
<b>W. N. Central:</b>					Montana.....	16,606	524	209	415
Minnesota.....	12,533	1,049	720	462	Idaho.....	3,800	1,980	244	168
Iowa.....	1,084	310	310	131	Wyoming.....	3,237	450	106	170
Missouri.....	547	527	519	379	Colorado.....	1,567	5,412	458	822
North Dakota.....	10,766	61	82	22	New Mexico.....	41,901	251	166	250
South Dakota.....	23,344	56	44	65	Arizona.....	65,761	780	1,951	610
Nebraska.....	3,954	619	202	173	Utah.....	4,201	4,452	335	236
Kansas.....	2,381	116	315	368	Nevada.....	5,025	382	281	185
<b>South Atlantic:</b>					<b>Pacific:</b>				
Delaware.....		14	85	510	Washington.....	13,816	9,694	3,408	4,858
Maryland.....	314	289	795	656	Oregon.....	5,820	3,660	2,102	1,102
Dist. of Columbia.....	330	353	1,825	1,002	California.....	19,947	84,956	58,324	45,651

<sup>1</sup> Comprises Asiatic Indians, Koreans, Polynesians, Indonesians, and other nonwhite races; excludes Negro.

Source of tables 25 and 26: Dept. of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.

## No. 27.—POPULATION, BY RACE, BY STATES: 1930, 1940, AND 1950

[For population of minor races, see table 26. For U. S. totals, see also *Historical Statistics*, series B 18-23]

DIVISION AND STATE	1930			1940			1950		
	White	Negro	Other races	White	Negro	Other races	White	Negro	Other races
<b>U. S.</b> .....	110,286,740	11,891,143	597,163	118,214,870	12,865,518	588,887	134,942,028	15,042,286	713,047
<b>New England</b> .....	8,065,220	94,086	7,035	8,329,146	101,509	6,635	9,161,156	142,941	10,356
Maine.....	795,185	1,096	1,142	844,543	1,304	1,379	910,846	1,221	1,707
New Hampshire.....	464,351	790	152	490,989	414	121	532,275	731	236
Vermont.....	358,966	568	77	358,806	384	41	377,188	443	116
Massachusetts.....	4,192,992	52,365	4,257	4,257,596	55,391	3,734	4,611,503	73,171	5,840
Rhode Island.....	677,026	9,913	558	701,805	11,024	517	777,015	13,903	978
Connecticut.....	1,676,700	29,354	849	1,675,407	32,992	843	1,952,329	53,472	1,479
<b>Middle Atlantic</b> .....	25,178,861	1,052,899	28,990	26,237,622	1,268,366	33,499	28,237,528	1,875,241	50,764
New York.....	12,153,191	412,814	22,061	12,879,546	571,221	28,375	13,872,095	918,191	39,906
New Jersey.....	3,829,663	208,828	2,843	3,931,087	226,973	2,105	4,511,585	318,565	5,179
Pennsylvania.....	9,196,007	431,257	4,086	9,426,989	470,172	3,019	9,853,848	638,485	5,679
<b>E. N. Central</b> .....	24,335,980	930,450	30,755	25,528,451	1,069,326	28,565	28,543,307	1,803,698	52,363
Ohio.....	6,335,173	309,304	2,220	6,566,531	339,461	1,620	7,428,222	513,072	5,333
Indiana.....	3,125,778	111,982	743	3,305,323	121,916	557	3,758,512	174,168	1,544
Illinois.....	7,295,267	328,972	6,415	7,504,202	387,446	5,593	8,046,058	645,980	20,138
Michigan.....	4,663,507	169,453	9,365	5,039,643	208,345	8,118	5,917,825	442,296	11,645
Wisconsin.....	2,916,255	10,739	12,012	3,112,752	12,158	12,677	3,392,690	28,182	13,703
<b>W. N. Central</b> .....	12,913,292	331,784	51,839	13,111,519	350,992	54,479	13,576,077	424,178	61,139
Minnesota.....	2,542,599	9,445	11,909	2,768,982	9,928	13,390	2,953,697	14,022	14,764
Iowa.....	2,452,677	17,380	882	2,520,691	16,694	883	2,599,546	19,692	1,835
Missouri.....	3,403,876	223,840	1,651	3,539,187	244,386	1,091	3,655,593	297,088	1,972
North Dakota.....	671,851	377	8,617	631,464	201	10,270	608,448	257	10,931
South Dakota.....	670,269	646	21,934	619,075	474	23,412	628,504	727	23,509
Nebraska.....	1,360,023	13,752	4,188	1,297,624	14,171	4,039	1,301,328	19,234	4,948
Kansas.....	1,811,997	66,344	2,658	1,734,496	65,138	1,394	1,828,961	73,158	3,180
<b>S. Atlantic</b> .....	11,349,975	4,421,388	22,226	13,095,227	4,698,863	29,061	16,041,709	5,094,744	45,882
Delaware.....	205,718	32,602	60	230,528	35,876	101	273,878	43,598	609
Maryland.....	1,354,226	276,379	921	1,518,481	301,931	832	1,954,975	385,972	2,054
Dist. of Col.....	353,981	132,068	820	474,326	187,266	1,499	517,865	280,803	3,510
Virginia.....	1,770,441	650,165	1,245	2,015,583	661,449	741	2,581,555	734,211	2,914
West Virginia.....	1,614,191	114,893	121	1,784,102	117,754	118	1,890,282	114,867	403
North Carolina.....	2,234,958	918,647	16,671	2,567,635	981,298	22,690	2,983,121	1,047,353	31,455
South Carolina.....	944,049	793,681	1,035	1,084,308	814,164	1,332	1,293,405	822,077	1,545
Georgia.....	1,837,021	1,071,125	360	2,083,278	1,084,927	518	2,380,577	1,062,762	1,239
Florida.....	1,035,390	431,828	993	1,381,986	514,198	1,230	2,166,051	603,101	2,153
<b>E. S. Central</b> .....	7,226,017	2,658,238	2,959	7,993,755	2,780,635	3,835	8,770,570	2,698,635	7,976
Kentucky.....	2,388,452	226,040	97	2,631,425	214,031	171	2,742,090	201,921	795
Tennessee.....	2,138,644	477,646	266	2,406,906	508,736	199	2,760,257	530,603	858
Alabama.....	1,700,844	944,834	570	1,849,097	983,290	574	2,079,591	979,617	2,535
Mississippi.....	998,077	1,009,718	2,026	1,106,327	1,074,578	2,891	1,188,632	986,494	3,788
<b>W. S. Central</b> .....	9,795,977	2,281,951	98,902	10,569,596	2,425,121	69,808	12,037,250	2,432,028	68,294
Arkansas.....	1,375,315	478,463	704	1,466,084	482,578	725	1,481,507	426,639	1,365
Louisiana.....	1,322,712	776,326	2,555	1,511,739	849,303	2,838	1,796,683	882,428	4,405
Oklahoma.....	2,130,778	172,198	93,064	2,104,228	168,849	63,357	2,032,526	145,503	55,322
Texas.....	4,967,172	854,964	2,579	5,487,545	924,391	2,888	6,726,534	977,458	7,202
<b>Mountain</b> .....	3,552,900	30,225	118,664	3,978,913	36,411	134,679	4,845,634	66,429	162,935
Montana.....	519,898	1,256	16,452	540,468	1,120	17,868	572,038	1,232	17,754
Idaho.....	438,840	668	5,524	519,292	595	4,986	581,395	1,050	6,192
Wyoming.....	221,241	1,260	3,074	246,597	956	3,189	284,009	2,557	3,963
Colorado.....	1,018,793	11,828	5,170	1,106,502	12,176	4,618	1,296,653	20,177	8,259
New Mexico.....	391,095	2,850	29,372	492,312	4,672	34,834	630,211	8,408	42,568
Arizona.....	378,561	10,749	46,273	426,792	14,993	57,476	654,511	25,974	69,102
Utah.....	499,967	1,108	6,772	542,920	1,235	6,155	676,909	2,729	9,224
Nevada.....	84,515	516	6,027	104,030	664	5,553	149,908	4,302	5,873
<b>Pacific</b> .....	7,868,518	90,122	235,793	9,370,641	134,295	228,326	13,728,797	504,392	253,338
Washington.....	1,521,661	6,840	34,895	1,698,147	7,424	30,620	2,316,496	30,691	31,776
Oregon.....	938,597	2,234	12,955	1,075,731	2,565	11,388	1,497,128	11,529	12,684
California.....	5,408,260	81,048	187,943	6,596,763	124,306	186,318	9,915,173	462,172	208,878

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, *Population*, Vol. II, and *U. S. Census of Population: 1950*, Vol. II, Part 1.



## No. 28.—POPULATION, BY RACE AND SEX, BY STATES: 1950

DIVISION AND STATE	NATIVE WHITE			FOREIGN-BORN WHITE			NEGRO			OTHER RACES	
	Male	Female	Males per 100 fe- males	Male	Female	Males per 100 fe- males	Male	Female	Males per 100 fe- males	Male	Fe- male
U. S.-----	61,952,802	62,828,058	98.6	5,176,390	4,984,778	103.8	7,298,722	7,743,564	94.3	405,325	307,722
N. E.-----	3,864,460	4,010,645	96.4	611,517	674,534	90.7	71,077	71,864	98.9	6,716	3,640
Maine-----	416,975	419,529	99.4	35,528	38,814	91.5	711	510	139.4	931	776
N. H.-----	234,517	239,624	97.9	27,354	30,780	88.9	340	340	115.0	162	74
Vt.-----	173,561	174,874	99.2	13,896	14,857	93.5	228	215	106.0	69	47
Mass.-----	1,897,484	2,000,320	94.9	332,732	380,967	87.3	36,229	36,942	98.1	3,922	1,918
R. I.-----	329,223	334,528	98.4	53,595	59,669	89.8	7,087	6,816	104.0	678	300
Conn.-----	812,700	841,770	96.5	148,412	149,447	99.3	26,431	27,041	97.7	954	525
M. A.-----	11,911,435	12,418,294	95.9	1,960,199	1,947,600	100.6	888,136	987,105	90.0	33,329	17,435
N. Y.-----	5,545,758	5,825,908	95.2	1,244,395	1,256,034	99.1	423,469	494,722	85.6	26,322	13,584
N. J.-----	1,908,114	1,972,710	96.7	315,743	315,018	100.2	155,554	163,011	95.4	3,333	1,846
Pa.-----	4,457,563	4,619,676	96.5	400,061	376,548	106.2	309,113	329,372	93.8	3,674	2,005
E. N. C.-----	13,100,029	13,294,244	98.5	1,127,181	1,021,853	110.3	887,159	916,539	96.8	30,893	21,470
Ohio-----	3,441,231	3,543,833	97.1	231,156	212,002	109.0	252,827	260,245	97.1	3,320	2,013
Ind.-----	1,817,324	1,840,558	98.7	54,275	46,355	117.1	85,856	88,312	97.2	1,061	483
Ill.-----	3,588,257	3,674,524	97.7	406,691	376,586	108.0	311,760	334,220	93.3	12,543	7,595
Mich.-----	2,665,429	2,648,661	100.6	317,943	285,792	111.2	222,011	220,285	100.8	6,736	4,909
Wis.-----	1,587,788	1,586,668	100.1	117,116	101,118	115.8	14,705	13,477	109.1	7,233	6,470
W. N. C.-----	6,494,008	6,519,357	99.6	300,408	262,304	114.5	206,886	217,292	95.2	32,113	29,026
Minn.-----	1,372,269	1,371,197	100.1	113,891	96,340	118.2	7,278	6,744	107.9	7,770	6,994
Iowa-----	1,253,903	1,261,061	99.4	45,211	39,371	114.8	10,100	9,592	105.3	1,069	766
Mo.-----	1,749,524	1,814,019	96.4	47,173	44,877	105.1	142,908	154,180	92.7	1,258	714
N. Dak.-----	290,066	269,150	107.8	27,087	22,145	122.3	135	122	110.7	5,656	5,275
S. Dak.-----	307,797	289,940	106.2	17,088	13,679	124.9	448	279	160.6	11,918	11,591
Nebr.-----	624,804	619,251	100.9	30,234	27,039	111.8	9,693	9,541	101.6	2,601	2,347
Kans.-----	895,645	894,739	100.1	19,724	18,853	104.6	36,324	36,834	98.6	1,841	1,339
S. A.-----	7,805,726	7,865,448	99.2	188,040	182,495	103.0	2,477,647	2,617,097	94.7	25,184	20,698
Del.-----	127,898	132,136	96.8	7,132	6,712	106.3	21,952	21,646	101.4	362	247
Md.-----	930,354	940,181	99.0	42,356	42,084	100.6	192,537	193,435	99.5	1,356	698
D. C.-----	223,492	254,876	87.7	19,245	20,252	95.0	132,909	147,894	89.9	2,272	1,238
Va.-----	1,289,169	1,257,316	102.5	17,225	17,845	96.5	366,806	367,405	99.8	2,016	898
W. Va.-----	927,931	927,765	100.0	20,339	14,247	142.8	57,749	57,118	101.1	268	135
N. C.-----	1,481,795	1,485,192	99.8	8,045	8,089	99.5	511,265	536,088	95.4	16,000	15,455
S. O.-----	639,891	646,011	99.1	3,682	3,821	96.4	396,112	425,965	93.0	855	690
Ga.-----	1,174,509	1,189,338	98.8	8,208	8,522	96.3	505,180	557,582	90.6	770	469
Fla.-----	1,010,687	1,032,633	97.9	61,808	60,923	101.5	293,137	309,964	94.6	1,285	868
E. S. C.-----	4,343,345	4,373,965	99.3	27,265	25,995	104.9	1,302,494	1,396,141	93.3	4,421	3,555
Ky.-----	1,367,038	1,358,984	100.6	8,052	8,016	100.4	99,360	102,561	96.9	537	258
Tenn.-----	1,359,454	1,385,738	98.1	7,672	7,393	103.8	255,436	275,167	92.8	545	313
Ala.-----	1,025,567	1,040,211	98.6	7,147	6,666	107.2	468,561	511,056	91.7	1,365	1,170
Miss.-----	591,286	589,032	100.4	4,394	3,920	112.1	479,137	507,357	94.4	1,974	1,814
W. S. C.-----	5,860,387	5,843,139	100.3	175,614	158,110	111.1	1,177,966	1,254,062	93.9	35,430	32,864
Ark.-----	738,662	733,556	100.7	4,952	4,337	114.2	207,146	219,493	94.4	774	591
La.-----	876,603	891,196	98.4	15,311	13,573	112.8	424,771	457,657	92.8	2,481	1,924
Okl.-----	1,007,806	1,005,814	100.2	9,517	9,389	101.4	70,425	75,078	93.8	27,807	27,515
Tex.-----	3,237,316	3,212,573	100.8	145,834	130,811	111.5	475,624	501,834	94.8	4,368	2,834
Mt.-----	2,343,107	2,264,420	103.5	129,223	108,884	118.7	34,771	31,658	109.8	84,817	78,118
Mont.-----	274,984	253,935	108.3	24,431	18,688	130.7	695	537	129.4	9,313	8,441
Idaho-----	288,350	273,638	105.4	10,973	8,434	130.1	573	477	120.1	3,341	2,851
Wyo.-----	142,987	127,732	111.9	7,908	5,382	146.9	1,653	904	182.9	2,305	1,658
Colo.-----	618,883	618,783	100.0	31,373	27,614	113.6	10,205	9,972	102.3	4,688	3,571
N. Mex.-----	311,838	301,037	103.6	9,719	7,617	127.6	4,394	4,014	109.5	21,593	20,975
Ariz.-----	306,815	302,102	101.6	23,401	22,193	105.4	13,430	12,544	107.1	35,413	33,689
Utah-----	326,068	320,997	101.6	14,939	14,905	100.2	1,553	1,176	132.1	5,076	4,148
Nev.-----	73,182	66,196	110.6	6,479	4,051	159.9	2,268	2,034	111.5	3,088	2,785
Pac.-----	6,230,305	6,238,546	99.9	656,943	603,003	108.9	252,586	251,806	100.3	152,422	100,916
Wash.-----	1,086,458	1,039,037	104.6	101,621	89,380	113.7	17,417	13,274	131.2	18,355	13,421
Oreg.-----	714,480	699,036	102.2	45,123	38,489	117.2	5,961	5,568	107.1	7,212	5,472
Calif.-----	4,429,367	4,500,473	98.4	510,199	475,134	107.4	229,208	232,964	98.4	126,855	82,023

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II, Part 1.



No. 29.—POPULATION, BY RACE AND NATIVITY, WITH INDIVIDUAL MINOR RACES:  
1890 TO 1950

[See also *Historical Statistics*, series B 18-23, B 41-47]

CLASS	1890	1900	1910	1920	1930	1940	1950
All classes-----	62,947,714	75,994,575	91,972,266	105,710,620	122,775,046	131,669,275	150,697,361
White-----	55,101,258	66,809,196	81,731,957	94,820,915	110,286,740	118,214,870	134,942,028
Negro-----	7,488,676	8,833,994	9,827,763	10,463,131	11,891,143	12,865,518	15,042,286
Indian-----	248,253	237,196	265,683	244,437	332,397	333,969	343,410
Chinese-----	107,488	89,863	71,531	61,639	74,954	77,504	117,629
Japanese-----	2,039	24,326	72,157	111,010	138,834	126,947	141,768
All other <sup>1</sup> -----			3,175	9,488	50,978	50,467	110,240
Native (all races)-----	53,698,154	65,653,299	78,456,380	91,789,928	108,570,897	120,074,379	<sup>2</sup> 139,868,715
Foreign born (all races)-----	9,249,560	10,341,276	13,515,886	13,920,692	14,204,149	11,594,896	<sup>2</sup> 10,347,395
Native white-----	45,979,391	56,595,379	68,386,412	81,108,161	96,303,335	106,795,732	124,780,860
Foreign-born white-----	9,121,867	10,213,817	13,345,545	13,712,754	13,983,405	11,419,138	10,161,168
Percent of total-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-----	87.5	87.9	88.9	89.7	89.8	89.8	89.5
Negro-----	11.9	11.6	10.7	9.9	9.7	9.8	10.0
Indian-----	.4	.3	.3	.2	.3	.3	.2
Chinese-----	.2	.1	.1	.1	.1	.1	.1
Japanese-----	( <sup>3</sup> )	( <sup>3</sup> )	.1	.1	.1	.1	.1
All other <sup>1</sup> -----			( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Native (all races)-----	85.3	86.4	85.3	86.8	88.4	91.2	<sup>2</sup> 93.1
Foreign born (all races)-----	14.7	13.6	14.7	13.2	11.6	8.8	<sup>2</sup> 6.9
Native white-----	73.0	74.5	74.4	76.7	78.4	81.1	82.8
Foreign-born white-----	14.5	13.4	14.5	13.0	11.4	8.7	6.7

<sup>1</sup> Comprises Asiatic Indians, Koreans, Polynesians, Indonesians, and other nonwhite races.  
<sup>2</sup> Based on 20-percent sample.  
<sup>3</sup> Less than one-tenth of 1 percent.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.

No. 30.—WHITE POPULATION, BY NATIVITY AND PARENTAGE: 1890 TO 1950  
[Data for native white based on 5-percent sample for 1940; for foreign or mixed parentage based on 5-percent sample for 1940, on 20-percent sample for 1950. Native of native parentage for 1940 and 1950 obtained by subtraction]

CLASS	1890	1900	1910	1920	1930	1940	1950
Total white-----	55,101,258	66,809,196	81,731,957	94,820,915	110,286,740	118,701,558	134,942,028
Native white-----	45,979,391	56,595,379	68,386,412	81,108,161	96,303,335	107,282,420	124,780,860
Native parentage-----	34,475,716	40,949,362	49,488,575	58,421,957	70,400,952	84,124,840	101,191,375
Foreign or mixed parentage-----	11,503,675	15,646,017	18,897,837	22,686,204	25,902,383	23,157,580	23,589,485
Foreign-----	8,085,019	10,632,280	12,916,311	15,694,539	17,407,527	15,183,740	14,824,095
Mixed-----	3,418,656	5,013,737	5,981,526	6,991,665	8,494,856	7,973,840	8,765,390
Foreign-born white-----	9,121,867	10,213,817	13,345,545	13,712,754	13,983,405	11,419,138	10,161,168
PERCENT OF TOTAL POPULATION							
Total white-----	87.5	87.9	88.9	89.7	89.8	89.8	89.5
Native white-----	73.0	74.5	74.4	76.7	78.4	81.2	82.8
Native parentage-----	54.8	53.9	53.8	55.3	57.3	63.7	67.1
Foreign or mixed parentage-----	18.3	20.6	20.5	21.5	21.1	17.5	15.7
Foreign-----	12.8	14.0	14.0	14.8	14.2	11.5	9.8
Mixed-----	5.4	6.6	6.5	6.6	6.9	6.0	5.8
Foreign-born white-----	14.5	13.4	14.5	13.0	11.4	8.6	6.7

Source: Department of Commerce, Bureau of the Census; 15th Census Reports, *Population*, Vol. II; special report of 16th Census, *Nativity and Parentage of the White Population—General Characteristics*; *U. S. Census of Population: 1950*, Vol. IV, Part 3A.

## No. 31.—SELECTED CHARACTERISTICS OF THE NONWHITE POPULATION, BY RACE: 1950

[Statistics for races other than Negro based on complete count except as noted. Statistics for Negroes obtained by subtracting totals for the other races from the nonwhite totals. Figures may differ from those for corresponding items in other tables, because of different tabulations; see text, p. 1. See also *Historical Statistics*, series B 40-47]

ITEM	Total nonwhite	Negro	Indian	Japanese	Chinese	Filipino	All other <sup>1</sup>
AGE							
Total, all ages	15,755,333	15,044,598	342,226	141,365	117,140	61,636	48,368
Under 5 years	1,979,067	1,884,219	51,988	14,504	13,628	7,153	7,575
5 to 14 years	3,027,851	2,887,649	87,876	18,982	13,671	7,807	11,866
15 to 24 years	2,588,720	2,461,965	63,951	25,385	20,739	7,040	9,640
25 to 34 years	2,478,132	2,365,470	43,084	33,962	21,921	6,400	7,295
35 to 44 years	2,201,596	2,115,647	34,406	12,414	17,580	16,681	4,868
45 to 54 years	1,637,860	1,567,739	25,891	13,221	15,216	12,534	3,259
55 to 64 years	946,257	902,641	16,986	12,221	9,007	3,260	2,142
65 years and over	895,850	859,268	18,044	10,676	5,378	761	1,723
MARITAL STATUS <sup>2</sup>							
Total, 14 years old and over	<sup>3</sup> 10,997,555	10,509,140	210,609	109,453	91,181	47,272	29,900
Single	2,685,585	2,515,516	67,525	40,062	31,162	20,322	10,998
Married	6,949,065	6,670,805	120,846	62,080	54,825	23,732	16,777
Widowed or divorced	1,362,905	1,322,819	22,238	7,311	5,194	3,218	2,125
YEARS OF SCHOOL COMPLETED <sup>3</sup>							
Total, 14 years old and over	10,997,555	10,508,185	211,295	109,410	90,615	47,795	30,255
No school years completed	581,330	524,880	33,805	2,695	13,320	3,460	3,170
Elementary:							
1 to 4 years	2,354,110	2,295,855	29,100	4,400	10,805	7,885	6,065
5 to 7 years	3,009,330	2,926,425	47,460	7,285	11,380	9,200	7,580
8 years	1,327,130	1,263,795	32,585	13,760	8,575	5,540	2,875
High school:							
1 to 3 years	1,855,800	1,782,860	34,090	15,470	11,455	7,935	3,990
4 years	968,610	885,595	17,295	43,140	14,255	6,125	2,200
College:							
1 to 3 years	341,965	313,750	4,560	11,795	7,465	2,945	1,450
4 years or more	199,765	180,830	1,995	6,890	7,125	1,470	1,455
School years not reported	359,515	334,195	10,405	3,975	6,235	3,235	1,470
EMPLOYMENT STATUS <sup>2</sup>							
Total, 14 years old and over	<sup>3</sup> 10,997,555	10,509,140	210,609	109,453	91,181	47,272	29,900
Labor force	6,167,475	5,908,826	86,635	67,358	53,160	35,254	16,242
Civilian labor force	6,098,990	5,847,447	84,996	66,459	52,773	31,737	15,578
Employed	5,618,365	5,388,030	74,697	63,600	48,411	28,818	14,809
Unemployed	480,625	459,417	10,299	2,859	4,362	2,919	769
Not in labor force	4,830,080	4,600,314	123,974	42,095	38,021	12,018	13,658
MAJOR OCCUPATION GROUP <sup>4</sup>							
Total employed, 14 years old and over	<sup>4</sup> 5,607,250	5,376,917	74,697	63,600	48,409	28,818	14,809
Professional, technical, and kindred workers	190,510	179,188	2,225	4,280	3,455	649	713
Farmers and farm managers	529,230	502,088	14,327	6,972	592	1,515	3,736
Managers, officials, and proprietors, except farm	111,280	94,966	1,306	4,453	9,578	501	476
Clerical, sales, and kindred workers	273,020	250,606	3,130	9,651	7,722	1,292	619
Craftsmen, foremen, and kindred workers	295,470	282,427	6,376	3,455	1,390	1,194	628
Operatives and kindred workers	1,041,880	1,009,849	11,257	8,318	8,275	2,981	1,200
Private household workers	830,360	821,623	2,341	4,065	1,260	799	272
Service workers, ex. private household	853,610	820,699	4,880	5,491	13,940	7,859	741
Farm laborers, unpaid family workers			5,776	2,334	94	119	2,666
Farm laborers, except unpaid and farm foremen	537,180	498,046					
Laborers, except farm and mine	863,100	844,163	8,319	7,824	566	9,507	1,929
Occupation not reported	81,610	73,262	10,052	5,958	829	835	1,263
			4,708	799	708	1,567	566
INCOME IN 1949 <sup>3</sup>							
All persons, 14 years old and over <sup>5</sup>	10,997,555	10,508,185	211,295	109,410	90,615	47,795	30,255
Persons with income	6,732,580	6,451,000	112,010	68,640	51,455	33,725	15,750
Less than \$500	2,048,165	1,979,295	44,200	9,660	6,315	3,430	5,265
\$500 to \$999	1,430,855	1,378,230	26,295	9,850	7,405	6,050	3,025
\$1,000 to \$1,499	999,535	962,055	13,425	8,860	7,385	5,605	2,205
\$1,500 to \$1,999	781,225	749,235	9,095	8,775	7,720	4,705	1,695
\$2,000 to \$2,999	1,046,275	994,295	12,225	17,310	12,380	8,000	2,065
\$3,000 to \$4,999	383,270	352,605	5,645	10,920	7,675	5,325	1,100
\$5,000 and over	43,255	35,285	1,125	3,265	2,575	610	395
Median income	961	952	725	1,839	1,799	1,689	931
Income not reported	847,850	800,015	22,215	7,540	9,495	5,460	3,125

<sup>1</sup> Comprises Asiatic Indians, Koreans, Polynesians, Indonesians, and other nonwhite races.

<sup>2</sup> Total nonwhite data based on 20-percent sample; see source for sampling variability.

<sup>3</sup> Based on 20-percent sample; see source for sampling variability.

<sup>4</sup> Total nonwhite data based on 3½-percent sample; see source for sampling variability.

<sup>5</sup> Includes persons without income.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. IV, Part 3B (as revised).



# No. 32.—NATIVITY AND PARENTAGE OF THE FOREIGN WHITE STOCK, BY STATES: 1940 AND 1950

[Data for foreign-born white based on complete count; for native white of foreign or mixed parentage, based on 5-percent sample for 1940, and 20-percent sample for 1950. See source for sampling variability]

DIVISION AND STATE	1940				1950			
	Total foreign white stock		Foreign-born white	Native white of foreign or mixed parentage	Total foreign white stock		Foreign-born white	Native white of foreign or mixed parentage
	Number	Percent			Number	Percent		
<b>United States</b> .....	34,576,718	100.0	11,419,138	23,157,580	33,750,653	100.0	10,161,168	23,589,485
<b>New England:</b>								
Maine.....	257,921	.7	83,641	174,280	245,477	.7	74,342	171,135
New Hampshire.....	207,336	.6	68,296	139,040	191,664	.6	58,134	133,530
Vermont.....	102,907	.3	31,727	71,180	96,423	.3	28,753	67,670
Massachusetts.....	2,408,072	7.0	848,852	1,559,220	2,272,919	6.7	713,699	1,559,220
Rhode Island.....	416,124	1.2	137,784	278,340	387,429	1.1	113,264	274,165
Connecticut.....	954,381	2.8	327,941	626,440	964,354	2.9	297,859	666,495
<b>Middle Atlantic:</b>								
New York.....	7,133,650	20.6	2,853,530	4,280,120	6,803,774	20.2	2,500,429	4,303,345
New Jersey.....	1,971,350	5.7	695,810	1,275,540	2,013,656	6.0	630,761	1,382,895
Pennsylvania.....	3,128,900	9.0	973,260	2,155,700	2,830,289	8.4	776,609	2,053,680
<b>East North Central:</b>								
Ohio.....	1,650,306	4.8	519,266	1,131,040	1,578,548	4.7	443,158	1,135,390
Indiana.....	394,291	1.1	110,631	283,660	400,980	1.2	100,630	300,350
Illinois.....	2,933,233	8.5	969,373	1,963,860	2,684,567	8.0	783,277	1,901,290
Michigan.....	2,010,350	5.8	683,030	1,327,320	1,967,465	5.8	603,735	1,363,730
Wisconsin.....	1,199,194	3.5	288,774	910,420	1,059,349	3.1	218,234	841,115
<b>West North Central:</b>								
Minnesota.....	1,203,724	3.5	294,904	908,820	1,022,641	3.0	210,231	812,410
Iowa.....	580,585	1.7	117,245	463,340	482,637	1.4	84,582	398,055
Missouri.....	479,285	1.4	114,125	365,160	403,865	1.2	92,050	311,815
North Dakota.....	323,632	.9	74,272	249,360	241,442	.7	49,232	192,210
South Dakota.....	221,392	.6	44,052	177,340	173,752	.5	30,767	142,985
Nebraska.....	372,793	1.1	81,853	290,940	299,168	.9	57,273	241,895
Kansas.....	263,672	.8	51,412	212,260	217,997	.6	38,577	179,420
<b>South Atlantic:</b>								
Delaware.....	45,973	.1	14,833	31,140	48,304	.1	13,844	34,460
Maryland.....	265,495	.8	81,715	183,780	313,005	.9	84,440	228,565
Dist. of Columbia.....	100,314	.3	34,014	66,300	120,332	.4	39,497	80,835
Virginia.....	73,987	.2	22,987	51,000	128,920	.4	35,070	93,850
West Virginia.....	131,202	.4	41,782	89,420	110,821	.3	34,586	76,235
North Carolina.....	25,326	.1	9,046	16,280	46,334	.1	16,134	30,200
South Carolina.....	15,895	-----	4,915	10,980	24,148	.1	7,503	16,645
Georgia.....	37,576	.1	11,916	25,660	51,405	.2	16,730	34,675
Florida.....	180,921	.5	69,861	111,060	336,991	1.0	122,731	214,260
<b>East South Central:</b>								
Kentucky.....	76,331	.2	15,631	60,700	75,973	.2	16,068	59,905
Tennessee.....	41,080	.1	11,320	29,760	51,210	.2	15,065	36,145
Alabama.....	38,057	.1	11,957	26,100	46,378	.1	13,813	32,565
Mississippi.....	22,988	.1	5,988	17,000	25,269	.1	8,314	16,955
<b>West South Central:</b>								
Arkansas.....	33,292	.1	7,692	25,600	33,479	.1	9,239	24,190
Louisiana.....	110,952	.3	27,272	83,680	116,124	.3	28,884	87,240
Oklahoma.....	98,319	.3	20,359	77,960	84,461	.3	18,906	65,555
Texas.....	811,808	2.3	234,888	577,420	932,280	2.8	276,645	655,635
<b>Mountain:</b>								
Montana.....	200,662	.6	55,642	145,020	168,184	.5	43,119	125,065
Idaho.....	103,716	.3	24,116	79,600	88,427	.3	19,407	69,020
Wyoming.....	61,259	.2	16,779	44,480	53,490	.2	13,290	40,200
Colorado.....	260,011	.7	70,471	189,540	244,897	.7	58,987	185,910
New Mexico.....	54,047	.2	15,247	38,800	60,621	.2	17,336	43,285
Arizona.....	122,817	.4	36,837	85,980	156,399	.5	45,594	110,805
Utah.....	138,738	.4	32,298	106,440	135,159	.4	29,844	105,315
Nevada.....	32,719	.1	10,599	22,120	34,795	.1	10,530	24,265
<b>Pacific:</b>								
Washington.....	591,803	1.7	203,163	388,640	633,421	1.9	191,001	442,420
Oregon.....	281,279	.8	87,639	193,640	309,042	.9	83,612	225,430
California.....	2,406,993	6.9	870,893	1,536,100	2,982,388	8.8	985,333	1,997,055

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, *Nativity and Parentage of the White Population—General Characteristics*; U. S. Census of Population: 1950, Vol. IV, Part 3A.



No. 33.—NATIVITY AND PARENTAGE OF THE FOREIGN WHITE STOCK, BY COUNTRY OF ORIGIN: 1940 AND 1950

[Data for foreign-born white based on complete count; for native white of foreign or mixed parentage, based on 5-percent sample for 1940, and 20-percent sample for 1950. See source for sampling variability]

COUNTRY OF BIRTH	1940				1950			
	Total foreign white stock		Foreign-born white	Native white of foreign or mixed parentage	Total foreign white stock		Foreign-born white	Native white of foreign or mixed parentage
	Number	Percent			Number	Percent		
All countries.....	34, 576, 718	100. 0	11, 419, 138	23, 157, 580	33, 750, 653	100. 0	10, 161, 168	23, 589, 485
England and Wales.....	2, 124, 235	6. 1	657, 335	1, 466, 900	2, 027, 845	6. 0	584, 615	1, 443, 230
Scotland.....	725, 861	2. 1	279, 321	446, 540	707, 525	2. 1	244, 200	463, 325
Northern Ireland.....	377, 236	1. 1	106, 416	270, 820	45, 288	. 1	15, 398	29, 890
Ireland (Eire).....	2, 410, 951	7. 0	572, 031	1, 838, 920	2, 396, 456	7. 1	504, 961	1, 891, 495
Norway.....	924, 688	2. 7	262, 088	662, 600	854, 674	2. 5	202, 294	652, 380
Sweden.....	1, 301, 390	3. 8	445, 070	856, 320	1, 189, 639	3. 5	324, 944	864, 695
Denmark.....	443, 815	1. 3	138, 175	305, 640	426, 607	1. 3	107, 897	318, 710
Netherlands.....	372, 384	1. 1	111, 064	261, 320	374, 668	1. 1	102, 133	272, 535
Belgium.....	130, 358	. 4	53, 958	76, 400	138, 391	. 4	52, 891	85, 500
Switzerland.....	293, 973	. 9	88, 293	205, 680	287, 175	. 9	71, 515	215, 660
France.....	349, 050	1. 0	102, 930	246, 120	361, 589	1. 1	107, 924	253, 665
Germany.....	5, 236, 612	15. 1	1, 237, 772	3, 998, 840	4, 726, 946	14. 0	984, 331	3, 742, 615
Poland.....	2, 905, 859	8. 4	993, 479	1, 912, 380	2, 786, 199	8. 3	861, 184	1, 925, 015
Czechoslovakia.....	984, 591	2. 8	319, 971	664, 620	984, 158	2. 9	278, 268	705, 890
Austria.....	1, 261, 246	3. 6	479, 906	781, 340	1, 225, 250	3. 6	408, 785	816, 465
Hungary.....	662, 068	1. 9	290, 228	371, 840	705, 102	2. 1	268, 022	437, 080
Yugoslavia.....	383, 393	1. 1	161, 093	222, 300	383, 876	1. 1	143, 956	239, 920
U. S. S. R.....	2, 610, 244	7. 5	1, 040, 884	1, 569, 360	2, 542, 264	7. 5	894, 844	1, 647, 420
Lithuania.....	394, 811	1. 1	165, 771	229, 040	397, 590	1. 2	147, 765	249, 825
Finland.....	284, 290	. 8	117, 210	167, 080	267, 876	. 8	95, 506	172, 370
Rumania.....	247, 700	. 7	115, 940	131, 760	215, 052	. 6	84, 952	130, 100
Greece.....	326, 672	. 9	163, 252	163, 420	364, 318	1. 1	169, 083	195, 235
Italy.....	4, 594, 780	13. 3	1, 623, 580	2, 971, 200	4, 570, 550	13. 5	1, 427, 145	3, 143, 405
Spain.....	109, 407	. 3	47, 707	61, 700	115, 055	. 3	45, 565	69, 490
Portugal.....	176, 407	. 5	62, 347	114, 060	172, 012	. 5	54, 337	117, 675
Other Europe.....	132, 211	. 4	60, 511	71, 700	214, 405	. 6	86, 375	128, 030
Asia.....	341, 541	1. 0	154, 321	187, 220	419, 549	1. 2	180, 024	239, 525
Canada-French.....	908, 386	2. 6	273, 366	635, 020	757, 904	2. 2	238, 409	519, 495
Canada-other.....	2, 048, 774	5. 9	792, 114	1, 256, 660	2, 224, 478	6. 6	756, 153	1, 468, 325
Mexico.....	1, 076, 653	3. 1	377, 433	699, 220	1, 342, 542	4. 0	450, 562	891, 980
Other America.....	133, 282	. 6	66, 942	66, 340	221, 537	. 7	120, 297	101, 240
All other and not reported.....	303, 850	. 9	58, 630	245, 220	304, 133	. 9	146, 833	157, 300

Source: Department of Commerce, Bureau of the Census; special report of the Sixteenth Census, *Nativity and Parentage of the White Population—Country of Origin*; U. S. Census of Population: 1950, Vol. IV, Part 3A.

No. 34.—POPULATION 21 YEARS OLD AND OVER, BY SEX, CITIZENSHIP, AND NATIVITY,  
BY STATES: 1950

[See also *Historical Statistics*, series B 244-250, 258, and 272]

DIVISION AND STATE	Total, 21 years old and over	SEX		CITIZENSHIP					FOREIGN BORN	
		Male	Female	Citizen			Alien	Citi- zen- ship not re- ported	Total, 21 years old and over	Per- cent nat- ural- ized
				All citi- zens	Native	Natu- ralized				
U. S. ....	97,403,307	47,853,694	49,549,613	94,802,019	87,330,121	7,471,898	1,870,005	731,283	10,073,186	74.2
<b>N. E.:</b>										
Maine .....	576,840	283,509	293,331	552,096	504,964	47,132	19,319	5,425	71,876	65.6
N. H. ....	352,780	171,020	181,760	337,585	295,955	41,630	11,053	4,142	56,825	73.3
Vt. ....	237,552	116,599	120,953	229,500	210,298	19,202	6,400	1,652	27,254	70.5
Mass. ....	3,206,104	1,520,510	1,685,594	3,038,491	2,498,008	540,483	124,845	42,768	708,096	76.3
R. I. ....	538,124	259,666	278,458	514,009	425,657	88,352	17,810	6,305	112,467	78.6
Conn. ....	1,382,373	670,521	711,852	1,297,483	1,089,300	208,183	62,739	22,151	293,073	71.0
<b>M. A.:</b>										
N. Y. ....	10,374,446	4,994,060	5,380,386	9,796,079	7,869,379	1,926,700	436,252	142,115	2,505,067	76.9
N. J. ....	3,354,160	1,628,358	1,725,802	3,217,130	2,733,221	483,909	100,099	36,931	620,939	77.9
Pa. ....	6,997,219	3,408,977	3,588,242	6,829,625	6,231,007	598,618	101,426	66,168	766,212	78.1
<b>E. N. C.:</b>										
Ohio .....	5,279,761	2,586,095	2,693,666	5,181,253	4,844,999	336,254	68,327	30,181	434,762	77.3
Ind. ....	2,556,467	1,261,119	1,295,348	2,531,990	2,459,062	72,928	15,875	8,602	97,405	74.9
Ill. ....	5,958,601	2,925,046	3,033,555	5,801,882	5,183,837	618,045	94,264	62,455	774,764	79.8
Mich. ....	4,106,606	2,066,908	2,039,698	3,963,014	3,515,081	447,933	100,143	43,449	591,525	75.7
Wis. ....	2,222,423	1,112,677	1,109,746	2,184,093	2,007,432	176,661	20,420	17,910	214,991	82.2
<b>W. N. C.:</b>										
Minn. ....	1,910,153	958,369	951,784	1,873,326	1,703,035	170,291	19,217	17,610	207,118	82.2
Iowa .....	1,694,619	840,331	854,288	1,676,476	1,612,069	64,407	9,073	9,070	82,550	78.0
Mo. ....	2,643,129	1,281,239	1,361,890	2,619,739	2,553,444	66,295	11,836	11,554	89,685	73.9
N. Dak. ....	366,590	194,439	172,151	358,562	318,208	40,354	3,137	4,891	48,382	83.4
S. Dak. ....	401,146	209,349	191,797	396,511	371,156	25,355	2,189	2,446	29,990	84.5
Nebr. ....	860,391	431,142	429,249	846,047	804,295	41,752	5,697	8,647	56,096	74.4
Kans. ....	1,242,541	616,047	626,494	1,231,331	1,205,249	26,082	5,970	5,240	37,292	69.9
<b>S. A.:</b>										
Del. ....	210,918	103,149	107,769	207,410	197,406	10,004	2,259	1,249	13,512	74.0
Md. ....	1,527,089	752,882	774,207	1,500,329	1,445,339	54,990	19,129	7,631	81,750	67.3
D. C. ....	583,338	268,844	314,494	570,093	543,441	26,652	9,842	3,403	39,897	66.8
Va. ....	2,025,339	1,011,519	1,013,820	2,013,357	1,992,413	20,944	8,216	3,766	32,926	63.6
W. Va. ....	1,171,878	587,373	584,505	1,160,622	1,138,367	22,255	8,466	2,790	33,511	66.4
N. C. ....	2,311,071	1,130,024	1,181,047	2,304,999	2,296,783	8,216	3,920	2,152	14,288	57.5
S. C. ....	1,150,867	554,085	596,782	1,148,289	1,143,909	4,380	1,601	977	6,958	62.9
Ga. ....	2,008,828	964,109	1,044,719	2,003,171	1,993,283	9,888	3,433	2,174	15,545	63.6
Fla. ....	1,823,513	887,957	935,556	1,790,517	1,696,356	94,161	23,905	9,091	127,157	74.1
<b>E. S. C.:</b>										
Ky. ....	1,742,978	864,430	878,548	1,737,664	1,728,100	9,564	3,125	2,189	14,878	64.3
Tenn. ....	1,978,548	961,147	1,017,401	1,973,444	1,964,702	8,742	3,277	1,827	13,846	63.1
Ala. ....	1,747,759	843,927	903,832	1,743,611	1,734,473	9,138	2,517	1,631	13,286	68.8
Miss. ....	1,208,023	587,284	620,739	1,204,791	1,200,131	4,660	2,172	1,060	7,892	59.0
<b>W. S. C.:</b>										
Ark. ....	1,112,866	550,158	562,708	1,109,935	1,104,029	5,906	1,818	1,113	8,837	66.8
La. ....	1,587,145	770,580	816,565	1,577,244	1,569,048	18,196	6,820	3,081	28,097	64.8
Okla. ....	1,382,108	682,993	699,115	1,376,350	1,364,263	12,087	3,377	2,381	17,845	67.7
Tex. ....	4,737,225	2,351,820	2,385,405	4,587,285	4,491,044	96,241	128,038	21,902	246,181	39.1
<b>Mt.:</b>										
Mont. ....	372,345	198,368	173,977	364,203	329,984	34,219	4,420	3,722	42,361	80.8
Idaho. ....	349,016	181,675	167,341	343,811	329,614	14,197	3,365	1,840	19,402	73.2
Wyo. ....	178,581	96,131	82,450	175,136	165,414	9,722	2,294	1,151	13,167	73.8
Colo. ....	844,748	420,846	423,902	826,964	785,632	41,332	13,189	4,595	59,116	69.9
N. Mex. ....	375,887	192,582	182,805	367,433	359,683	7,750	6,348	1,606	15,704	49.4
Ariz. ....	441,889	223,303	218,586	421,146	397,585	23,561	17,257	3,486	44,304	53.2
Utah. ....	389,843	196,181	193,662	380,051	360,352	19,699	6,235	3,557	29,491	66.8
Nev. ....	107,173	57,810	49,363	103,662	96,592	7,070	2,630	881	10,581	66.8
<b>Pac.:</b>										
Wash. ....	1,559,266	799,604	759,662	1,507,786	1,367,785	140,001	36,316	15,164	191,481	73.1
Oreg. ....	1,001,716	499,726	491,990	980,192	918,268	61,924	15,192	6,332	83,448	74.2
Calif. ....	7,211,825	3,569,206	3,642,619	6,846,302	6,190,469	655,833	294,703	70,820	1,021,356	64.2

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.



# No. 35.—NATIVE POPULATION, BY STATE OF BIRTH AND BY STATE OF RESIDENCE: 1950

[Based on 20-percent sample; see source for sampling variability. Excludes small number of native persons born outside continental United States and persons for whom State of birth was not reported. For related historical data, see *Historical Statistics*, series B 182-230]

STATE	BORN IN SPECIFIED STATE			Born in and living in specified State	LIVING IN SPECIFIED STATE		
	Total	Living in other States			Total	Born in other States	
		Number	Percent			Number	Percent
United States.....	138,072,605	35,284,220	25.6	102,788,385	138,072,605	35,284,220	25.6
New England:							
Maine.....	957,500	231,770	24.2	725,730	827,820	102,090	12.3
New Hampshire.....	499,000	172,055	34.5	326,945	469,185	142,240	30.3
Vermont.....	433,295	163,320	37.7	269,975	343,945	73,970	21.5
Massachusetts.....	4,125,735	818,195	19.8	3,307,540	3,911,175	603,635	15.4
Rhode Island.....	669,170	160,970	24.1	508,200	668,355	160,155	24.0
Connecticut.....	1,534,210	325,490	21.2	1,208,720	1,681,565	472,845	28.1
Middle Atlantic:							
New York.....	11,750,830	1,994,130	17.0	9,756,700	11,716,430	1,959,730	16.7
New Jersey.....	3,493,420	679,400	19.4	2,814,020	4,132,985	1,318,965	31.9
Pennsylvania.....	10,773,650	2,334,785	21.7	8,438,865	9,588,995	1,150,130	12.0
East North Central:							
Ohio.....	6,962,625	1,340,835	19.3	5,621,790	7,392,725	1,770,935	24.0
Indiana.....	3,810,930	957,790	25.1	2,853,140	3,793,695	940,555	24.8
Illinois.....	7,835,480	1,966,250	25.1	5,869,230	7,794,005	1,924,775	24.7
Michigan.....	4,903,590	802,330	16.4	4,101,260	5,674,665	1,573,405	27.7
Wisconsin.....	3,495,725	790,835	22.6	2,704,890	3,183,480	478,590	15.0
West North Central:							
Minnesota.....	2,998,685	829,100	27.6	2,169,585	2,737,730	568,145	20.8
Iowa.....	3,230,275	1,191,140	36.9	2,039,135	2,509,015	469,880	18.7
Missouri.....	4,463,465	1,609,015	36.0	2,854,450	3,808,260	953,810	25.0
North Dakota.....	794,430	361,140	45.5	433,290	564,645	131,355	23.3
South Dakota.....	782,255	347,255	44.4	435,000	615,545	180,545	29.3
Nebraska.....	1,656,605	719,555	43.4	937,050	1,243,215	306,165	24.6
Kansas.....	2,241,870	998,300	44.5	1,243,570	1,839,495	595,925	32.4
South Atlantic:							
Delaware.....	273,230	79,045	28.9	194,185	299,795	105,610	35.2
Maryland.....	1,864,370	398,530	21.4	1,465,840	2,227,335	761,495	34.2
Dist. of Columbia.....	512,990	249,440	48.6	263,550	740,855	477,305	64.4
Virginia.....	3,391,015	954,190	28.1	2,436,825	3,246,690	809,865	24.9
West Virginia.....	2,253,340	631,785	28.0	1,621,555	1,955,920	334,365	17.1
North Carolina.....	4,430,510	900,435	20.3	3,530,075	4,005,315	475,240	11.9
South Carolina.....	2,570,065	717,835	27.9	1,852,230	2,088,220	235,990	11.3
Georgia.....	4,109,885	1,189,185	28.9	2,920,700	3,395,195	474,495	14.0
Florida.....	1,528,260	326,160	21.3	1,202,100	2,599,995	1,397,895	53.8
East South Central:							
Kentucky.....	3,762,315	1,210,885	32.2	2,551,430	2,902,510	351,080	12.1
Tennessee.....	3,669,060	1,050,145	28.6	2,618,915	3,255,640	636,725	19.6
Alabama.....	3,717,000	1,032,250	27.8	2,684,750	3,028,035	343,285	11.3
Mississippi.....	2,874,955	947,275	32.9	1,927,680	2,153,580	225,900	10.5
West South Central:							
Arkansas.....	2,563,570	1,100,335	42.9	1,463,235	1,883,905	420,670	22.3
Louisiana.....	2,859,025	616,040	21.5	2,242,985	2,630,235	387,250	14.7
Oklahoma.....	2,428,900	1,083,870	44.6	1,345,030	2,190,980	845,950	38.6
Texas.....	7,125,520	1,315,705	18.5	5,809,815	7,333,375	1,523,560	20.8
Mountain:							
Montana.....	522,670	218,165	41.7	304,505	538,505	234,000	43.5
Idaho.....	499,990	212,210	42.4	287,780	562,745	274,965	48.9
Wyoming.....	214,015	104,055	48.6	109,960	273,380	163,420	59.8
Colorado.....	1,039,055	422,135	40.6	616,920	1,240,770	623,850	50.3
New Mexico.....	572,430	203,870	35.6	368,560	653,730	285,170	43.6
Arizona.....	455,760	164,070	36.0	291,690	691,650	399,960	57.8
Utah.....	732,460	219,285	30.0	513,175	651,475	138,300	21.2
Nevada.....	92,925	45,895	49.4	47,030	146,215	99,185	67.8
Pacific:							
Washington.....	1,340,680	349,585	26.1	991,095	2,140,620	1,149,525	53.7
Oregon.....	853,720	244,615	28.7	609,105	1,414,490	805,385	56.9
California.....	4,402,145	503,565	11.4	3,898,580	9,324,515	5,425,935	58.2

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. IV, Part 4A.



# No. 36.—NATIVE POPULATION, BORN IN STATE OF RESIDENCE AND BORN ELSEWHERE: 1850 TO 1950

[See also *Historical Statistics*, series B 183-194]

YEAR	Total	Born in State of residence	BORN IN OTHER STATES		State of birth not reported	Born in outlying possessions	American citizens born abroad or at sea
			Number	Percent			
1850-----	<sup>1</sup> 17,742,961	13,457,049	4,251,250	24.0	34,662	-----	-----
1860-----	<sup>1</sup> 23,353,386	17,527,069	5,774,434	24.7	49,265	-----	2,618
1870-----	32,991,142	25,321,340	7,657,320	23.2	12,262	51	169
1880-----	43,475,840	33,882,734	9,592,764	22.1	-----	51	291
1890-----	<sup>2</sup> 53,372,703	41,871,611	11,094,108	20.8	396,652	322	10,010
1900-----	65,653,299	51,901,722	13,501,045	20.6	180,458	2,923	67,151
1910-----	78,456,380	61,185,305	16,910,114	21.6	285,685	7,365	67,911
1920-----	91,789,928	71,071,013	20,274,450	22.1	313,582	38,020	92,863
1930-----	108,570,897	82,677,619	25,388,100	23.4	238,469	136,032	130,677
1940-----	120,074,379	92,609,754	26,905,986	22.4	279,514	156,956	122,169
1950 <sup>3</sup> -----	139,868,715	102,788,385	35,284,220	25.2	1,369,785	329,970	96,355

<sup>1</sup> White and free colored population only.<sup>2</sup> Exclusive of population of Indian Territory and Indian reservations, specially enumerated in 1890, with a native population of 325,451 not distributed by State of birth. These areas were not enumerated prior to 1890.<sup>3</sup> Based on sample of 1950 Census returns; see source for sampling variability.Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. IV, Part 4A, and records.

# No. 37.—MOBILITY STATUS OF THE CIVILIAN POPULATION, BY SEX: APRIL 1952 TO 1954

[Figures based on Current Population Survey; see Sampling Note and Technical Note, p. 183]

MOBILITY STATUS AND PERIOD	Total	Male	Female	PERCENT		
				Total	Male	Female
APRIL 1951 TO APRIL 1952						
Civilian population 1 year old and over, April 1952-----	150,494,000	73,408,000	77,086,000	100.0	100.0	100.0
Same house (nonmovers)-----	120,016,000	58,356,000	61,660,000	79.7	79.5	80.0
Different house in United States (movers)---	29,840,000	14,660,000	15,180,000	19.8	20.0	19.7
Same county-----	19,874,000	9,690,000	10,184,000	13.2	13.2	13.2
Different county (migrants)-----	9,966,000	4,970,000	4,996,000	6.6	6.8	6.5
Within a State-----	4,854,000	2,416,000	2,438,000	3.2	3.3	3.2
Between States-----	5,112,000	2,554,000	2,558,000	3.4	3.5	3.3
Abroad on April 1, 1951-----	638,000	392,000	246,000	.4	.5	.3
APRIL 1952 TO APRIL 1953						
Civilian population 1 year old and over, April 1953 <sup>1</sup> -----	153,038,000	74,818,000	78,220,000	100.0	100.0	100.0
Same house (nonmovers)-----	121,512,000	59,158,000	62,354,000	79.4	79.1	79.7
Different house in United States (movers)---	30,786,000	15,074,000	15,712,000	20.1	20.1	20.1
Same county-----	20,638,000	10,032,000	10,606,000	13.5	13.4	13.6
Different county (migrants)-----	10,148,000	5,042,000	5,106,000	6.6	6.7	6.5
Within a State-----	4,626,000	2,284,000	2,342,000	3.0	3.1	3.0
Between States-----	5,522,000	2,758,000	2,764,000	3.6	3.7	3.5
Abroad on April 1, 1952-----	740,000	586,000	154,000	.5	.8	.2
APRIL 1953 TO APRIL 1954						
Civilian population 1 year old and over, April 1954-----	155,679,000	76,107,000	79,572,000	100.0	100.0	100.0
Same house (nonmovers)-----	125,654,000	61,039,000	64,615,000	80.7	80.2	81.2
Different house in United States (movers)---	29,027,000	14,333,000	14,694,000	18.6	18.8	18.5
Same county-----	19,046,000	9,399,000	9,647,000	12.2	12.3	12.1
Different county (migrants)-----	9,981,000	4,934,000	5,047,000	6.4	6.5	6.3
Within a State-----	4,947,000	2,385,000	2,562,000	3.2	3.1	3.2
Between States-----	5,034,000	2,549,000	2,485,000	3.2	3.3	3.1
Abroad on April 1, 1953-----	998,000	735,000	263,000	.6	1.0	.3

<sup>1</sup> The introduction of the new estimating procedure in 1953 had little effect upon comparability with mobility data of prior years.Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 57.

# No. 38.—MOBILITY STATUS OF THE CIVILIAN POPULATION, BY SELECTED SOCIAL AND ECONOMIC CHARACTERISTICS: APRIL 1954

[In thousands. Figures based on Current Population Survey; see Sampling Note and Technical Note, p. 183]

CHARACTERISTIC	Total civilian popu- lation	Same house (non- movers)	DIFFERENT HOUSE IN THE UNITED STATES (movers)					Abroad on April 1, 1953
			Total	Same county	Different county (migrants)			
					Total	Within a State	Between States	
Total, 1 year old and over.....	155, 679	125, 654	29, 027	19, 046	9, 981	4, 947	5, 034	998
AGE								
1 to 4 years.....	14, 220	10, 537	3, 608	2, 357	1, 251	672	579	75
5 to 13 years.....	26, 620	21, 844	4, 727	3, 231	1, 496	766	730	49
14 to 17 years.....	8, 905	7, 559	1, 331	911	420	234	186	15
18 and 19 years.....	3, 943	2, 926	1, 005	591	414	211	203	12
20 to 24 years.....	9, 314	5, 355	3, 548	2, 078	1, 470	619	851	411
25 to 29 years.....	11, 612	7, 886	3, 545	2, 263	1, 282	605	677	181
30 to 34 years.....	12, 193	9, 349	2, 772	1, 819	953	431	522	72
35 to 44 years.....	22, 413	18, 848	3, 473	2, 325	1, 148	582	566	92
45 to 64 years.....	32, 724	28, 941	3, 705	2, 609	1, 096	566	530	78
65 years and over.....	13, 735	12, 409	1, 313	862	451	261	190	13
Median age..... years.....	31. 3	33. 6	25. 4	25. 8	24. 8	24. 8	24. 8	24. 2
COLOR (percent)								
White.....	100. 0	80. 9	18. 3	11. 8	6. 6	3. 3	3. 3	0. 7
Nonwhite.....	100. 0	78. 8	20. 8	16. 0	4. 8	2. 4	2. 4	0. 4
URBAN-RURAL RESIDENCE								
Urban.....	99, 526	80, 307	18, 541	12, 456	6, 085	2, 876	3, 209	678
Rural nonfarm.....	35, 183	27, 596	7, 366	4, 458	2, 908	1, 451	1, 457	221
Rural farm.....	20, 972	17, 751	3, 121	2, 134	987	620	367	100
FARM-NONFARM RESIDENCE								
Total, 1 year old and over.....	<sup>1</sup> 154, 681	125, 654	29, 027	19, 046	9, 981	4, 947	5, 034	-----
Farm, 1954.....	<sup>1</sup> 21, 297	18, 118	3, 179	2, 174	1, 005	627	378	-----
Farm, 1953.....	<sup>1</sup> 19, 803	18, 118	1, 685	1, 353	332	267	65	-----
Nonfarm, 1953.....	<sup>1</sup> 1, 494	-----	1, 494	821	673	360	313	-----
Nonfarm, 1954.....	<sup>1</sup> 133, 384	107, 536	25, 848	16, 872	8, 976	4, 320	4, 656	-----
Farm, 1953.....	<sup>1</sup> 1, 816	-----	1, 816	1, 038	778	439	339	-----
Nonfarm, 1953.....	<sup>1</sup> 131, 568	107, 536	24, 032	15, 834	8, 198	3, 881	4, 317	-----
EMPLOYMENT STATUS								
Male, 14 years old and over.....	55, 297	44, 559	10, 065	6, 570	3, 495	1, 663	1, 832	673
In labor force.....	45, 159	35, 778	8, 751	5, 781	2, 970	1, 385	1, 585	630
Armed Forces off post <sup>2</sup> .....	822	272	433	164	269	62	207	117
Employed.....	41, 993	33, 922	7, 675	5, 268	2, 407	1, 195	1, 212	396
Unemployed.....	2, 344	1, 584	643	349	294	128	166	117
Not in labor force.....	10, 138	8, 781	1, 314	789	525	278	247	43
Female, 14 years old and over.....	59, 545	48, 713	10, 632	6, 890	3, 742	1, 849	1, 893	200
In labor force.....	19, 713	15, 893	3, 760	2, 638	1, 122	555	567	60
Employed.....	18, 593	15, 117	3, 423	2, 413	1, 010	506	504	53
Unemployed.....	1, 120	776	337	225	112	49	63	7
Not in labor force.....	39, 832	32, 820	6, 872	4, 252	2, 620	1, 294	1, 326	140

<sup>1</sup> Excludes persons whose 1953 residence was outside continental United States.

<sup>2</sup> Members of Armed Forces living off post or with their families on post.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 57.

## No. 39.—MOBILITY STATUS OF THE POPULATION, BY STATES: 1950

[Based on 20-percent sample; see source for sampling variability]

DIVISION AND STATE	Total population, 1 year old and over	RESIDENCE IN 1949				PERCENT DISTRIBUTION				
		Same house as in 1950	Different house, same county	Different county or abroad	Residence not reported	Total	Same house as in 1950	Different house, same county	Different county or abroad	Residence not reported
<b>United States</b> .....	147, 162, 995	119, 190, 100	16, 476, 275	9, 074, 960	2, 421, 660	100.0	81.0	11.2	6.2	1.6
<b>New England:</b>										
Maine.....	889, 455	763, 680	81, 565	36, 000	8, 210	100.0	85.9	9.2	4.0	.9
New Hampshire.....	519, 155	444, 465	44, 300	25, 720	4, 670	100.0	85.6	8.5	5.0	.9
Vermont.....	367, 385	307, 165	36, 815	20, 130	3, 275	100.0	83.6	10.0	5.5	.9
Massachusetts.....	4, 589, 565	4, 029, 310	329, 220	165, 100	65, 935	100.0	87.8	7.2	3.6	1.4
Rhode Island.....	773, 650	659, 960	56, 610	32, 320	24, 760	100.0	85.3	7.3	4.2	3.2
Connecticut.....	1, 960, 580	1, 711, 410	153, 200	67, 100	28, 870	100.0	87.3	7.8	3.4	1.5
<b>Middle Atlantic:</b>										
New York.....	14, 531, 260	12, 701, 260	899, 655	579, 415	350, 930	100.0	87.4	6.2	4.0	2.4
New Jersey.....	4, 732, 425	4, 117, 780	325, 215	225, 340	64, 090	100.0	87.0	6.9	4.8	1.4
Pennsylvania.....	10, 272, 065	9, 008, 420	795, 065	312, 460	156, 120	100.0	87.7	7.7	3.0	1.5
<b>East North Central:</b>										
Ohio.....	7, 741, 200	6, 441, 860	848, 825	342, 830	107, 685	100.0	83.2	11.0	4.4	1.4
Indiana.....	3, 833, 780	3, 142, 520	431, 585	220, 560	39, 115	100.0	82.0	11.3	5.8	1.0
Illinois.....	8, 513, 800	7, 130, 945	858, 710	384, 065	140, 080	100.0	83.8	10.1	4.5	1.6
Michigan.....	6, 204, 125	5, 139, 680	671, 500	302, 525	90, 420	100.0	82.8	10.8	4.9	1.5
Wisconsin.....	3, 346, 430	2, 833, 525	327, 885	156, 120	28, 900	100.0	84.7	9.8	4.7	.9
<b>West North Central:</b>										
Minnesota.....	2, 904, 505	2, 432, 510	271, 345	165, 425	35, 225	100.0	83.7	9.3	5.7	1.2
Iowa.....	2, 572, 965	2, 111, 610	257, 750	156, 760	46, 845	100.0	82.1	10.0	6.1	1.8
Missouri.....	3, 867, 885	3, 123, 310	420, 395	252, 635	71, 545	100.0	80.7	10.9	6.5	1.8
North Dakota.....	602, 920	509, 040	49, 665	38, 850	5, 365	100.0	84.4	8.2	6.4	.9
South Dakota.....	633, 975	521, 280	58, 200	48, 305	6, 190	100.0	82.2	9.2	7.6	1.0
Nebraska.....	1, 291, 920	1, 048, 090	132, 285	91, 760	19, 785	100.0	81.1	10.2	7.1	1.5
Kansas.....	1, 860, 005	1, 467, 460	204, 620	157, 255	30, 670	100.0	78.9	11.0	8.5	1.6
<b>South Atlantic:</b>										
Delaware.....	309, 560	261, 865	29, 750	12, 845	5, 100	100.0	84.6	9.6	4.1	1.6
Maryland.....	2, 284, 780	1, 861, 375	210, 020	162, 415	50, 970	100.0	81.5	9.2	7.1	2.2
Dist. of Columbia.....	786, 145	603, 055	101, 670	56, 900	24, 520	100.0	76.7	12.9	7.2	3.1
Virginia.....	3, 261, 850	2, 588, 050	313, 960	259, 355	100, 485	100.0	79.3	9.6	8.0	3.1
West Virginia.....	1, 955, 185	1, 621, 915	213, 980	98, 290	21, 000	100.0	83.0	10.9	5.0	1.1
North Carolina.....	3, 958, 510	3, 151, 175	527, 525	232, 810	47, 000	100.0	79.6	13.3	5.9	1.2
South Carolina.....	2, 061, 565	1, 646, 200	281, 145	108, 160	26, 060	100.0	79.9	13.6	5.2	1.3
Georgia.....	3, 354, 110	2, 519, 630	513, 160	272, 195	49, 125	100.0	75.1	15.3	8.1	1.5
Florida.....	2, 706, 570	1, 927, 355	425, 275	299, 695	54, 245	100.0	71.2	15.7	11.1	2.0
<b>East South Central:</b>										
Kentucky.....	2, 871, 795	2, 311, 945	363, 015	162, 505	34, 330	100.0	80.5	12.6	5.7	1.2
Tennessee.....	3, 212, 420	2, 478, 885	481, 230	207, 120	45, 185	100.0	77.2	15.0	6.4	1.4
Alabama.....	3, 002, 480	2, 317, 565	460, 750	169, 570	54, 595	100.0	77.2	15.3	5.6	1.8
Mississippi.....	2, 122, 435	1, 650, 580	296, 015	148, 280	27, 560	100.0	77.8	13.9	7.0	1.3
<b>West South Central:</b>										
Arkansas.....	1, 863, 360	1, 398, 175	292, 195	154, 720	18, 270	100.0	75.0	15.7	8.3	1.0
Louisiana.....	2, 625, 085	2, 114, 080	308, 100	148, 865	54, 040	100.0	80.5	11.7	5.7	2.1
Oklahoma.....	2, 183, 055	1, 603, 690	332, 490	219, 815	27, 060	100.0	73.5	15.2	10.1	1.2
Texas.....	7, 512, 820	5, 531, 660	1, 117, 105	763, 065	100, 990	100.0	73.6	14.9	10.2	1.3
<b>Mountain:</b>										
Montana.....	574, 280	441, 300	68, 025	56, 130	8, 825	100.0	76.8	11.8	9.8	1.5
Idaho.....	573, 045	425, 975	77, 270	63, 410	6, 390	100.0	74.3	13.5	11.1	1.1
Wyoming.....	282, 315	201, 100	39, 690	37, 645	3, 880	100.0	71.2	14.1	13.3	1.4
Colorado.....	1, 290, 475	951, 325	170, 280	149, 720	19, 150	100.0	73.7	13.2	11.6	1.5
New Mexico.....	660, 340	479, 130	87, 385	82, 865	10, 960	100.0	72.6	13.2	12.5	1.7
Arizona.....	728, 525	507, 435	125, 500	85, 075	10, 515	100.0	69.7	17.2	11.7	1.4
Utah.....	668, 005	532, 410	80, 150	50, 415	5, 030	100.0	79.7	12.0	7.5	.8
Nevada.....	156, 055	107, 735	22, 610	22, 885	2, 825	100.0	69.0	14.5	14.7	1.8
<b>Pacific:</b>										
Washington.....	2, 320, 935	1, 713, 855	348, 965	211, 890	46, 225	100.0	73.8	15.0	9.1	2.0
Oregon.....	1, 484, 225	1, 076, 775	221, 795	164, 135	21, 520	100.0	72.5	14.9	11.1	1.4
California.....	10, 344, 020	7, 520, 580	1, 712, 810	893, 510	217, 120	100.0	72.7	16.6	8.6	2.1

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II, Part 1.



**No. 40.—NUMBER OF CHILDREN EVER BORN PER 1,000 WOMEN EVER MARRIED, BY AGE OF WOMAN: APRIL 1940, 1950, AND 1952**

[Statistics for 1940 and 1950 based on sample, see source; statistics for 1952 based on Current Population Survey; see Sampling Note, p. 183]

AGE OF WOMAN	WOMEN EVER MARRIED				CHILDREN EVER BORN			
	Number, 1952 (1,000)	Percent childless			Number, 1952 (1,000)	Per 1,000 women		
		1940	1950	1952		1940	1950	1952
<b>15 to 44 years, total</b> .....	25,988	26.5	22.8	20.7	50,014	1,904	1,859	1,925
15 to 19 years.....	898	54.6	52.8	54.3	514	572	604	572
20 to 24 years.....	3,982	39.9	33.3	30.9	4,728	987	1,082	1,187
25 to 29 years.....	5,424	30.1	21.1	18.5	9,448	1,463	1,654	1,742
30 to 34 years.....	5,526	23.3	17.3	14.7	11,772	1,964	2,059	2,130
35 to 39 years.....	5,278	19.9	19.1	16.7	12,104	2,414	2,247	2,293
40 to 44 years.....	4,880	17.4	20.0	19.8	11,448	2,754	2,364	2,346
<b>45 to 49 years</b> .....	4,428	16.8	20.4	19.4	10,416	2,998	2,492	2,352
<b>50 years and over</b> .....	16,546	<sup>1</sup> 16.6	<sup>2</sup> 18.1	17.1	48,590	<sup>1</sup> 3,215	<sup>2</sup> 2,822	2,937

<sup>1</sup> For women 50 to 74 years old. <sup>2</sup> For women 50 to 59 years old.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 46, and *U. S. Census of Population: 1950*, Vol. IV, Part 5C.

**No. 41.—NUMBER OF CHILDREN EVER BORN PER 1,000 WOMEN, MARRIED, HUSBAND PRESENT, BY SELECTED CHARACTERISTICS: APRIL 1952**

[Statistics based on Current Population Survey; see Sampling Note, p. 183]

CHARACTERISTIC	WOMEN 15 TO 44 YEARS OLD				WOMEN 45 YEARS OLD AND OVER			
	Number of women (1,000)	Percent childless	Children ever born		Number of women (1,000)	Percent childless	Children ever born	
			Number (1,000)	Per 1,000 women			Number (1,000)	Per 1,000 women
RESIDENCE								
Total.....	23,050	19.8	45,324	1,966	13,458	18.1	36,706	2,727
Urban.....	15,382	21.8	26,866	1,747	8,692	19.0	21,320	2,453
Rural nonfarm.....	4,622	17.1	9,960	2,155	2,524	18.9	7,508	2,975
Rural farm.....	3,046	13.4	8,498	2,790	2,242	13.3	7,878	3,514
COLOR (percent)								
Total.....	100.0	19.8	100.0	1,966	100.0	18.1	100.0	2,727
White.....	91.0	19.1	89.1	1,925	93.9	17.5	92.7	2,693
Nonwhite.....	9.0	26.8	10.9	2,382	6.1	26.0	7.3	3,258
INCOME OF HUSBAND IN 1951 (percent)								
Total.....	100.0	19.8	100.0	1,966	100.0	18.1	100.0	2,727
Under \$1,000.....	5.6	26.6	6.8	2,386	23.4	18.4	30.5	3,551
\$1,000 to \$1,999.....	11.1	27.0	11.3	2,003	14.8	16.1	15.5	2,854
\$2,000 to \$2,999.....	21.1	22.2	20.4	1,909	17.4	19.2	17.1	2,683
\$3,000 to \$3,999.....	28.0	19.5	26.9	1,884	17.8	17.3	15.8	2,417
\$4,000 to \$4,999.....	16.5	17.1	15.7	1,874	11.3	19.6	9.0	2,178
\$5,000 to \$6,999.....	12.4	13.2	12.9	2,044	9.1	19.3	7.3	2,208
\$7,000 and over.....	5.4	13.2	6.0	2,208	6.2	15.5	4.8	2,095
MAJOR OCCUPATION GROUP OF EMPLOYED CIVILIAN HUSBAND								
Total employed.....	21,618	18.8	43,046	1,991	10,542	20.1	27,068	2,568
Professional, technical, and kindred workers.....	1,764	22.1	2,930	1,661	762	21.5	1,356	1,780
Farmers and farm managers.....	1,830	13.1	5,096	2,785	1,554	13.8	5,132	3,302
Managers, officials, and proprietors, exc. farm.....	2,710	16.2	5,068	1,870	1,808	21.1	3,804	2,104
Clerical and kindred workers.....	1,362	22.3	2,110	1,549	594	22.2	1,196	2,013
Sales workers.....	1,164	22.5	1,804	1,550	472	26.3	864	1,831
Craftsmen, foremen, and kindred workers.....	4,832	18.6	9,476	1,961	2,272	16.6	5,850	2,575
Operatives and kindred workers.....	5,030	18.6	10,156	2,019	1,532	15.8	4,332	2,828
Service workers, incl. private household.....	926	23.0	1,676	1,810	726	20.9	1,914	2,636
Farm laborers and foremen.....	384	16.8	1,050	2,734	134	9.0	562	4,194
Laborers, exc. farm and mine.....	1,616	19.8	3,680	2,277	688	17.2	2,058	2,991

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 46.

No. 42.—NUMBER OF CHILDREN EVER BORN PER 1,000 WOMEN, BY AGE, BY STATES:  
1950

[In thousands, except percents and rates. Statistics based on sample, see source for sampling variability]

DIVISION AND STATE	WOMEN 15 TO 44 YEARS OLD					WOMEN 45 TO 49 YEARS OLD				
	Num- ber of wo- men	Per- cent child- less	Children ever born			Num- ber of wo- men	Per- cent child- less	Children ever born		
			Num- ber	Per 1,000 wo- men	Per 1,000 wo- men ever mar- ried			Num- ber	Per 1,000 wo- men	Per 1,000 wo- men ever mar- ried
<b>United States</b> .....	34,295	42.1	47,788	1,393	1,859	4,480	26.8	10,268	2,292	2,492
<b>New England:</b>										
Maine.....	194	41.2	291	1,501	2,076	26	25.3	66	2,553	2,805
New Hampshire.....	112	41.8	156	1,394	1,970	16	26.5	37	2,264	2,524
Vermont.....	80	41.3	125	1,568	2,226	10	24.2	28	2,713	3,013
Massachusetts.....	1,053	47.9	1,249	1,186	1,802	154	31.8	307	2,000	2,345
Rhode Island.....	179	47.0	208	1,161	1,703	25	32.2	50	1,999	2,304
Connecticut.....	474	45.5	561	1,183	1,685	59	32.0	111	1,875	2,180
<b>Middle Atlantic:</b>										
New York.....	3,502	46.5	3,946	1,127	1,605	511	30.7	911	1,784	1,993
New Jersey.....	1,135	44.9	1,308	1,152	1,597	156	27.0	302	1,937	2,129
Pennsylvania.....	2,448	44.8	3,099	1,266	1,796	318	26.9	727	2,288	2,547
<b>East North Central:</b>										
Ohio.....	1,785	41.8	2,461	1,379	1,818	246	25.7	539	2,194	2,362
Indiana.....	876	40.0	1,250	1,427	1,839	115	23.6	272	2,363	2,525
Illinois.....	1,993	43.4	2,490	1,249	1,667	277	29.3	547	1,979	2,173
Michigan.....	1,449	40.6	2,055	1,418	1,859	184	25.6	405	2,198	2,331
Wisconsin.....	733	41.9	1,048	1,431	1,985	100	25.6	228	2,285	2,518
<b>West North Central:</b>										
Minnesota.....	639	43.1	912	1,427	2,015	86	27.8	195	2,281	2,570
Iowa.....	547	40.0	808	1,476	1,965	76	22.8	189	2,466	2,686
Missouri.....	870	43.4	1,172	1,347	1,768	128	29.9	284	2,220	2,408
North Dakota.....	130	40.5	209	1,609	2,253	15	20.2	47	3,172	3,504
South Dakota.....	134	40.7	202	1,508	2,066	17	19.9	47	2,773	2,984
Nebraska.....	281	41.9	390	1,385	1,871	40	24.6	94	2,371	2,564
Kansas.....	408	39.8	565	1,385	1,794	53	27.9	122	2,285	2,468
<b>South Atlantic:</b>										
Delaware.....	73	44.7	93	1,271	1,702	10	26.3	22	2,126	2,307
Maryland.....	557	42.5	737	1,324	1,749	69	28.8	146	2,100	2,288
Dist. of Columbia.....	217	55.8	201	925	1,338	28	40.3	44	1,546	1,806
Virginia.....	765	43.0	1,128	1,474	1,970	90	27.2	230	2,569	2,799
West Virginia.....	450	40.3	738	1,639	2,199	54	21.9	165	3,033	3,221
North Carolina.....	959	43.0	1,529	1,594	2,166	102	21.8	321	3,130	3,395
South Carolina.....	491	42.0	846	1,725	2,345	51	21.5	157	3,089	3,339
Georgia.....	804	40.2	1,314	1,633	2,096	94	25.4	264	2,805	2,994
Florida.....	642	41.5	913	1,422	1,761	90	26.5	200	2,226	2,322
<b>East South Central:</b>										
Kentucky.....	638	40.1	1,050	1,645	2,174	78	24.7	234	3,010	3,237
Tennessee.....	767	41.0	1,194	1,556	2,027	92	24.9	261	2,834	3,033
Alabama.....	710	40.2	1,197	1,687	2,203	84	22.7	252	3,011	3,222
Mississippi.....	482	39.2	874	1,813	2,334	59	21.5	187	3,175	3,351
<b>West South Central:</b>										
Arkansas.....	410	37.7	715	1,744	2,213	54	19.2	174	3,209	3,360
Louisiana.....	619	39.7	1,002	1,618	2,087	75	24.9	208	2,780	2,975
Oklahoma.....	496	37.8	792	1,594	2,002	63	22.6	168	2,664	2,791
Texas.....	1,795	39.2	2,728	1,520	1,901	215	24.1	548	2,543	2,692
<b>Mountain:</b>										
Montana.....	122	36.5	195	1,598	2,034	15	23.0	39	2,670	2,843
Idaho.....	127	31.8	230	1,808	2,248	14	17.6	42	2,957	3,050
Wyoming.....	62	33.2	100	1,613	1,981	8	17.5	20	2,572	2,685
Colorado.....	297	40.3	431	1,451	1,882	36	23.8	85	2,353	2,511
New Mexico.....	153	39.3	261	1,705	2,208	16	24.6	50	3,133	3,315
Arizona.....	171	37.4	283	1,650	2,114	19	22.2	53	2,804	2,947
Utah.....	154	34.0	267	1,728	2,242	16	14.1	49	3,116	3,267
Nevada.....	37	36.8	52	1,430	1,685	4	38.1	8	1,887	1,962
<b>Pacific:</b>										
Washington.....	513	36.3	739	1,440	1,792	64	26.0	134	2,099	2,214
Oregon.....	330	36.4	480	1,455	1,803	43	24.4	95	2,179	2,288
California.....	2,430	39.5	3,196	1,315	1,639	325	30.1	604	1,858	1,975

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. IV, Part 5C.

**No. 43.—WOMEN 15 TO 49 YEARS OLD, MARRIED, HUSBAND PRESENT, APRIL 1952, AND NUMBER OF OWN CHILDREN UNDER 5 YEARS OLD, APRIL 1940 TO 1952**

[Statistics for 1940 and 1950 based on sample, see source; statistics for 1947, 1949, and 1952 based on Current Population Survey; see Sampling Note, p. 183]

AGE OF WOMAN	1952		CHILDREN UNDER 5 PER 1,000 WOMEN				
	Women married, husband present	Children under 5 years old	1940	1947	1949	1950	1952
<b>Total, 15 to 49 years</b> -----	26,658,000	15,626,000	452	526	555	559	586
15 to 24 years-----	4,238,000	4,006,000	720	741	815	841	945
25 to 29 years-----	4,904,000	5,030,000	736	908	920	940	1,026
30 to 39 years-----	9,662,000	5,572,000	457	557	568	563	577
40 to 49 years-----	7,854,000	1,018,000	117	120	127	129	130

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 26 and 46, and *U. S. Census Population: 1950*, Vol. IV, Part 5C.

**No. 44.—MARITAL STATUS OF PERSONS 14 YEARS OLD AND OVER, BY SEX—TOTAL POPULATION, 1890 TO 1940, AND CIVILIAN POPULATION, 1947 TO 1954**

[Number in thousands. 1947-1954 based on Current Population Survey; see Sampling Note and Technical Note, p. 183. Civilian population (April 1947 to April 1954) includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. Armed Forces included are as follows: 1947, 254,000; 1948, 474,000; 1949, 393,000; 1950, 547,000; 1951, 610,000; 1952, 974,000; 1953, 982,000; 1954, 822,000]

DATE AND SEX	Popu-lation 14 years old and over	Single	Mar-ried	Wid-owed	Di-vorced	PERCENT OF TOTAL							
						Crude percent				Standardized for age <sup>1</sup>			
						Sin-gle	Mar-ried	Wid-owed	Di-vorced	Sin-gle	Mar-ried	Wid-owed	Di-vorced
MALE													
June 1890-----	<sup>2</sup> 21,501	9,379	11,205	815	49	43.6	52.1	3.8	0.2	36.7	57.9	5.0	0.2
June 1900-----	<sup>2</sup> 26,414	11,090	13,956	1,178	84	42.0	52.8	4.5	0.3	37.0	56.8	5.7	0.4
April 1910-----	<sup>2</sup> 33,362	13,485	18,093	1,471	156	40.4	54.2	4.4	0.5	36.3	57.3	5.5	0.5
January 1920-----	<sup>2</sup> 37,954	13,998	21,852	1,758	235	36.9	57.6	4.6	0.6	35.5	58.3	5.4	0.6
April 1930-----	<sup>2</sup> 45,088	16,159	26,328	2,025	489	35.8	58.4	4.5	1.1	34.7	59.1	4.9	1.1
April 1940-----	50,554	17,593	30,192	2,144	624	34.8	59.7	4.2	1.2	34.8	59.7	4.2	1.2
April 1947-----	52,350	14,760	34,638	2,134	818	28.2	66.2	4.1	1.6	30.9	63.9	3.7	1.5
April 1948-----	53,227	14,734	35,411	2,055	1,027	27.7	66.5	3.9	1.9	30.5	64.2	3.5	1.8
April 1949-----	53,448	13,952	36,474	2,181	842	26.1	68.2	4.1	1.6	29.3	65.5	3.6	1.5
March 1950-----	54,287	14,212	37,022	2,176	878	26.2	68.2	4.0	1.6	29.4	65.5	3.6	1.5
April 1951-----	53,420	12,984	37,354	2,216	866	24.3	69.9	4.1	1.6	28.2	66.7	3.5	1.5
April 1952-----	53,564	12,868	37,830	2,102	764	24.0	70.6	3.9	1.4	28.1	67.3	3.3	1.3
April 1953 <sup>3</sup> -----	54,784	13,000	38,612	2,228	944	23.7	70.5	4.1	1.7	28.3	66.8	3.3	1.6
April 1954 <sup>3</sup> -----	55,297	13,004	39,042	2,171	1,080	23.5	70.6	3.9	2.0	28.4	66.7	3.2	1.8
FEMALE													
June 1890-----	<sup>2</sup> 20,298	6,928	11,126	2,155	72	34.1	54.8	10.6	0.4	27.8	57.7	14.0	0.4
June 1900-----	<sup>2</sup> 25,024	8,337	13,814	2,718	115	33.3	55.2	10.9	0.5	28.4	57.1	13.9	0.5
April 1910-----	<sup>2</sup> 30,959	9,842	17,688	3,176	185	31.8	57.1	10.3	0.6	27.8	58.5	12.9	0.6
January 1920-----	<sup>2</sup> 36,190	10,624	21,324	3,918	273	29.4	58.9	10.8	0.8	27.4	58.9	12.8	0.8
April 1930-----	<sup>2</sup> 44,013	12,478	26,175	4,734	573	28.4	59.5	10.8	1.3	26.9	59.7	12.0	1.3
April 1940-----	50,549	13,936	30,090	5,700	823	27.6	59.5	11.3	1.6	27.6	59.5	11.3	1.6
April 1947-----	54,806	12,078	35,212	6,376	1,140	22.0	64.2	11.6	2.1	24.1	63.1	10.7	2.0
April 1948-----	55,364	11,623	35,783	6,725	1,233	21.0	64.6	12.1	2.2	23.3	63.4	11.1	2.2
April 1949-----	56,001	11,174	37,012	6,582	1,233	20.0	66.1	11.8	2.2	22.6	64.7	10.5	2.1
March 1950-----	56,635	11,126	37,451	6,838	1,220	19.6	66.1	12.1	2.2	22.5	64.8	10.6	2.1
April 1951-----	57,354	10,946	38,124	7,084	1,200	19.1	66.5	12.4	2.1	22.2	65.1	10.7	2.0
April 1952-----	58,034	11,068	38,670	6,972	1,324	19.1	66.6	12.0	2.3	22.3	65.3	10.2	2.2
April 1953 <sup>3</sup> -----	58,940	10,774	39,426	7,404	1,336	18.3	66.9	12.6	2.3	21.7	65.8	10.3	2.2
April 1954 <sup>3</sup> -----	59,542	11,043	39,869	7,256	1,374	18.5	67.0	12.2	2.3	22.0	65.8	9.8	2.2

<sup>1</sup> 1940 age distribution used as standard. Figures show percent distributions with effects of changes in age distribution removed.

<sup>2</sup> Includes marital status not reported.

<sup>3</sup> Not strictly comparable with figures for 1947 to 1952. See text, Series P-20, No. 50.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 41, 50, and 56, and records.



# No. 45.—MARITAL STATUS OF THE POPULATION 14 YEARS OLD AND OVER, BY SEX BY STATES: 1950

DIVISION AND STATE	MALE				FEMALE			
	Popula- tion 14 years old and over	Single	Married	Widowed or divorced	Popula- tion 14 years old and over	Single	Married	Widowed or divorced
<b>United States</b> .....	55,311,617	14,518,079	37,399,617	3,393,921	57,042,417	11,454,266	37,503,836	8,084,315
<b>New England</b> .....	3,455,230	991,754	2,242,187	221,289	3,709,869	933,848	2,253,679	522,342
Maine.....	331,780	89,695	217,317	24,768	342,686	74,262	217,857	50,567
New Hampshire.....	197,099	53,019	129,426	14,654	207,945	46,848	130,117	30,980
Vermont.....	136,311	39,015	87,803	9,493	141,356	32,358	87,968	21,030
Massachusetts.....	1,733,192	512,784	1,109,859	110,549	1,905,814	514,744	1,117,604	273,466
Rhode Island.....	300,768	90,590	192,099	18,079	314,531	79,889	191,832	42,810
Connecticut.....	756,080	206,651	505,683	43,746	797,537	185,747	508,301	103,489
<b>Middle Atlantic</b> .....	11,360,821	3,113,110	7,588,008	659,703	12,073,287	2,765,883	7,657,978	1,649,426
New York.....	5,616,963	1,549,627	3,751,890	315,446	6,033,574	1,396,777	3,794,988	841,809
New Jersey.....	1,838,965	484,286	1,251,995	102,684	1,931,114	412,255	1,258,965	259,894
Pennsylvania.....	3,904,893	1,079,197	2,584,123	241,573	4,108,599	956,851	2,604,025	547,723
<b>East North Central</b> .....	11,340,558	2,824,158	7,756,716	759,684	11,595,126	2,237,984	7,740,352	1,616,790
Ohio.....	2,935,808	690,429	2,038,936	206,443	3,060,868	583,658	2,034,945	442,265
Indiana.....	1,448,331	334,960	1,014,612	99,259	1,486,515	260,592	1,012,389	213,534
Illinois.....	3,309,125	846,005	2,241,186	221,934	3,418,775	674,982	2,241,529	502,264
Michigan.....	2,368,024	595,093	1,620,012	152,919	2,349,955	440,298	1,610,981	298,676
Wisconsin.....	1,278,779	357,671	841,970	79,129	1,279,013	278,454	840,508	160,051
<b>West North Central</b> .....	5,224,331	1,386,590	3,512,419	325,322	5,293,994	1,054,374	3,511,187	728,433
Minnesota.....	1,101,812	325,692	713,846	62,274	1,099,128	249,809	712,817	136,502
Iowa.....	968,920	247,531	660,592	60,797	985,169	192,515	659,523	133,131
Missouri.....	1,466,440	348,128	1,015,421	102,891	1,556,891	290,227	1,021,911	244,753
North Dakota.....	230,502	79,986	139,467	11,049	207,649	47,972	138,449	21,228
South Dakota.....	245,727	76,817	155,583	13,327	227,366	47,432	154,299	25,635
Nebraska.....	498,732	134,383	334,216	30,133	497,059	98,769	333,277	65,013
Kansas.....	712,198	174,053	493,294	44,851	720,732	127,650	490,911	102,171
<b>South Atlantic</b> .....	7,458,623	2,048,627	5,027,932	382,064	7,734,562	1,581,610	5,071,176	1,081,776
Delaware.....	117,542	29,920	80,540	7,082	122,763	25,122	80,971	16,670
Maryland.....	863,852	227,271	587,425	49,156	884,036	177,646	586,999	119,391
Dist. of Columbia.....	301,111	89,087	192,729	19,295	347,872	90,420	197,282	60,170
Virginia.....	1,210,799	360,621	789,730	60,448	1,193,627	252,810	781,345	159,472
West Virginia.....	700,823	191,284	470,057	39,482	704,919	147,899	469,136	87,884
North Carolina.....	1,390,072	409,107	926,216	54,749	1,435,312	323,484	938,634	173,194
South Carolina.....	688,217	203,243	458,583	26,121	733,249	165,525	470,145	97,579
Georgia.....	1,168,086	307,088	804,327	56,671	1,247,615	235,013	823,792	188,810
Florida.....	1,018,121	231,006	718,055	69,060	1,065,169	163,691	722,872	178,606
<b>East South Central</b> .....	3,937,390	1,033,109	2,693,580	210,701	4,109,463	797,984	2,728,773	582,706
Kentucky.....	1,039,654	282,429	695,990	61,235	1,048,459	209,319	695,284	143,856
Tennessee.....	1,149,299	292,486	793,477	63,336	1,209,638	233,525	799,722	176,391
Alabama.....	1,024,915	266,786	708,188	49,941	1,093,798	213,412	724,165	156,221
Mississippi.....	723,522	191,408	495,925	36,189	757,568	141,728	509,602	106,238
<b>West South Central</b> .....	5,163,744	1,277,456	3,581,076	305,212	5,268,309	902,033	3,592,059	774,217
Arkansas.....	659,656	158,910	460,166	40,580	675,397	113,687	464,118	97,592
Louisiana.....	914,015	236,374	630,055	47,586	968,553	185,330	643,519	139,704
Oklahoma.....	808,460	193,018	561,938	53,504	822,794	132,665	562,431	127,698
Texas.....	2,781,613	689,154	1,928,917	163,542	2,801,565	470,351	1,921,991	409,223
<b>Mountain</b> .....	1,840,271	489,896	1,230,981	119,394	1,761,165	315,813	1,218,239	227,113
Montana.....	227,271	65,864	144,198	17,209	202,470	34,687	141,691	26,092
Idaho.....	213,170	53,850	145,650	13,670	198,781	31,992	144,491	22,298
Wyoming.....	113,645	32,940	73,125	7,580	96,526	14,978	70,764	10,784
Colorado.....	489,263	126,051	330,744	32,468	490,550	89,480	328,752	72,318
New Mexico.....	233,244	66,052	154,157	13,035	223,050	44,974	152,913	25,163
Arizona.....	263,546	68,104	177,562	17,880	259,511	47,636	176,600	35,275
Utah.....	235,325	60,719	163,130	11,476	234,486	44,850	162,497	27,139
Nevada.....	64,807	16,316	42,415	6,076	55,791	7,216	40,531	8,044
<b>Pacific</b> .....	5,530,649	1,353,379	3,766,718	410,552	5,496,642	864,737	3,730,393	901,512
Washington.....	919,661	238,492	612,237	68,932	862,214	133,118	603,809	125,287
Oregon.....	576,808	131,916	401,369	43,523	561,087	84,938	397,351	78,798
California.....	4,034,180	982,971	2,753,112	298,097	4,073,341	646,681	2,729,233	697,427

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II, Part 1.

**No. 46.—MARITAL STATUS OF THE CIVILIAN POPULATION 14 YEARS OLD AND OVER,  
BY AGE AND SEX: APRIL 1954**

[In thousands, Figures based on Current Population Survey; see Sampling Note and Technical Note, p. 183]

AGE AND SEX	Total	Single	Mar- ried	Wid- owed	Di- vorced	PERCENT DISTRIBUTION				
						Total	Single	Mar- ried	Wid- owed	Di- vorced
<b>Male</b> .....	55,297	13,004	39,042	2,171	1,080	100.0	23.5	70.6	3.9	2.0
14 to 19 years.....	6,354	6,192	160	2	100.0	97.5	2.5			
20 to 24 years.....	3,902	2,113	1,751	10	28	100.0	54.2	44.9	.3	.7
25 to 34 years.....	11,514	1,962	9,309	41	202	100.0	17.0	80.8	.4	1.8
35 to 44 years.....	10,963	987	9,638	93	245	100.0	9.0	87.9	.8	2.2
45 to 54 years.....	9,163	729	7,951	186	297	100.0	8.0	86.8	2.0	3.2
55 to 64 years.....	6,987	515	5,756	547	169	100.0	7.4	82.4	7.8	2.4
65 and over.....	6,414	506	4,477	1,294	137	100.0	7.9	69.8	20.2	2.1
<b>Female</b> .....	59,542	11,043	39,869	7,256	1,374	100.0	18.5	67.0	12.2	2.3
14 to 19 years.....	6,494	5,647	831	4	12	100.0	87.0	12.8	.1	.2
20 to 24 years.....	5,412	1,660	3,648	23	81	100.0	30.7	67.4	.4	1.5
25 to 34 years.....	12,291	1,209	10,660	135	287	100.0	9.8	86.7	1.1	2.3
35 to 44 years.....	11,450	787	9,819	423	421	100.0	6.9	85.8	3.7	3.7
45 to 54 years.....	9,328	685	7,339	978	326	100.0	7.3	78.7	10.5	3.5
55 to 64 years.....	7,246	429	4,869	1,790	158	100.0	5.9	67.2	24.7	2.2
65 and over.....	7,321	626	2,703	3,903	89	100.0	8.6	36.9	53.3	1.2

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 56.

**No. 47.—HOUSEHOLDS, BY COLOR OF HEAD, WITH POPULATION PER HOUSEHOLD:  
1890 TO 1960**

[Figures for 1890 to 1950 based on complete census. Figures for March 1950 to April 1954 based on Current Population Survey; see Sampling Note and Technical Note, p. 183. Figures for 1960 based on projections of past trends. Statistics for 1900, 1930, and subsequent years represent (private) households only; those for 1890, 1910, and 1920 include the small number of hotels, institutions, and other quasi-households. For definition of households, see p. 2. See also *Historical Statistics*, series B 171-181]

DATE	HOUSEHOLDS				Popu- lation per house- hold <sup>2</sup>	COLOR OF HEAD			
	Number	Annual increase over preceding date		White		Nonwhite <sup>3</sup>			
		Number	Percent <sup>1</sup>	Number		Percent	Number	Percent	
DECENNIAL CENSUS									
1890 (June 1) -----	12,690,152			4.93	11,255,169	88.7	1,434,983	11.3	
1900 (June 1) -----	15,963,965	327,381	2.32	4.76	14,063,791	88.1	1,900,174	11.9	
1910 (Apr. 15) -----	20,255,555	434,371	2.44	4.54					
1920 (Jan. 1) -----	24,351,676	418,398	1.90	4.34	21,825,654	89.6	2,526,022	10.4	
1930 (Apr. 1) -----	29,904,663	541,755	2.02	4.11	26,982,994	90.2	2,921,669	9.8	
1940 (Apr. 1) -----	34,948,666	504,400	1.56	3.77	31,679,766	90.6	3,268,900	9.4	
1950 (Apr. 1) -----	42,857,335	790,867	2.06	3.53	38,429,035	91.0	3,822,380	9.0	
CURRENT POPULATION SURVEY									
1950 (Mar. 15) -----	43,554,000			3.47					
1951 (Apr. 15) -----	44,656,000	1,017,000	2.31	3.44					
1952 (Apr. 15) -----	45,504,000	848,000	1.88	3.44					
1953 (Apr. 15) -----	46,334,000	830,000	1.81	3.43					
1954 (Apr. 15) -----	46,893,000	559,000	1.20	3.45					
PROJECTIONS									
1960 (July 1):									
High series -----	52,402,000	887,000	1.84	<sup>5</sup> 3.39					
Medium series -----	50,822,000	633,000	1.35	<sup>5</sup> 3.47					

<sup>1</sup> Computed by compound interest formula.

<sup>2</sup> Obtained by dividing total population by number of households; hence, not strictly average size of household because total population includes members of quasi-households.

<sup>3</sup> The number of households with a Negro as head was 1,410,769 in 1890; 1,833,759 in 1900; 2,173,018 in 1910; 2,430,828 in 1920; 2,803,756 in 1930; 3,141,883 in 1940.

<sup>4</sup> Based on 20-percent sample of 1950 Census returns.

<sup>5</sup> Population base from Series P-25, No. 78. For high series, population series "A and B" was used as base, and for medium series, population series "C." See headnote, table 7.

Source: Department of Commerce, Bureau of the Census; Thirteenth Census Reports, *Population*, Vol. I; Fifteenth Census Reports, *Population*, Vol. VI; Sixteenth Census Reports, *Population*, Vol. IV, Part 1; *Families—General Characteristics: U. S. Census of Population, 1950*, Vol. II, Part 1; *Current Population Reports*, Series P-20, Nos. 42 and 55, Series P-25, No. 78; and records.



No. 48.—PERCENT DISTRIBUTION OF THE CIVILIAN POPULATION 14 YEARS OLD AND OVER, BY MARITAL STATUS, COLOR, AND SEX, BY REGIONS: APRIL 1954

[Based on Current Population Survey; see Sampling Note and Technical Note, p. 183]

MARITAL STATUS AND SEX	UNITED STATES			North-east	North Central	SOUTH			West
	Total	White	Non-white			Total	White	Non-white	
<b>Male</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single.....	23.5	23.0	27.9	25.5	23.0	23.8	22.6	29.2	19.9
Married.....	70.6	71.3	63.8	68.9	71.2	70.7	72.9	60.8	72.5
Wife present.....	67.5	68.9	54.6	65.9	68.5	67.8	71.0	53.7	68.1
Wife absent.....	3.1	2.4	9.1	3.0	2.7	2.9	1.9	7.1	4.4
Separated.....	1.4	1.0	5.6	1.4	1.0	1.7	.8	5.4	1.9
Other.....	1.6	1.4	3.6	1.6	1.7	1.2	1.1	1.7	2.5
Widowed.....	3.9	3.8	5.4	4.2	4.1	3.6	2.9	6.5	3.7
Divorced.....	2.0	1.8	2.9	1.3	1.7	1.9	1.5	3.4	3.9
<b>Female</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single.....	18.5	18.2	22.0	21.4	18.0	18.2	16.7	24.4	14.7
Married.....	67.0	67.7	59.9	64.6	68.3	66.1	68.2	57.0	70.9
Husband present.....	62.7	64.3	48.7	60.3	65.3	60.8	64.3	46.0	66.3
Husband absent.....	4.2	3.4	11.3	4.3	3.0	5.3	4.0	11.0	4.6
Separated.....	1.9	1.3	7.6	2.2	1.3	2.3	1.2	7.0	1.8
Other.....	2.3	2.2	3.7	2.1	1.7	3.0	2.7	3.9	2.8
Widowed.....	12.2	11.9	15.1	12.6	11.2	13.2	12.6	15.5	11.3
Divorced.....	2.3	2.2	3.0	1.4	2.5	2.5	2.4	3.1	3.2

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 55.

No. 49.—HOUSEHOLDS, FAMILIES, SUBFAMILIES, MARRIED COUPLES, AND UNRELATED INDIVIDUALS: APRIL 1947 TO 1954

[In thousands. Data are revised and differ slightly from those in table 50. Percent not shown where base is less than 200,000. Minus sign (—) denotes decrease. For definitions of type of unit, see pp. 2, 3]

TYPE OF UNIT	1947	1948	1949	1950 <sup>1</sup>	1951	1952	1953	1954	Percent increase, 1950 to 1954
<b>Households</b> .....	39,107	40,532	42,182	43,554	44,656	45,504	46,334	46,893	7.7
Primary families.....	34,964	36,629	38,080	38,838	39,487	40,205	40,490	40,961	5.5
Husband-wife.....	30,612	31,900	33,257	34,075	34,378	35,138	35,560	35,875	5.3
Other male head.....	1,129	1,020	1,197	1,169	1,154	1,118	1,196	1,326	13.4
Female head.....	3,223	3,709	3,626	3,594	3,955	3,949	3,734	3,760	4.6
Primary individuals.....	4,143	3,903	4,102	4,716	5,169	5,299	5,844	5,932	25.8
Male.....	1,388	1,198	1,308	1,668	1,731	1,756	1,892	1,904	14.1
Female.....	2,755	2,705	2,794	3,048	3,438	3,543	3,952	4,028	32.2
<b>Families</b> .....	35,794	37,237	38,624	39,303	39,929	40,578	40,832	41,202	4.8
Husband-wife.....	31,211	32,356	33,631	34,440	34,683	35,370	35,782	36,041	4.6
Other male head.....	1,186	1,064	1,230	1,184	1,170	1,132	1,208	1,336	12.8
Female head.....	3,397	3,817	3,763	3,679	4,076	4,076	3,842	3,825	4.0
<b>Secondary families</b> .....	830	608	544	465	442	373	342	241	—48.2
Husband-wife.....	599	456	374	365	305	232	222	166	—54.5
Other male head.....	57	44	33	15	16	14	12	10	-----
Female head.....	174	108	137	85	121	127	108	65	-----
<b>Subfamilies</b> .....	3,123	2,679	2,547	2,402	2,227	2,061	1,968	2,107	—12.3
Husband-wife.....	2,332	2,008	1,794	1,651	1,453	1,326	1,324	1,305	—21.0
Other male head.....	83	68	109	113	89	104	64	98	-----
Female head.....	708	603	644	638	685	631	580	704	10.3
<b>Married couples</b> .....	33,543	34,364	35,425	36,091	36,136	36,696	37,106	37,346	3.5
With own household.....	30,612	31,900	33,257	34,075	34,378	35,138	35,560	35,875	5.3
Without own household.....	2,931	2,464	2,168	2,016	1,758	1,558	1,546	1,471	—27.0
<b>Unrelated individuals</b> .....	8,491	8,303	8,503	9,136	9,510	9,301	9,957	9,700	6.2
Male.....	3,852	3,840	4,087	4,209	4,193	4,049	4,343	4,075	—3.2
Female.....	4,639	4,463	4,416	4,927	5,317	5,252	5,614	5,625	14.2
<b>Secondary individuals</b> .....	4,348	4,400	4,401	4,420	4,341	4,002	4,113	3,768	—14.8
Male.....	2,464	2,642	2,779	2,541	2,462	2,293	2,451	2,171	—14.6
Female.....	1,884	1,758	1,622	1,879	1,879	1,709	1,662	1,597	—15.0

<sup>1</sup> As of March.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 55.



## No. 50.—FAMILIES, BY CHARACTERISTICS: APRIL 1953

[Statistics based on Current Population Survey; see Sampling Note and Technical Note, p. 183. For definition of families, see p. 3]

CHARACTERISTIC	ALL FAMILIES		MALE HEAD				FEMALE HEAD	
			Married, wife present		Other marital status			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
RESIDENCE								
All families.....	41,020,000	100.0	35,782,000	100.0	1,396,000	100.0	3,842,000	100.0
Urban.....	26,786,000	65.3	23,082,000	64.5	830,000	59.5	2,874,000	74.8
Rural nonfarm.....	8,782,000	21.4	7,866,000	22.0	286,000	20.5	630,000	16.4
Rural farm.....	5,452,000	13.3	4,834,000	13.5	280,000	20.1	338,000	8.8
SIZE OF FAMILY								
All families.....	41,020,000	100.0	35,782,000	100.0	1,396,000	100.0	3,842,000	100.0
2 persons.....	13,760,000	33.5	11,180,000	31.2	700,000	50.1	1,880,000	48.9
3 persons.....	9,932,000	24.2	8,698,000	24.3	352,000	25.2	882,000	23.0
4 persons.....	8,328,000	20.3	7,648,000	21.4	156,000	11.2	524,000	13.6
5 persons.....	4,670,000	11.4	4,324,000	12.1	82,000	5.9	264,000	6.9
6 persons.....	2,336,000	5.7	2,120,000	5.9	66,000	4.7	150,000	3.9
7 or more.....	1,994,000	4.9	1,812,000	5.1	40,000	2.9	142,000	3.7
RELATED CHILDREN UNDER 18 YEARS OLD								
All families.....	41,020,000	100.0	35,782,000	100.0	1,396,000	100.0	3,842,000	100.0
No related children under 18.....	17,594,000	42.9	14,816,000	41.4	930,000	66.6	1,848,000	48.1
1 related child under 18.....	8,974,000	21.9	7,840,000	21.9	206,000	14.8	928,000	24.2
2 related children under 18.....	7,414,000	18.1	6,748,000	18.9	148,000	10.6	518,000	13.5
3 related children under 18.....	3,952,000	9.6	3,596,000	10.0	60,000	4.3	296,000	7.7
4 or more.....	3,086,000	7.5	2,782,000	7.8	52,000	3.7	252,000	6.6
OWN CHILDREN UNDER 18 YEARS OLD								
All families.....	41,020,000	100.0	35,782,000	100.0	1,396,000	100.0	3,842,000	100.0
No own children under 18.....	19,226,000	46.9	15,792,000	44.1	1,118,000	80.1	2,316,000	60.3
1 own child under 18.....	8,272,000	20.2	7,392,000	20.7	138,000	9.9	742,000	19.3
2 own children under 18.....	6,988,000	17.0	6,520,000	18.2	92,000	6.6	376,000	9.8
3 own children under 18.....	3,744,000	9.1	3,498,000	9.8	26,000	1.9	220,000	5.7
4 or more.....	2,790,000	6.8	2,580,000	7.2	22,000	1.6	188,000	4.9
OWN CHILDREN UNDER 6 YEARS OLD								
All families.....	41,020,000	100.0	35,782,000	100.0	1,396,000	100.0	3,842,000	100.0
No children under 6.....	28,762,000	70.1	24,140,000	67.5	1,326,000	95.0	3,296,000	85.8
1 child under 6.....	7,030,000	17.1	6,638,000	18.6	56,000	4.0	336,000	8.7
2 or more.....	5,228,000	12.7	5,004,000	14.0	14,000	1.0	210,000	5.5
MARITAL STATUS OF HEAD								
All families.....	41,020,000	100.0	35,782,000	100.0	1,396,000	100.0	3,842,000	100.0
Married, spouse present.....	35,782,000	87.2	35,782,000	100.0	-----	-----	-----	-----
Separated.....	424,000	1.0	-----	-----	70,000	5.1	354,000	9.2
Other married, spouse absent.....	590,000	1.4	-----	-----	98,000	7.0	492,000	12.8
Widowed.....	2,826,000	6.9	-----	-----	658,000	47.1	2,168,000	56.4
Divorced.....	560,000	1.4	-----	-----	80,000	5.7	480,000	12.5
Single.....	838,000	2.0	-----	-----	490,000	35.1	348,000	9.1
AGE OF HEAD								
All families.....	41,020,000	100.0	35,782,000	100.0	1,396,000	100.0	3,842,000	100.0
Under 25.....	2,016,000	4.9	1,842,000	5.1	32,000	2.3	142,000	3.7
25 to 29.....	4,200,000	10.2	3,914,000	10.9	48,000	3.4	238,000	6.2
30 to 34.....	5,032,000	12.3	4,648,000	13.0	64,000	4.6	320,000	8.3
35 to 44.....	9,634,000	23.5	8,762,000	24.5	182,000	13.0	690,000	18.0
45 to 54.....	8,442,000	20.6	7,302,000	20.4	296,000	21.2	844,000	22.0
55 to 64.....	6,340,000	15.5	5,266,000	14.7	352,000	25.2	722,000	18.8
65 to 74.....	3,872,000	9.4	3,040,000	8.5	266,000	19.1	566,000	14.7
75 and over.....	1,484,000	3.6	1,008,000	2.8	156,000	11.2	320,000	8.3
Median age (years).....	44.6	-----	43.5	-----	57.2	-----	51.3	-----

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 53.

## No. 51.—HOUSEHOLDS, MARRIED COUPLES, AND FAMILIES, BY STATES: 1950

[Data for households based on complete count; for married couples and families, based on 20-percent sample.  
For definition of households and families, see pp. 2, 3. See also *Historical Statistics*, series B 171, 173]

DIVISION AND STATE	HOUSEHOLDS			MARRIED COUPLES			FAMILIES		
	Number of households	Population in households	Population per household	Total	Without own household		Number of families	Population in families	Population per family
					Number	Percent			
<b>United States</b> .....	42,857,335	145,030,888	3.38	35,006,330	2,301,950	6.6	38,310,980	138,079,600	3.60
<b>New England</b> .....	2,616,797	8,880,812	3.39	2,090,655	149,925	7.2	2,330,245	8,467,066	3.63
Maine.....	254,668	881,015	3.46	202,000	13,085	6.5	223,175	836,318	3.75
New Hampshire.....	155,174	509,828	3.29	120,010	6,980	5.8	134,255	481,471	3.59
Vermont.....	103,538	363,298	3.51	81,430	4,885	6.0	90,100	339,894	3.77
Massachusetts.....	1,307,450	4,453,319	3.41	1,040,990	77,430	7.4	1,171,805	4,247,707	3.62
Rhode Island.....	225,558	750,558	3.33	177,595	11,770	6.6	198,630	720,485	3.63
Connecticut.....	570,409	1,922,794	3.37	468,630	35,775	7.6	512,280	1,841,191	3.59
<b>Middle Atlantic</b> .....	8,622,808	28,987,149	3.36	7,060,950	582,755	8.3	7,765,545	27,585,452	3.55
New York.....	4,329,699	14,152,766	3.27	3,484,605	281,805	8.1	3,862,050	13,383,421	3.47
New Jersey.....	1,374,477	4,658,598	3.39	1,163,365	99,285	8.5	1,263,570	4,478,335	3.54
Pennsylvania.....	2,918,632	10,175,785	3.49	2,412,980	201,665	8.4	2,639,925	9,723,696	3.68
<b>East North Central</b> .....	8,829,542	29,306,167	3.32	7,296,380	474,255	6.5	7,897,520	27,911,639	3.53
Ohio.....	2,314,629	7,692,196	3.32	1,926,050	130,105	6.8	2,077,595	7,334,428	3.53
Indiana.....	1,169,306	3,816,485	3.26	961,870	48,840	5.1	1,039,105	3,636,320	3.50
Illinois.....	2,585,772	8,341,171	3.23	2,089,470	146,280	7.0	2,287,955	7,902,731	3.45
Michigan.....	1,791,651	6,136,272	3.42	1,515,900	103,790	6.8	1,624,875	5,875,510	3.62
Wisconsin.....	968,184	3,320,043	3.43	803,090	45,240	5.6	867,990	3,162,650	3.64
<b>West North Central</b> .....	4,153,167	13,581,307	3.27	3,340,355	155,415	4.7	3,649,590	12,838,748	3.52
Minnesota.....	845,733	2,876,145	3.40	682,460	31,885	4.7	747,680	2,715,716	3.63
Iowa.....	780,999	2,538,841	3.25	633,855	26,095	4.1	686,785	2,396,930	3.49
Missouri.....	1,198,977	3,813,053	3.18	961,620	53,995	5.6	1,057,260	3,609,434	3.41
North Dakota.....	162,184	600,012	3.70	133,125	6,435	4.8	144,855	570,344	3.94
South Dakota.....	182,981	631,235	3.45	145,920	6,075	4.2	160,625	598,831	3.73
Nebraska.....	394,615	1,279,013	3.24	316,825	13,825	4.4	344,720	1,209,459	3.51
Kansas.....	587,678	1,843,008	3.14	466,550	17,105	3.7	507,665	1,738,034	3.42
<b>South Atlantic</b> .....	5,540,342	20,344,644	3.67	4,629,760	368,650	8.0	5,086,625	19,528,573	3.84
Delaware.....	90,361	307,314	3.40	72,680	5,645	7.8	79,730	290,840	3.65
Maryland.....	640,526	2,245,275	3.51	535,200	44,380	8.3	581,840	2,142,018	3.68
District of Columbia.....	224,099	715,861	3.19	169,885	24,300	14.3	198,180	646,895	3.26
Virginia.....	845,716	3,141,756	3.71	725,775	63,225	8.7	785,060	3,020,963	3.85
West Virginia.....	518,736	1,963,114	3.78	440,900	29,390	6.7	479,265	1,894,722	3.95
North Carolina.....	994,441	3,931,516	3.95	862,770	69,175	8.0	939,215	3,821,887	4.07
South Carolina.....	514,672	2,061,697	4.01	426,920	31,180	7.3	477,780	2,001,578	4.19
Georgia.....	889,809	3,335,172	3.75	746,700	54,130	7.2	824,095	3,225,245	3.91
Florida.....	821,982	2,642,939	3.22	648,930	47,225	7.3	721,460	2,484,425	3.44
<b>East South Central</b> .....	2,991,927	11,193,665	3.74	2,528,080	171,520	6.8	2,764,405	10,830,915	3.92
Kentucky.....	779,669	2,865,593	3.68	660,120	41,520	6.3	717,535	2,773,063	3.86
Tennessee.....	871,277	3,200,784	3.67	743,670	55,075	7.4	808,145	3,097,766	3.83
Alabama.....	786,205	2,999,317	3.81	662,225	44,305	6.7	729,765	2,904,633	3.98
Mississippi.....	554,776	2,128,171	3.84	462,065	30,620	6.6	508,960	2,055,403	4.04
<b>West South Central</b> .....	4,103,354	14,102,683	3.44	3,383,040	183,330	5.4	3,695,400	13,503,870	3.65
Arkansas.....	524,708	1,874,484	3.57	436,230	20,950	4.8	477,200	1,804,956	3.78
Louisiana.....	724,534	2,616,079	3.61	583,585	39,315	6.7	648,410	2,510,264	3.87
Oklahoma.....	663,292	2,166,511	3.27	539,650	23,375	4.3	590,840	2,067,089	3.50
Texas.....	2,190,820	7,445,609	3.40	1,823,575	99,690	5.5	1,973,950	7,121,561	3.60
<b>Mountain</b> .....	1,446,725	4,877,377	3.37	1,157,985	51,325	4.4	1,257,665	4,626,216	3.68
Montana.....	175,614	566,284	3.22	133,235	5,630	4.2	145,775	527,451	3.62
Idaho.....	169,264	572,854	3.38	139,305	4,840	3.5	148,710	546,466	3.67
Wyoming.....	84,288	274,991	3.26	67,585	2,615	3.9	72,235	257,860	3.57
Colorado.....	391,577	1,257,727	3.21	310,810	15,960	5.1	338,205	1,185,943	3.51
New Mexico.....	177,216	659,051	3.72	145,660	6,780	4.7	159,885	635,323	3.97
Arizona.....	210,403	721,992	3.43	165,480	8,010	4.8	181,985	685,234	3.77
Utah.....	188,075	673,447	3.58	158,130	5,600	3.5	169,925	650,076	3.83
Nevada.....	50,288	151,031	3.00	37,780	1,890	5.0	40,945	137,863	3.37
<b>Pacific</b> .....	4,552,673	13,757,084	3.02	3,519,125	164,775	4.7	3,863,985	12,787,121	3.31
Washington.....	736,988	2,243,893	3.04	574,555	20,795	3.6	625,185	2,098,105	3.36
Oregon.....	479,294	1,467,556	3.06	381,275	14,590	3.8	411,690	1,374,351	3.34
California.....	3,336,391	10,045,635	3.01	2,563,295	129,390	5.0	2,827,110	9,314,665	3.29

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.



## No. 52.—HOUSEHOLDS, URBAN AND RURAL, 1950, AND NUMBER OF HOUSEHOLDS, 1930 AND 1940, BY STATES

[For definition of households, see p. 2. See also *Historical Statistics*, series B 171-175]

DIVISION AND STATE	Households, 1930	Households, 1940	HOUSEHOLDS, 1950			
			Total	Urban	Rural nonfarm	Rural farm
<b>United States</b> .....	29,904,663	34,948,666	42,857,335	28,509,435	8,580,048	5,767,852
<b>New England</b> .....	1,981,499	2,208,351	2,616,797	2,012,071	500,021	104,705
Maine.....	197,826	220,272	254,668	134,077	89,760	30,831
New Hampshire.....	119,337	133,714	155,174	89,191	52,852	13,131
Vermont.....	89,188	92,937	103,538	39,087	44,900	19,551
Massachusetts.....	1,021,160	1,123,448	1,307,450	1,110,637	175,486	21,327
Rhode Island.....	165,343	188,028	225,558	192,537	30,228	2,793
Connecticut.....	388,645	449,952	570,409	446,542	106,795	17,072
<b>Middle Atlantic</b> .....	6,374,380	7,294,488	8,622,808	7,049,051	1,219,212	354,545
New York.....	3,153,124	3,670,802	4,329,699	3,745,342	432,915	151,442
New Jersey.....	985,636	1,103,916	1,374,477	1,199,352	145,980	29,145
Pennsylvania.....	2,235,620	2,519,770	2,918,632	2,104,357	640,317	173,958
<b>East North Central</b> .....	6,362,823	7,290,676	8,829,542	6,254,465	1,576,535	998,542
Ohio.....	1,697,918	1,901,632	2,314,629	1,656,801	429,416	228,412
Indiana.....	843,066	963,470	1,169,306	716,173	264,987	188,146
Illinois.....	1,929,396	2,196,908	2,585,772	2,025,332	346,842	213,598
Michigan.....	1,180,554	1,399,660	1,791,651	1,275,694	328,732	187,225
Wisconsin.....	711,889	829,006	968,184	580,465	206,558	181,161
<b>West North Central</b> .....	3,317,881	3,698,161	4,153,167	2,221,222	933,007	998,938
Minnesota.....	606,496	730,135	845,733	477,751	183,045	184,937
Iowa.....	635,704	703,440	780,999	383,255	188,394	209,350
Missouri.....	939,476	1,070,909	1,198,977	748,108	207,368	243,501
North Dakota.....	145,005	152,774	162,184	45,150	56,357	60,677
South Dakota.....	161,013	166,140	182,981	63,893	53,797	65,291
Nebraska.....	342,999	361,944	394,615	188,435	98,886	107,294
Kansas.....	487,188	512,819	587,678	314,630	145,160	127,888
<b>South Atlantic</b> .....	3,511,860	4,291,395	5,540,342	2,950,484	1,565,261	1,024,597
Delaware.....	59,092	70,806	90,361	56,588	24,544	9,229
Maryland.....	385,179	467,476	640,526	457,590	138,845	44,091
District of Columbia.....	125,554	174,020	224,099	224,099		
Virginia.....	529,089	630,184	845,716	429,375	248,889	167,452
West Virginia.....	373,941	445,576	518,736	201,844	222,020	94,872
North Carolina.....	644,033	790,736	994,441	370,189	330,034	294,218
South Carolina.....	365,680	435,211	514,672	211,824	160,340	142,508
Georgia.....	652,793	754,273	889,809	438,416	237,651	213,742
Florida.....	376,499	523,113	821,982	560,559	202,938	58,485
<b>East South Central</b> .....	2,273,359	2,626,791	2,991,927	1,283,131	766,013	942,783
Kentucky.....	609,405	699,527	779,669	320,419	224,134	235,116
Tennessee.....	600,625	716,635	871,277	415,482	211,559	244,236
Alabama.....	591,625	675,091	786,205	373,198	198,881	214,126
Mississippi.....	471,704	535,538	554,776	174,032	131,439	249,305
<b>West South Central</b> .....	2,868,262	3,386,552	4,103,354	2,383,524	900,209	819,621
Arkansas.....	438,639	496,398	524,708	192,192	134,660	197,856
Louisiana.....	485,363	593,574	724,534	421,022	172,568	130,944
Oklahoma.....	564,164	612,461	663,292	360,666	156,981	145,645
Texas.....	1,380,096	1,684,119	2,190,820	1,409,644	436,000	345,176
<b>Mountain</b> .....	914,408	1,126,190	1,446,725	837,019	390,969	218,737
Montana.....	136,210	160,769	175,614	81,198	57,849	36,567
Idaho.....	108,044	142,611	169,264	77,102	49,228	42,934
Wyoming.....	56,887	69,982	84,288	45,053	23,916	15,319
Colorado.....	267,324	317,225	391,577	255,304	84,258	52,015
New Mexico.....	98,546	130,090	177,216	96,911	50,094	30,211
Arizona.....	105,992	131,897	210,403	123,945	67,434	19,024
Utah.....	115,936	140,025	188,075	127,504	41,492	19,079
Nevada.....	25,469	33,591	50,288	30,002	16,698	3,588
<b>Pacific</b> .....	2,300,191	3,026,062	4,552,673	3,518,468	728,821	305,384
Washington.....	423,833	540,171	736,988	485,305	174,270	77,413
Oregon.....	266,328	339,082	479,294	269,765	142,933	66,596
California.....	1,610,030	2,146,809	3,336,391	2,763,398	411,618	161,375

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, *Population*, Vol. VI, Sixteenth Census Reports, *Population*, Vol. IV, Part 1, and *U. S. Census of Population: 1950*, Vol. II, Part 1.



No. 53.—INSTITUTIONAL POPULATION, BY SEX AND BY TYPE OF INSTITUTION, BY STATES: 1950

DIVISION AND STATE	ALL CLASSES			Correc- tional institu- tions <sup>1</sup>	Special- ized medical institu- tions	Institu- tions for aged and depend- ent <sup>2</sup>	Homes and schools for hand- icapped	Institu- tions for juve- niles <sup>1 2</sup>
	Total	Male	Female					
<b>United States</b> .....	1,566,846	949,628	617,218	264,557	710,003	296,783	155,188	140,315
<b>New England</b> .....	125,822	67,332	58,490	10,998	61,734	30,414	14,057	8,619
Maine.....	9,861	5,583	4,278	1,097	4,379	2,235	1,396	754
New Hampshire.....	7,416	3,852	3,564	536	2,717	2,466	732	965
Vermont.....	4,298	2,214	2,084	449	2,062	820	494	473
Massachusetts.....	69,422	37,266	32,156	5,752	36,664	15,674	7,900	3,432
Rhode Island.....	8,051	4,109	3,942	551	4,727	1,761	28	984
Connecticut.....	26,774	14,308	12,466	2,613	11,185	7,458	3,507	2,011
<b>Middle Atlantic</b> .....	375,811	211,294	164,517	43,604	180,253	73,071	41,823	37,060
New York.....	209,786	117,413	92,373	23,855	108,967	38,403	22,255	16,306
New Jersey.....	50,479	27,737	22,742	6,193	25,920	8,314	7,222	2,830
Pennsylvania.....	115,546	66,144	49,402	13,556	45,366	26,354	12,346	17,924
<b>East North Central</b> .....	331,054	202,790	128,264	50,203	145,209	69,368	38,472	27,802
Ohio.....	87,724	54,466	33,258	14,582	32,937	22,025	8,915	9,265
Indiana.....	38,409	23,990	14,419	7,895	13,199	8,963	5,059	3,293
Illinois.....	99,790	59,081	40,709	13,074	46,028	20,235	11,294	9,159
Michigan.....	67,596	43,088	24,508	11,968	32,281	10,552	9,318	3,477
Wisconsin.....	37,535	22,165	15,370	2,684	20,764	7,593	3,886	2,608
<b>West North Central</b> .....	142,261	83,344	58,917	19,274	56,644	37,756	17,990	10,597
Minnesota.....	30,887	17,985	12,902	2,976	13,858	7,683	4,970	1,400
Iowa.....	27,493	16,043	11,450	2,595	9,967	8,952	4,210	1,769
Missouri.....	38,009	21,277	16,732	6,809	15,893	9,728	2,524	3,055
North Dakota.....	5,887	3,460	2,427	418	2,548	1,315	1,276	330
South Dakota.....	6,654	4,420	2,234	561	2,710	1,996	876	511
Nebraska.....	14,361	8,069	6,292	1,443	4,981	3,706	1,934	2,297
Kansas.....	18,970	12,090	6,880	4,472	6,687	4,376	2,200	1,235
<b>South Atlantic</b> .....	199,042	129,571	69,471	55,698	88,175	24,036	12,232	18,851
Delaware.....	4,040	2,305	1,735	502	2,250	462	434	392
Maryland.....	27,748	16,689	11,059	5,582	14,253	3,684	2,243	1,986
Dist. of Columbia.....	13,088	7,964	5,124	1,085	7,721	2,780	305	1,197
Virginia.....	36,482	25,395	11,087	11,673	14,605	4,723	2,800	2,681
West Virginia.....	15,265	9,784	5,481	4,718	6,108	2,406	567	1,466
North Carolina.....	32,692	21,440	11,252	10,252	13,187	2,965	1,866	4,422
South Carolina.....	15,154	9,424	5,730	4,017	6,394	952	1,661	2,130
Georgia.....	31,703	20,830	10,873	9,764	15,807	2,191	1,230	2,711
Florida.....	22,870	15,740	7,130	8,105	7,850	3,873	1,176	1,866
<b>East South Central</b> .....	85,241	57,384	27,857	19,437	39,143	10,819	5,729	10,113
Kentucky.....	24,548	16,091	8,457	5,547	11,272	2,658	1,334	3,737
Tennessee.....	26,612	17,549	9,063	4,686	10,865	5,535	1,585	3,941
Alabama.....	21,430	15,028	6,402	6,143	10,370	1,062	2,143	1,712
Mississippi.....	12,651	8,716	3,935	3,061	6,636	1,564	667	723
<b>West South Central</b> .....	104,632	66,804	37,828	23,686	51,445	9,459	8,495	11,547
Arkansas.....	13,060	8,648	4,412	2,183	8,554	726	542	1,055
Louisiana.....	18,972	11,646	7,326	4,364	9,835	1,483	1,201	2,089
Oklahoma.....	19,152	11,895	7,257	3,852	9,640	1,541	1,373	2,746
Texas.....	53,448	34,615	18,833	13,287	26,416	5,709	5,379	5,657
<b>Mountain</b> .....	42,447	28,095	14,352	8,729	18,870	6,171	4,251	4,426
Montana.....	5,283	3,405	1,878	943	2,127	879	618	716
Idaho.....	4,081	2,601	1,480	687	1,223	874	895	402
Wyoming.....	2,754	2,070	684	476	1,436	212	415	215
Colorado.....	15,246	9,380	5,866	2,323	7,669	2,225	1,053	1,976
New Mexico.....	3,869	2,780	1,089	1,065	1,902	192	219	491
Arizona.....	5,993	4,351	1,642	1,926	2,687	951	125	304
Utah.....	3,906	2,467	1,439	805	1,369	615	919	198
Nevada.....	1,315	1,041	274	504	457	223	7	124
<b>Pacific</b> .....	160,536	103,014	57,522	32,928	68,530	35,689	12,089	11,300
Washington.....	27,638	17,336	10,302	5,365	11,212	6,678	2,815	1,568
Oregon.....	14,895	9,144	5,751	2,375	5,964	3,871	1,641	1,044
California.....	118,003	76,534	41,469	25,188	51,354	25,140	7,632	8,688

<sup>1</sup> Schools for juvenile delinquents included with institutions for juveniles.

<sup>2</sup> Homes exclusively for dependent children included with institutions for juveniles.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. IV, Part 2C.

## No. 54.—STATISTICS OF RELIGION—CHURCH MEMBERSHIP AND NUMBER OF CLERGY

[Represents latest information available from religious bodies; excludes a few groups giving no data, such as Church of Christ, Scientist, and Jehovah's Witnesses. Totals include, substantially, those religious bodies reporting to Bureau of Census for Census of Religious Bodies in 1936. Not all groups follow same calendar year nor count membership in same way; some groups give only approximate figures. Roman Catholics count all baptized persons, including infants; Jews regard as members all Jews in communities having congregations; Eastern Orthodox Churches include all persons in their nationality or cultural groups; most Protestant bodies count only persons who have attained full membership, and previous estimates have indicated that all but a small minority of these are over 13 years of age; however, many Lutheran bodies and Protestant Episcopal Church now report all baptized persons, and not only those confirmed]

RELIGIOUS BODY	Year	Number of churches reported	Church membership	Number of clergy with charges
<b>Total</b> .....		<b>294, 359</b>	<b>94, 842, 845</b>	<b>207, 618</b>
<b>Bodies with membership of 50,000 or over:</b>				
Seventh-day Adventists.....	1953	2, 835	260, 742	2, 246
Apostolic Overcoming Holy Church of God.....	1951	300	75, 000	850
Assemblies of God.....	1953	6, 400	370, 118	6, 400
<b>Baptist bodies:</b>				
American Baptist Convention.....	1952	6, 531	1, 557, 816	5, 500
Southern Baptist Convention.....	1953	29, 481	7, 883, 708	23, 992
National Baptist Convention, U. S. A., Inc.....	1953	24, 415	4, 526, 847	1 18, 964
National Baptist Convention of America.....	1953	11, 136	2, 606, 510	-----
American Baptist Association.....	1951	2, 105	286, 691	-----
Free Will Baptists.....	1953	4, 200	425, 000	3, 000
General Baptists.....	1953	688	52, 382	600
National Baptist Evangelical Life and Soul Saving Assembly of U. S. A.....	1951	264	57, 674	128
National Primitive Baptist Convention of the U. S. A.....	1952	1, 019	80, 000	600
North American Baptist Association.....	1953	1, 591	160, 000	1, 300
Primitive Baptists.....	1950	1, 000	72, 000	-----
United Free Will Baptist Church.....	1952	836	100, 000	915
Brethren (German Baptist): Church of the Brethren.....	1953	1, 028	190, 263	841
Buddhist Churches of America.....	1953	48	63, 000	42
Christ Unity Science Church.....	1953	4, 481	1, 581, 286	4, 971
Christian and Missionary Alliance.....	1952	928	56, 097	922
<b>Churches of God:</b>				
Church of God (Cleveland, Tenn.).....	1953	2, 615	131, 623	2, 556
Church of God (Anderson, Ind.).....	1953	2, 051	113, 698	1, 731
The Church of God.....	1953	1, 723	66, 293	1, 505
Church of God in Christ.....	1953	3, 600	338, 304	3, 200
Church of our Lord Jesus Christ of the Apostolic Faith, Inc.....	1952	175	50, 000	160
Church of the Nazarene.....	1953	3, 826	249, 749	3, 725
Churches of Christ.....	1953	15, 000	1, 500, 000	12, 000
Congregational Christian Churches.....	1953	5, 573	1, 283, 754	3, 256
Disciples of Christ, International Convention.....	1953	7, 864	1, 847, 954	5, 085
<b>Eastern Churches:</b>				
American Carpatho-Russian Orthodox Greek Catholic Church.....	1953	58	75, 000	44
Armenian Apostolic Orthodox Church of America.....	1951	57	130, 000	45
Greek Archdiocese of North and South America.....	1953	325	1, 000, 000	375
Romanian Orthodox Episcopate of America.....	1953	55	50, 000	35
The Russian Orthodox Church Outside of Russia.....	1951	91	55, 000	150
The Russian Orthodox Greek Catholic Church of North America.....	1953	326	440, 000	304
Serbian Eastern Orthodox Church.....	1953	53	100, 000	63
Syrian Antiochian Orthodox Church.....	1953	80	100, 000	80
Ukrainian Orthodox Church of U. S. A.....	1953	93	71, 000	84
Evangelical and Reformed Church.....	1953	2, 735	761, 335	1, 832
Evangelical Mission Covenant Church of America.....	1953	476	52, 085	395
Evangelical United Brethren Church.....	1953	4, 347	727, 549	2, 833
Federated Churches.....	1936	508	88, 411	-----
Friends: The Five Years Meeting of Friends.....	1952	499	69, 419	371
Independent Fundamental Churches of America.....	1946	650	65, 000	-----
International Church of the Foursquare Gospel.....	1953	579	81, 590	579
Jewish Congregations.....	1953	3, 990	5, 000, 000	2, 680
<b>Latter-Day Saints:</b>				
Church of Jesus Christ of Latter-Day Saints.....	1952	2, 348	1, 077, 285	-----
Reorganized Church of Jesus Christ of Latter-Day Saints.....	1953	692	131, 781	692
<b>Lutheran:</b>				
American Lutheran Conference:				
American Lutheran Church.....	1952	1, 891	727, 261	1, 438
Augustana Evangelical Lutheran Church.....	1953	1, 196	493, 085	801
Evangelical Lutheran Church.....	1952	2, 503	888, 634	2 1, 172
Lutheran Free Church.....	1953	341	65, 904	145
Lutheran Synodical Conference of North America:				
Lutheran Church, Missouri Synod.....	1953	4, 592	1, 850, 100	3, 725
Evangelical Lutheran Joint Synod of Wisconsin and other States.....	1952	837	316, 839	650
United Lutheran Church in America.....	1953	3, 991	2, 061, 004	3, 099
Mennonite Church.....	1953	498	63, 016	758

1 1952 data. 2 1951 data.



No. 54.—STATISTICS OF RELIGION—CHURCH MEMBERSHIP AND NUMBER OF CLERGY—Continued

RELIGIOUS BODY	Year	Number of churches reported	Church membership	Number of clergy with charges
Bodies with membership of 50,000 or over—Con.				
Methodist bodies:				
African Methodist Episcopal Church	1951	5, 878	1, 166, 301	5, 878
African Methodist Episcopal Zion Church	1952	3, 160	760, 158	1, 800
Colored Methodist Episcopal Church	1951	2, 469	392, 167	1, 820
Free Methodist Church of North America	1953	1, 268	51, 952	1, 250
The Methodist Church	1953	39, 780	9, 151, 524	23, 015
Moravian Church in America (Unitas Fratrum)	1953	152	51, 276	122
North American Old Roman Catholic Church	1953	52	85, 500	52
Pentecostal Assemblies:				
Pentecostal Assemblies of the World, Inc.	1951	600	50, 000	<sup>3</sup> 500
United Pentecostal Church	1952	1, 100	125, 000	1, 100
Polish National Catholic Church of America	1951	156	265, 879	147
Presbyterian bodies:				
Cumberland Presbyterian Church	1953	1, 014	83, 307	550
Presbyterian Church in the U. S.	1953	3, 778	756, 866	2, 148
Presbyterian Church in the U. S. A.	1953	8, 320	2, 492, 504	<sup>1</sup> 5, 215
United Presbyterian Church of North America	1953	831	228, 718	619
Protestant Episcopal Church	1952	7, 215	2, 550, 831	<sup>2</sup> 4, 963
Reformed bodies:				
Christian Reformed Church	1953	429	186, 526	334
Reformed Church in America	1953	787	197, 616	724
Roman Catholic Church	1953	20, 618	31, 476, 261	15, 835
Salvation Army	1953	1, 342	235, 559	-----
Spiritualists: International General Assembly of Spiritualists	1952	182	157, 000	204
Unitarian Churches	1953	355	86, 129	413
Universalist Church of America	1953	404	73, 194	236
Other bodies		18, 945	1, 690, 770	13, 854

<sup>1</sup> 1952 data.    <sup>2</sup> 1951 data.    <sup>3</sup> 1950 data.

Source: National Council of the Churches of Christ in the United States of America; *Yearbook of American Churches*.

No. 55.—STATISTICS OF RELIGION—CHURCH CONTRIBUTIONS FROM LIVING DONORS  
[Represents data for 47 religious bodies reporting annual contributions]

RELIGIOUS BODY	Reports for year ending—	TOTAL CONTRIBUTIONS		Benevo- lences <sup>1</sup>	Congrega- tional expenses <sup>2</sup>
		Amount	Per member		
Total, 47 bodies <sup>3</sup>		\$1, 537, 132, 309	\$45. 64	\$308, 874, 662	\$1, 228, 257, 647
Bodies with membership of 50,000 or over:					
Adventists: Seventh-day	Dec. 31, 1953	47, 798, 932	173. 35	39, 137, 675	8, 661, 257
Baptist: American Convention	Apr. 30, 1954	67, 362, 582	45. 04	10, 563, 326	56, 799, 256
Southern Convention	Dec. 31, 1953	278, 851, 129	39. 84	48, 427, 760	230, 423, 369
Brethren, Church of the	Sept. 30, 1953	7, 458, 584	43. 78	2, 208, 679	5, 249, 095
Church of God (Anderson, Ind.)	June 30, 1954	9, 531, 400	91. 65	1, 367, 400	8, 164, 000
Church of the Nazarene	Dec. 31, 1953	30, 544, 278	118. 33	5, 730, 792	24, 813, 486
Congregational Christian	do	64, 061, 866	49. 91	7, 986, 724	56, 075, 142
Disciples of Christ	June 30, 1954	54, 556, 662	29. 52	9, 439, 401	45, 117, 261
Evangelical and Reformed					
Evangelical Mission Covenant	Dec. 31, 1952	31, 025, 133	41. 24	4, 827, 112	26, 198, 021
Church of America	Apr. 30, 1954	5, 840, 074	109. 03	1, 387, 313	4, 452, 761
Evangelical United Brethren	Sept. 1, 1954	36, 331, 994	50. 21	6, 799, 236	29, 532, 758
International Foursquare Gospel	Dec. 31, 1953	4, 353, 579	52. 42	810, 926	3, 542, 653
Lutheran: American	do	30, 881, 256	55. 24	5, 474, 939	25, 406, 317
Augustana Evangelical	Jan. 31, 1954	18, 733, 019	53. 98	3, 887, 365	14, 845, 654
Evangelical	do	30, 313, 907	48. 70	6, 458, 367	23, 855, 540
Missouri Synod	Dec. 31, 1953	80, 211, 031	63. 20	15, 197, 356	65, 013, 675
United	do	67, 721, 548	45. 68	14, 065, 031	53, 656, 517
Wisconsin and other States	do	10, 184, 292	46. 14	2, 348, 748	7, 835, 544
Mennonite Church	Dec. 31, 1951	3, 430, 271	51. 24	1, 950, 077	1, 480, 194
Methodist Church	Dec. 31, 1953	314, 521, 214	34. 37	46, 882, 218	267, 638, 996
Presbyterian: Cumberland	do	3, 178, 922	37. 67	352, 838	2, 826, 084
U. S.	do	56, 001, 996	73. 99	13, 496, 481	42, 505, 515
U. S. A.	do	141, 057, 179	56. 49	23, 951, 848	117, 105, 331
United	do	13, 204, 897	57. 73	3, 155, 374	10, 049, 523
Protestant Episcopal	do	84, 209, 027	49. 02	22, 197, 038	62, 011, 989
Reformed Church in America	do	13, 671, 897	68. 57	2, 921, 660	10, 750, 237

<sup>1</sup> Includes contributions for home and foreign missions.

<sup>2</sup> Represents contributions to expenses of local parish or church, including building funds, repairs, fuel, minister's salary—anything that is for local church.    <sup>3</sup> Includes data for religious bodies not shown separately.

Source: National Council of the Churches of Christ in the United States of America; published in *Statistics of Giving*, November 1954.



## 2. Vital Statistics, Health, and Nutrition

This section presents vital statistics—data on births, deaths, fetal deaths (stillbirths), marriages, divorces—and also data on communicable diseases, mental health, medical care, hospitals, and nutrition.

Vital statistics are compiled and published by the National Office of Vital Statistics, Public Health Service, in its annual report, *Vital Statistics of the U. S.*, and its *Monthly Vital Statistics Report*. Reports in this field are also issued by the individual State bureaus of vital statistics.

The national collection of death statistics on an annual basis began in 1900. Then the death-registration States consisted of 10 States and the District of Columbia. In 1915, the national collection of birth statistics began with 10 States and the District of Columbia. Beginning with 1933, the births and death registration areas have comprised the entire continental United States. National statistics on fetal deaths were compiled for 1918 and annually since 1922.

Births, deaths, and fetal deaths are classified by place of occurrence and by place of residence<sup>1</sup> of the mother or of the decedent. Unless otherwise indicated, the data shown here are by place of residence.

**Births.**—Birth statistics include only live births occurring in continental United States. Beginning in 1951, estimates have been based on a systematic sample—50 percent—of all registered births. In prior years, they were based on a complete count of the records received in the National Office of Vital Statistics. Adjustments shown for underregistration of births are based, for the most part, on the results of nationwide tests of registration completeness in 1940 and 1950.

**Deaths.**—Death statistics include only deaths occurring in the continental United States; deaths among Armed Forces overseas are excluded. Current figures are based on a 10-percent sample of death certificates filed in State vital statistics offices. Fetal deaths (stillbirths) are excluded from death statistics.

**Fetal deaths.**—Fetal death statistics shown here include only fetal deaths for which the period of gestation was 20 weeks (or 5 months) or more, or was not stated, since many States do not require the registration of earlier fetal deaths.

**Marriages and divorces.**—National collections of statistics on marriages and divorces in the United States were made for the years 1867–1906, 1916, 1922–32, 1937–40, and 1944–54. Estimates have been made for the intervening years as well as for years in which collections were not complete. At the present time, records of marriage are filed centrally in three-fourths of the States, and records of divorce in more than one-half of the States. Marriage and divorce data are shown here by place of occurrence.

**Vital statistics rates.**—Vital statistics rates computed by the National Office of Vital Statistics are based upon population figures provided by the Bureau of the Census. The special situation created by the changes in size and disposition of the Armed Forces necessitated the use of different types of population bases during the war and postwar period.<sup>2</sup> Briefly, birth and divorce rates for 1941–46 for the United States are based on the total population including members of the Armed Forces overseas. Birth and divorce rates for 1947 to 1954 and death and marriage rates for 1940 to 1954 for the United States and States are based on total population present in the area, excluding Armed Forces overseas. For 1940 and 1950, rates are based on the enumerated population as of April 1; for other years, rates are based on estimated midyear population.

<sup>1</sup> For a discussion of methods of residence allocation and of significance of residence figures, see *Vital Statistics of the United States, 1950*.

<sup>2</sup> For a discussion of the interpretation of crude rates during wartime, see *Summary of Natality and Mortality Statistics, United States, 1943*, Vital Statistics—Special Reports, Vol. 21, No. 1, 1945; and *Marriage and Divorce in the United States, 1957 to 1945*, Vital Statistics—Special Reports, Vol. 23, No. 9, 1946.

Note.—This section presents data for the most recent year or period available on February 3, 1955, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

**Morbidity.**—Statistics on morbidity are compiled and published by the Public Health Service in its *Morbidity and Mortality Annual Supplement*. Each State health officer reports cases of selected diseases weekly and annually. The type of diseases reported to the State health officers depends on laws or regulations within the various States. However, most of the common communicable diseases are reportable in all States. Data on morbidity in the general population are also obtained occasionally by special surveys conducted in various communities or States. A clearinghouse of such surveys is maintained by the Public Health Service.

Morbidity statistics for members of the Armed Forces are prepared and published by the Departments of the Army, Navy, and Air Force. The Department of Labor compiles statistics of industrial injuries (see p. 218).

**Medical care.**—Annual statistics of medical care on a nationwide basis are obtained from the annual census of hospitals and institutions conducted by the American Medical Association. These statistics are published annually by that organization in *Hospital Service in the U. S.* and include only hospitals, sanatoriums, and related institutions registered by that organization. A relatively large number of institutions are not included in the survey. However, practically all of the large institutions in the country are canvassed, with the result that most of the hospital bed facilities are usually included.

Sample surveys are conducted occasionally to provide information on the medical care received by the population of various communities or States, and certain insurance organizations publish statistics on the medical care received by their beneficiaries.

An index to one aspect of medical care is also provided by the number of births and deaths occurring in hospitals and institutions. These data may be found in the Public Health Service publications on vital statistics. Another aspect of medical care is provided by statistics on patients in hospitals for mental disease, and in institutions for mental defectives and epileptics. From 1926–46, such data were collected annually by the Bureau of the Census. Beginning with the 1947 report, the data appear in the annual report *Patients in Mental Institutions* issued by the National Institute of Mental Health, Public Health Service.

**Nutrition.**—Statistics on the apparent consumption of food per capita by civilians are estimated by the Division of Agricultural Economics of the Department of Agriculture. On the basis of these estimates, statistics on the nutritive value of the per capita food supply are computed by the Human Nutrition and Home Economics Research. These statistics are published quarterly by the Agricultural Marketing Service in the *National Food Situation*. Methodologies and detailed information back to 1909 are available in Agriculture Handbook No. 62, *Consumption of Food in the United States 1909–52*.

Statistics on Federal food distribution programs, and data on the quantity and costs of the food commodities distributed and the number of persons participating in the programs are published annually in *Agricultural Statistics*.

**Historical Statistics.**—Tabular headnotes (as “See also *Historical Statistics*, series C 24, C 45, C 77–78”) provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. See preface.



**No. 56.—BIRTHS, DEATHS, MARRIAGES, AND DIVORCES AND RATE PER 1,000  
POPULATION: 1900 TO 1954**

[Births and deaths represent registered births and deaths only and for years prior to 1933 are for registration States; for births adjusted for underregistration, see table 58. For coverage of these areas, see table 57. For additional rates, see *Historical Statistics*, series C 24, C 45, C 77-78]

YEAR	Births	Deaths	Mar- riages <sup>1</sup>	Di- vorces <sup>2</sup>	RATE PER 1,000 POPULATION <sup>1</sup>			
					Births	Deaths	Mar- riages <sup>2</sup>	Di- vorces <sup>3</sup>
1900.....		343,217	709,000	55,751		17.2	9.3	0.7
1905.....		345,863	842,000	67,976		15.9	10.0	.8
1910.....		696,856	948,166	83,045		14.7	10.3	.9
1915.....	776,304	815,500	1,007,595	104,298	25.0	13.2	10.0	1.0
1920.....	1,508,874	1,118,070	1,274,476	170,505	23.7	13.0	12.0	1.6
1925.....	1,878,880	1,191,809	1,188,334	175,449	21.3	11.7	10.3	1.5
1930.....	2,203,958	1,327,240	1,126,856	195,961	18.9	11.3	9.2	1.6
1935.....	2,155,105	1,392,752	1,327,000	218,000	16.9	10.9	10.4	1.7
1940.....	2,360,399	1,417,269	1,595,879	264,000	17.9	10.8	12.1	2.0
1942.....	2,808,996	1,385,187	1,772,132	321,000	20.8	10.3	13.2	2.4
1943.....	2,934,860	1,459,544	1,577,050	359,000	21.5	10.9	11.7	2.6
1944.....	2,794,800	1,411,338	1,452,394	400,000	20.2	10.6	10.9	2.9
1945.....	2,735,456	1,401,719	1,612,992	485,000	19.5	10.6	12.2	3.5
1946.....	3,288,672	1,395,617	2,291,045	610,000	23.3	10.0	16.4	4.3
1947.....	3,699,940	1,445,370	1,991,878	483,000	25.8	10.1	13.9	3.4
1948.....	3,535,068	1,444,337	1,811,155	408,000	24.2	9.9	12.4	2.8
1949.....	3,559,529	1,443,607	1,579,798	397,000	23.9	9.7	10.6	2.7
1950.....	3,554,149	1,452,454	1,667,231	385,144	23.6	9.6	11.1	2.6
1951.....	<sup>4</sup> 3,750,850	1,482,099	1,594,694	381,000	<sup>4</sup> 24.5	9.7	10.4	2.5
1952.....	<sup>4</sup> 3,846,986	1,496,838	1,539,318	392,000	<sup>4</sup> 24.7	9.6	9.9	2.5
1953.....	<sup>4</sup> 3,909,000	<sup>5</sup> 1,519,000	1,546,000	390,000	<sup>4</sup> 24.7	<sup>6</sup> 9.6	9.8	2.5
1954 <sup>5</sup> .....	4,021,000	1,481,000	1,476,000	( <sup>6</sup> )	25.0	9.2	9.2	( <sup>6</sup> )

<sup>1</sup> For 1940 and 1950 based on population enumerated as of April 1, for all other years estimated as of July 1. Birth and divorce rates for 1942-46 based on population including Armed Forces overseas; for 1940 and 1947-54 based on population excluding Armed Forces overseas. Death and marriage rates for 1940 and 1942-54 based on population excluding Armed Forces overseas.

<sup>2</sup> Estimated for 1920, 1935, and 1953. Includes estimates and marriage licenses for some States for all years.

<sup>3</sup> Estimated, except for 1900, 1905, 1925, and 1930. Includes reported annulments.

<sup>4</sup> Based on 50-percent sample. <sup>5</sup> Provisional. <sup>6</sup> Not available.

**No. 57.—BIRTH- AND DEATH-REGISTRATION STATES—POPULATION AND NUMBER OF  
STATES INCLUDED: 1900 TO 1933**

[Beginning with 1933 both birth- and death-registration areas comprise all States. For midyear estimates of population for 1934 and subsequent years, see table 8, p. 13. See also *Historical Statistics*, series C 1-5]

YEAR	BIRTH-REGISTRATION STATES			DEATH-REGISTRATION STATES		
	Population (midyear estimates)	Percent of U. S. total popula- tion	Number of States (incl. D. C.)	Population (midyear estimates)	Percent of U. S. total popula- tion	Number of States (incl. D. C.)
1900.....				19,965,446	26.2	11
1905.....				21,767,980	26.0	11
1910.....				47,470,437	51.4	21
1915.....	31,096,697	30.9	11	61,894,847	61.6	25
1916.....	32,944,013	32.3	12	66,971,177	65.7	27
1917.....	55,197,952	53.5	21	70,234,775	68.0	28
1918.....	55,153,782	53.4	21	79,008,412	76.6	31
1919.....	61,212,076	58.6	23	83,157,982	79.6	34
1920.....	63,597,307	59.7	24	86,079,263	80.9	35
1921.....	70,807,090	65.2	28	87,814,447	80.9	35
1922.....	79,560,746	72.3	31	92,702,901	84.2	38
1923.....	81,072,123	72.4	31	96,788,197	86.5	39
1924.....	87,000,295	76.2	34	99,318,098	87.0	40
1925.....	88,294,564	76.2	34	102,031,555	88.1	41
1926.....	90,400,590	77.0	36	103,822,683	88.4	42
1927.....	104,320,830	87.6	41	107,084,532	90.0	43
1928.....	113,636,160	94.3	45	113,636,160	94.3	45
1929.....	115,317,450	94.7	47	115,317,450	94.7	47
1930.....	116,544,946	94.7	47	117,238,278	95.3	48
1931.....	117,455,229	94.7	47	118,148,987	95.3	48
1932.....	118,903,899	95.2	48	118,903,899	95.2	48
1933.....	125,578,763	100.0	49	125,578,763	100.0	49

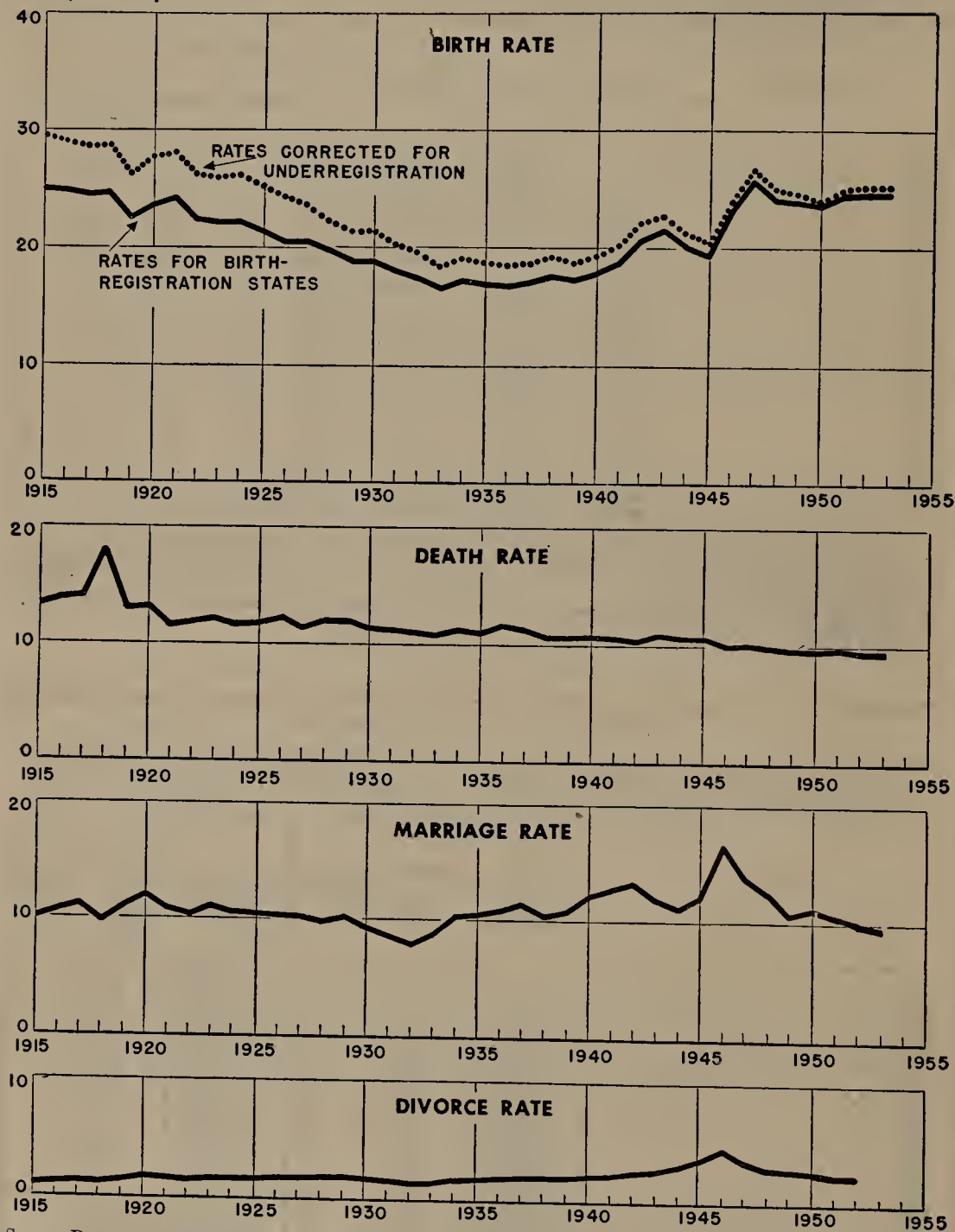
Source of tables 56 and 57: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.



FIG. VIII.—VITAL STATISTICS RATES: 1915 TO 1953

[See tables 56 and 58]

Per 1,000 Population



Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics.

**No. 58.—REGISTERED BIRTHS, ESTIMATED BIRTHS ADJUSTED FOR UNDERREGISTRATION, AND RATE PER 1,000 POPULATION, BY COLOR: 1935 TO 1953**

[For total registered births, see table 56. See also *Historical Statistics*, series C 25 and C 26]

YEAR	REGISTERED BIRTHS				BIRTHS ADJUSTED FOR UNDERREGISTRATION					
	Number		Rate <sup>1</sup>		Number			Rate <sup>1</sup>		
	White	Non-white	White	Non-white	Total	White	Non-white	Total	White	Non-white
1935.....	1,888,012	267,093	16.5	20.6	2,377,000	2,042,000	334,000	18.7	17.9	25.8
1940.....	2,067,953	292,446	17.5	21.7	2,559,000	2,199,000	360,000	19.4	18.6	26.7
1941.....	2,204,903	308,524	18.4	22.6	2,703,000	2,330,000	374,000	20.3	19.5	27.3
1942.....	2,486,934	322,062	20.6	23.2	2,989,000	2,605,000	384,000	22.2	21.5	27.7
1943.....	2,594,763	340,097	21.2	24.1	3,104,000	2,704,000	400,000	22.7	22.1	28.3
1944.....	2,454,700	340,100	19.8	23.6	2,939,000	2,545,000	394,000	21.2	20.5	27.4
1945.....	2,395,563	339,893	19.1	23.2	2,858,000	2,471,000	388,000	20.4	19.9	26.5
1946.....	2,913,645	375,027	23.0	25.3	3,411,000	2,990,000	420,000	24.1	23.6	28.4
1947.....	3,274,620	425,320	25.5	28.3	3,817,000	3,347,000	469,000	26.6	26.1	31.2
1948.....	3,080,316	454,752	23.5	29.8	3,637,000	3,141,000	495,000	24.9	24.0	32.4
1949.....	3,083,721	475,808	23.2	30.6	3,649,000	3,136,000	513,000	24.5	23.6	33.0
1950.....	3,063,627	490,522	22.7	31.1	3,632,000	3,108,000	524,000	24.1	23.0	33.3
1951 <sup>2</sup> .....	3,237,072	513,778	23.6	31.8	3,823,000	3,277,000	546,000	24.9	23.9	33.8
1952 <sup>2</sup> .....	3,322,658	524,328	23.9	31.8	3,913,000	3,358,000	555,000	25.1	24.1	33.6
1953 <sup>3</sup> .....	3,374,000	535,000	23.9	31.7	3,971,000	3,408,000	563,000	25.1	24.1	33.4

<sup>1</sup> For 1940 and 1950 based on population enumerated as of April 1, for all other years estimated as of July 1. For 1941-46 based on population including Armed Forces overseas; for 1940 and 1947-53 based on population excluding Armed Forces overseas.

<sup>2</sup> Based on a 50-percent sample.

<sup>3</sup> Estimated.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

**No. 59.—PERCENT COMPLETENESS OF BIRTH REGISTRATION, BY COLOR, BY STATES: 1940 AND 1950**

[By place of occurrence. Percentages for 1940 show results of registration completeness test covering Dec. 1939 and Jan.-Mar. 1940 live births; percentages for 1950 give results of similar test covering live births in Jan.-Mar. 1950. For further details see *Vital Statistics of the United States*, 1950]

STATE	TOTAL		WHITE		NONWHITE		STATE	TOTAL		WHITE		NONWHITE	
	1940	1950	1940	1950	1940	1950		1940	1950	1940	1950	1940	1950
United States.....	92.5	97.9	94.0	98.6	82.0	93.5	Montana.....	97.6	99.5	98.0	99.5	91.1	98.9
Alabama.....	85.2	95.9	86.4	97.1	82.4	94.0	Nebraska.....	96.9	99.6	97.0	99.6	93.1	96.7
Arizona.....	84.4	92.1	93.8	97.5	48.4	69.6	Nevada.....	96.2	97.8	97.5	98.8	180.9	188.6
Arkansas.....	75.9	88.1	79.6	92.3	63.2	77.9	New Hampshire.....	98.7	99.7	98.6	99.7	(2)	(2)
California.....	98.0	99.2	98.1	99.2	96.5	98.4	New Jersey.....	99.0	99.6	99.0	99.7	98.7	98.7
Colorado.....	89.8	96.8	89.8	96.7	190.4	97.7	New Mexico.....	86.4	94.4	91.2	96.9	40.3	68.7
Connecticut.....	99.4	100.0	99.4	100.0	97.9	100.0	New York.....	98.7	99.5	98.8	99.6	96.3	98.5
Delaware.....	97.4	99.3	97.2	99.5	98.6	98.0	North Carolina.....	86.1	96.2	88.4	97.6	81.0	93.4
Dist. of Col.....	97.9	99.1	98.5	99.8	96.6	97.4	North Dakota.....	94.7	99.3	94.6	99.4	95.2	95.7
Florida.....	89.9	97.5	91.3	98.8	86.4	94.1	Ohio.....	95.2	99.0	95.3	99.0	93.7	98.0
Georgia.....	81.3	94.6	83.6	96.7	77.6	91.0	Oklahoma.....	84.8	96.0	87.0	97.3	66.9	86.3
Idaho.....	95.0	98.6	95.1	98.6	179.3	198.0	Oregon.....	97.1	99.1	97.3	99.1	184.1	99.4
Illinois.....	96.9	99.0	97.3	99.2	90.6	96.6	Pennsylvania.....	97.0	99.4	97.2	99.5	92.9	98.4
Indiana.....	96.5	99.0	96.6	99.0	94.0	98.5	Rhode Island.....	98.8	99.9	98.8	99.9	100.0	100.0
Iowa.....	94.6	99.3	94.7	99.3	190.1	98.1	South Carolina.....	77.6	89.5	82.7	93.5	71.8	85.1
Kansas.....	95.5	99.3	95.6	99.4	92.9	96.7	South Dakota.....	95.4	98.4	96.6	99.2	79.8	82.7
Kentucky.....	89.2	94.8	89.2	94.7	87.6	95.0	Tennessee.....	80.4	96.7	81.4	97.2	75.1	94.4
Louisiana.....	86.1	95.5	87.7	97.0	83.7	93.3	Texas.....	86.5	96.0	89.3	97.2	68.7	88.9
Maine.....	96.1	99.0	96.3	99.0	(2)	100.0	Utah.....	96.6	98.8	97.1	99.1	159.6	183.3
Maryland.....	97.1	99.1	97.8	99.3	94.1	98.2	Vermont.....	97.3	99.4	97.3	99.4	(2)	(2)
Massachusetts.....	98.9	99.7	98.9	99.8	98.0	98.7	Virginia.....	91.9	97.1	92.5	97.8	90.2	95.0
Michigan.....	97.8	98.9	97.9	99.2	94.0	96.1	Washington.....	97.8	99.3	98.0	99.4	88.7	97.0
Minnesota.....	99.3	99.9	99.3	99.9	97.2	96.8	West Virginia.....	86.5	94.2	86.7	94.5	81.3	90.9
Mississippi.....	89.8	97.8	93.8	98.6	86.2	97.2	Wisconsin.....	96.9	99.6	96.9	99.6	93.2	98.7
Missouri.....	90.2	98.0	90.7	98.1	82.7	96.5	Wyoming.....	95.6	98.9	95.9	98.8	185.4	100.0

<sup>1</sup> Based on 25 to 99 records. Sizeable variations in percentages based on these frequencies may arise from random factors.

<sup>2</sup> Not computed. Number of test records less than 25. Percentages based on so few records subject to considerable error.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

# No. 60.—REGISTERED BIRTHS AND ESTIMATED BIRTHS ADJUSTED FOR UNDERREGISTRATION, BY SEX: 1935 TO 1952

[For total registered births, see table 56; for total estimated births, see table 58]

YEAR	REGISTERED BIRTHS		BIRTHS ADJUSTED FOR UNDER-REGISTRATION		
	Male	Female	Male	Female	Male births per 1,000 female births
1935	1,105,489	1,049,616	1,219,000	1,158,000	1,053
1939	1,162,600	1,102,988	1,265,000	1,201,000	1,054
1940	1,211,684	1,148,715	1,313,000	1,246,000	1,054
1941	1,289,734	1,223,693	1,387,000	1,316,000	1,053
1942	1,444,365	1,364,631	1,537,000	1,452,000	1,058
1943	1,506,959	1,427,901	1,593,000	1,510,000	1,055
1944	1,435,301	1,359,499	1,509,000	1,430,000	1,055
1945	1,404,587	1,330,869	1,467,000	1,391,000	1,055
1946	1,691,220	1,597,452	1,754,000	1,657,000	1,058
1947	1,899,876	1,800,064	1,960,000	1,857,000	1,055
1948	1,813,852	1,721,216	1,866,000	1,771,000	1,054
1949	1,826,352	1,733,177	1,872,000	1,777,000	1,054
1950	1,823,555	1,730,594	1,863,000	1,768,000	1,054
1951 <sup>1</sup>	1,923,020	1,827,830	1,960,000	1,863,000	1,052
1952 <sup>1</sup>	1,971,262	1,875,724	2,005,000	1,908,000	1,051

<sup>1</sup> Based on a 50-percent sample.

# No. 61.—REGISTERED BIRTHS, BY ATTENDANT: 1935 TO 1952

YEAR	NUMBER ATTENDED BY—			PERCENT ATTENDED BY—		
	Physician in hospital <sup>1</sup>	Physician not in hospital	Midwife, other, and not specified	Physician in hospital <sup>1</sup>	Physician not in hospital	Midwife, other, and not specified
1935	795,629	1,089,832	269,644	36.9	50.6	12.5
1940	1,316,768	825,271	218,360	55.8	35.0	9.3
1944	2,112,963	493,463	188,374	75.6	17.7	6.7
1945	2,155,594	402,890	176,972	78.8	14.7	6.5
1946	2,708,223	402,759	177,690	82.4	12.2	5.4
1947	3,136,930	375,407	187,603	84.8	10.1	5.1
1948	3,025,206	323,434	186,428	85.6	9.1	5.3
1949	3,087,080	289,981	182,468	86.7	8.1	5.1
1950	3,125,975	251,539	176,635	88.0	7.1	5.0
1951 <sup>2</sup>	3,376,996	204,548	169,306	90.0	5.5	4.5
1952 <sup>2</sup>	3,529,156	162,000	155,830	91.7	4.2	4.1

<sup>1</sup> It is assumed that all births in hospitals or institutions are attended by physicians.

<sup>2</sup> Based on a 50-percent sample.

# No. 62.—BIRTH RATES ADJUSTED FOR UNDERREGISTRATION, BY COLOR AND AGE OF MOTHER: 1940 TO 1952

[Rates based on live births per 1,000 female population in each specified group, enumerated as of April 1 for 1940 and 1950, and estimated as of July 1 for 1941-49, 1951, and 1952. See also *Historical Statistics*, series C 28-35]

YEAR	15 TO 44 YEARS <sup>1</sup>			AGE OF MOTHER							
	Total	White	Non-white	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years <sup>2</sup>
1940	79.9	77.1	102.4	0.7	54.1	135.6	122.8	83.4	46.3	15.6	1.9
1941	83.4	80.7	105.4	.7	56.9	145.4	128.7	85.3	46.1	15.0	1.7
1942	91.5	89.5	107.6	.7	61.1	165.1	142.7	91.8	47.9	14.7	1.6
1943	94.3	92.3	111.0	.8	61.7	164.0	147.8	99.5	52.8	15.7	1.5
1944	88.8	86.3	108.5	.8	54.3	151.8	136.5	98.1	54.6	16.1	1.4
1945	85.9	83.4	106.0	.8	51.1	138.8	132.2	100.2	56.9	16.6	1.6
1946	101.9	100.4	113.9	.7	59.3	181.8	161.2	108.9	58.7	16.5	1.5
1947	113.3	111.8	125.9	.9	79.3	209.7	176.0	111.9	58.9	16.6	1.4
1948	107.3	104.3	131.6	1.0	81.8	200.3	163.4	103.7	54.5	15.7	1.3
1949	107.1	103.6	135.1	1.0	83.4	200.1	165.4	102.1	53.5	15.3	1.3
1950	106.2	102.3	137.3	1.0	81.6	196.6	166.1	103.7	52.9	15.1	1.2
1951 <sup>3</sup>	111.3	107.4	141.9	1.0	86.9	212.0	174.2	108.3	54.1	15.3	1.2
1952 <sup>3</sup>	113.5	109.8	143.1	.9	85.4	218.1	180.4	113.1	56.1	15.3	1.2

<sup>1</sup> Rates computed by relating total births, regardless of age of mother, to female population aged 15 to 44 years.

<sup>2</sup> Rates computed by relating births to mothers aged 45 years and over, to female population aged 45 to 49 years.

<sup>3</sup> Based on a 50-percent sample.

Source of tables 60-62: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.



## No. 63.—REGISTERED LIVE BIRTHS, BIRTHS ADJUSTED FOR UNDERREGISTRATION, AND CRUDE BIRTH RATES, BY STATES: 1940, 1950, AND 1952

[By place of residence. See also *Historical Statistics*, series C 24]

STATE	REGISTERED BIRTHS						BIRTHS ADJUSTED FOR UNDERREGISTRATION <sup>1</sup>					
	Number			Rate <sup>2</sup>			Number			Rate <sup>2</sup>		
	1940	1950	1952 <sup>3</sup>	1940	1950	1952 <sup>3</sup>	1940	1950	1952 <sup>3</sup>	1940	1950	1952 <sup>3</sup>
United States.....	2,360,399	3,554,149	3,846,986	17.9	23.6	24.7	2,558,647	3,631,512	3,913,115	19.4	24.1	25.1
Alabama.....	62,938	82,616	83,140	22.2	27.0	26.9	74,251	86,100	85,855	26.2	28.1	27.8
Arizona.....	11,503	20,823	24,760	23.0	27.8	23.5	13,804	23,013	26,960	27.6	30.7	31.0
Arkansas.....	38,473	45,592	43,718	19.7	23.9	23.7	51,278	51,830	48,751	26.3	27.1	26.4
California.....	112,287	244,871	281,692	16.3	23.1	24.0	114,483	247,146	283,929	16.6	23.3	24.1
Colorado.....	21,034	33,885	37,184	18.7	25.6	26.2	23,412	34,969	38,090	20.8	26.4	26.8
Connecticut.....	25,548	40,620	46,546	14.9	20.2	21.9	25,695	40,643	46,571	15.0	20.2	22.0
Delaware.....	4,551	7,643	8,806	17.1	24.0	25.3	4,662	7,686	8,847	17.5	24.2	25.4
Dist. of Columbia.....	11,228	19,826	20,512	16.9	24.7	25.0	11,506	20,072	20,753	17.4	25.0	25.3
Florida.....	33,799	64,644	74,498	17.8	23.3	24.0	37,755	66,334	76,131	19.9	23.9	24.6
Georgia.....	64,757	91,412	97,238	19.7	26.5	27.7	80,136	96,533	101,830	15.0	23.0	29.0
Idaho.....	11,789	16,035	16,836	22.5	27.2	28.6	12,396	16,232	17,036	23.6	27.6	28.9
Illinois.....	124,615	189,913	205,526	15.8	21.8	23.0	128,310	191,758	207,162	16.2	22.0	23.2
Indiana.....	61,660	93,479	104,950	18.0	23.8	25.1	63,779	94,448	105,869	18.6	24.0	25.3
Iowa.....	44,854	62,660	64,216	17.7	23.9	24.7	47,337	63,074	64,583	18.6	24.1	24.8
Kansas.....	28,885	43,928	50,006	16.0	23.1	25.4	30,212	44,255	50,259	16.8	23.2	25.5
Kentucky.....	63,768	75,026	74,086	22.4	25.5	25.1	71,347	79,139	76,882	25.1	26.9	26.1
Louisiana.....	50,848	76,362	80,624	21.5	28.5	29.2	58,925	79,757	83,447	24.9	29.7	30.2
Maine.....	15,222	21,061	21,446	18.0	23.0	24.1	15,797	21,257	21,607	18.6	23.3	24.3
Maryland.....	32,365	54,205	62,556	17.8	23.1	24.6	33,347	54,733	63,021	18.3	23.4	24.8
Massachusetts.....	65,551	96,214	105,520	15.2	20.5	22.2	66,231	96,485	105,756	15.3	20.6	22.3
Michigan.....	99,021	160,955	178,634	18.8	25.3	26.8	101,206	162,715	180,243	19.3	25.5	27.0
Minnesota.....	52,915	75,317	79,406	19.0	25.3	26.4	53,263	75,427	79,487	19.1	25.3	26.4
Mississippi.....	52,732	64,904	64,622	24.1	29.8	30.0	59,132	66,342	65,816	27.1	30.4	30.5
Missouri.....	61,479	85,924	90,384	16.2	21.7	22.7	68,226	87,694	91,773	18.0	22.2	23.1
Montana.....	11,556	15,611	16,444	20.7	26.4	27.5	11,840	15,694	16,514	21.2	26.6	27.7
Nebraska.....	22,029	31,799	33,856	16.7	24.0	25.2	22,711	31,953	33,978	17.3	24.1	25.2
Nevada.....	2,109	3,667	4,540	19.1	22.9	24.5	2,216	3,742	4,633	20.1	23.4	25.0
New Hampshire.....	8,329	11,517	12,014	16.9	21.6	22.6	8,447	11,545	12,042	17.2	21.7	22.7
New Jersey.....	59,814	97,802	110,238	14.4	20.2	21.7	60,400	98,187	110,609	14.5	20.3	21.8
New Mexico.....	14,792	22,092	24,186	27.8	32.4	32.9	16,818	23,468	25,535	31.6	34.5	34.7
New York.....	196,088	301,043	326,310	14.5	20.3	21.6	198,687	302,344	327,591	14.7	20.4	21.7
North Carolina.....	80,455	106,486	111,272	22.5	26.2	26.7	93,986	110,701	114,991	26.3	27.3	27.6
North Dakota.....	13,135	17,030	17,310	20.5	27.5	28.7	13,883	17,138	17,368	21.6	27.7	28.8
Ohio.....	114,693	185,850	207,660	16.6	23.4	25.2	120,193	187,649	209,122	17.4	23.6	25.3
Oklahoma.....	44,887	50,120	50,322	19.2	22.4	22.6	52,835	52,089	51,867	22.6	23.3	23.3
Oregon.....	17,623	36,079	39,932	16.2	23.7	24.9	18,108	36,423	40,281	16.6	23.9	25.1
Pennsylvania.....	165,456	221,635	239,546	16.7	21.1	22.7	170,490	222,936	240,680	17.2	21.2	22.8
Rhode Island.....	10,830	16,210	17,098	15.2	20.5	20.9	10,956	16,228	17,112	15.4	20.5	20.9
South Carolina.....	44,612	57,450	62,582	23.5	27.1	28.8	58,139	64,005	68,636	30.6	30.2	31.6
South Dakota.....	12,054	17,806	18,346	18.7	27.3	27.8	12,629	18,074	18,547	19.6	27.7	28.1
Tennessee.....	55,242	81,376	82,280	18.9	24.7	25.3	69,341	84,116	84,140	23.8	25.6	25.9
Texas.....	127,072	203,841	226,418	19.8	26.4	27.7	147,909	212,531	234,526	23.1	27.6	28.7
Utah.....	13,347	21,192	23,772	24.3	30.8	32.3	13,851	21,426	24,011	25.2	31.1	32.6
Vermont.....	6,942	9,003	9,192	19.3	23.8	25.0	7,143	9,042	9,225	19.9	23.9	25.1
Virginia.....	57,014	82,021	88,770	21.3	24.7	25.3	62,044	84,317	90,592	23.2	25.4	25.8
Washington.....	28,159	55,817	61,510	16.2	23.5	25.0	28,793	56,179	61,862	16.6	23.6	25.1
West Virginia.....	42,289	50,507	49,124	22.2	25.2	25.1	48,788	53,405	50,914	25.7	26.6	26.0
Wisconsin.....	54,891	82,674	89,242	17.5	24.1	25.5	56,509	82,979	89,493	18.0	24.2	25.6
Wyoming.....	5,189	7,606	8,116	20.7	26.2	26.5	5,441	7,699	8,188	21.7	26.5	26.8

<sup>1</sup> Figures are shown to the last digit as computed, for convenience in summation. They are not assumed to be correct to the last digit.<sup>2</sup> Rate per 1,000 population (excluding Armed Forces overseas) enumerated as of April 1 for 1940 and 1950 and estimated as of July 1 for 1952.<sup>3</sup> Based on a 50-percent sample.Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

## No. 64.—LIVE BIRTHS, BY COLOR, FOR METROPOLITAN AND NONMETROPOLITAN COUNTIES, BY STATES: 1952

[By place of residence. Based on a 50-percent sample. For total births by States, see table 63]

STATE	TOTAL		METROPOLITAN COUNTIES <sup>1</sup>			NONMETROPOLITAN COUNTIES		
	White	Non-white	Total	White	Non-white	Total	White	Non-white
United States.....	3, 322, 658	524, 328	2, 191, 670	1, 913, 162	278, 508	1, 655, 316	1, 409, 496	245, 820
Alabama.....	51, 254	31, 886	30, 346	18, 054	12, 292	52, 794	33, 200	19, 594
Arizona.....	21, 016	3, 744	10, 364	9, 530	834	14, 396	11, 486	2, 910
Arkansas.....	31, 296	12, 422	5, 190	3, 636	1, 554	38, 528	27, 660	10, 868
California.....	257, 770	23, 922	224, 714	203, 874	20, 840	56, 978	53, 896	3, 082
Colorado.....	36, 166	1, 018	19, 772	18, 972	800	17, 412	17, 194	218
Connecticut.....	44, 568	1, 978	36, 672	34, 828	1, 844	9, 874	9, 740	134
Delaware.....	7, 258	1, 548	6, 136	5, 258	878	2, 670	2, 000	670
Dist. of Columbia.....	10, 828	9, 684	20, 512	10, 828	9, 684	(2)	(2)	(2)
Florida.....	53, 812	20, 686	34, 324	26, 552	7, 772	40, 174	27, 260	12, 914
Georgia.....	61, 618	35, 620	38, 312	26, 886	11, 426	58, 926	34, 732	24, 194
Idaho.....	16, 546	290	(3)	(3)	(3)	16, 836	16, 546	290
Illinois.....	181, 892	23, 634	152, 930	130, 364	22, 566	52, 596	51, 528	1, 068
Indiana.....	98, 524	6, 426	51, 312	45, 582	5, 730	53, 638	52, 942	696
Iowa.....	63, 542	674	18, 792	18, 258	534	45, 424	45, 284	140
Kansas.....	47, 678	2, 328	18, 508	16, 928	1, 580	31, 498	30, 750	748
Kentucky.....	68, 570	5, 516	22, 142	19, 576	2, 566	51, 944	48, 994	2, 950
Louisiana.....	48, 610	32, 014	30, 634	18, 668	11, 966	49, 990	29, 942	20, 048
Maine.....	21, 390	56	3, 866	3, 856	10	17, 580	17, 534	46
Maryland.....	49, 640	12, 916	46, 710	36, 660	10, 050	15, 846	12, 980	2, 866
Massachusetts.....	103, 084	2, 436	103, 086	100, 716	2, 370	2, 434	2, 368	66
Michigan.....	161, 824	16, 810	121, 976	106, 896	15, 080	56, 658	54, 928	1, 730
Minnesota.....	78, 366	1, 040	36, 618	36, 052	566	42, 788	42, 314	474
Mississippi.....	28, 186	36, 436	4, 356	2, 030	2, 326	60, 266	26, 156	34, 110
Missouri.....	80, 964	9, 420	52, 426	44, 698	7, 728	37, 958	36, 266	1, 692
Montana.....	15, 568	876	(3)	(3)	(3)	16, 444	15, 568	876
Nebraska.....	32, 886	970	11, 232	10, 464	768	22, 624	22, 422	202
Nevada.....	4, 142	398	(3)	(3)	(3)	4, 540	4, 142	398
New Hampshire.....	11, 998	16	3, 544	3, 542	2	8, 470	8, 456	14
New Jersey.....	99, 824	10, 414	98, 684	89, 478	9, 206	11, 554	10, 346	1, 208
New Mexico.....	22, 098	2, 088	6, 282	6, 074	208	17, 904	16, 024	1, 880
New York.....	296, 268	30, 042	271, 180	242, 054	29, 126	55, 130	54, 214	916
North Carolina.....	74, 034	37, 238	23, 776	17, 072	6, 704	87, 496	56, 962	30, 534
North Dakota.....	16, 850	460	(3)	(3)	(3)	17, 310	16, 850	460
Ohio.....	190, 164	17, 496	144, 206	127, 876	16, 330	63, 454	62, 288	1, 166
Oklahoma.....	44, 288	6, 034	16, 082	14, 222	1, 860	34, 240	30, 066	4, 174
Oregon.....	39, 060	872	15, 154	14, 588	566	24, 778	24, 472	306
Pennsylvania.....	220, 170	19, 376	186, 350	167, 514	18, 836	53, 196	52, 656	540
Rhode Island.....	16, 642	456	14, 906	14, 548	358	2, 192	2, 094	98
South Carolina.....	34, 918	27, 664	17, 450	11, 622	5, 828	45, 132	23, 296	21, 836
South Dakota.....	17, 550	796	2, 168	2, 160	8	16, 178	15, 390	788
Tennessee.....	65, 900	16, 380	37, 454	27, 402	10, 052	44, 826	38, 498	6, 328
Texas.....	196, 576	29, 842	118, 232	102, 484	15, 748	108, 186	94, 092	14, 094
Utah.....	23, 354	418	12, 914	12, 734	180	10, 858	10, 620	238
Vermont.....	9, 184	8	(3)	(3)	(3)	9, 192	9, 184	8
Virginia.....	66, 406	22, 364	35, 884	28, 084	7, 800	52, 886	38, 322	14, 564
Washington.....	59, 180	2, 330	33, 388	31, 912	1, 476	28, 122	27, 268	851
West Virginia.....	46, 204	2, 920	16, 292	15, 450	842	32, 832	30, 754	2, 078
Wisconsin.....	87, 128	2, 114	36, 794	35, 180	1, 614	52, 448	51, 948	500
Wyoming.....	7, 864	252	(3)	(3)	(3)	8, 116	7, 864	252

<sup>1</sup> Comprises those counties (except in New England) which are included in standard metropolitan areas as defined by the Federal Committee on Metropolitan Areas. See headnote, table 13. For New England, the counties were classified according to the definition of State economic areas as established by the Bureau of the Census. See Bureau of the Census, *State Economic Areas: A Description of the Procedure Used in Making a Functional Grouping of the Counties of the United States*, by Donald J. Bogue, 1950.

<sup>2</sup> No nonmetropolitan counties.

<sup>3</sup> No metropolitan counties.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.



**No. 65.—GROSS AND NET REPRODUCTION RATES, BY COLOR, URBAN AND RURAL RESIDENCE, AND REGIONS: 1905 TO 1910, 1930 TO 1935, 1935 TO 1940, 1942 TO 1947, AND 1944 TO 1949**

[Statistics for 1905 to 1940 based on census samples, see source; for 1942 to 1949 based on Current Population Survey, see Sampling Note, p. 183. Urban-rural classification is in accordance with 1940 definitions; see p. 2. A net reproduction rate of 1,000 means that each generation would just replace itself, if birth and death rates of a specified period were to continue indefinitely, in the absence of net immigration. A rate above 1,000 implies a potentially gaining population, and a rate below 1,000, a potentially declining population. A gross reproduction rate of 1,000 means that if all women born at the beginning of a generation were to live through their reproductive period and continue birth rates existing at the time of their birth, they would barely reproduce themselves, assuming no migration from outside the area. Where gross reproduction rate is less than 1,000, no improvement in mortality alone would prevent a potential decline in population.]

COLOR AND AREA	NET REPRODUCTION RATE					GROSS REPRODUCTION RATE			
	1905-10	1930-35	1935-40	1942-47	1944-49	1905-10	1930-35	1935-40	1942-47
<b>COLOR</b>									
All classes-----	1,336	984	978	1,292	1,385	1,793	1,108	1,101	1,402
White-----	1,339	972	957	1,269	(1)	1,740	1,080	1,063	1,365
Nonwhite-----	1,329	1,074	1,137	1,459	(1)	2,240	1,336	1,413	1,713
<b>AREA</b>									
United States-----	1,336	984	978	1,292	1,385	1,793	1,108	1,101	1,402
Urban-----	937	747	726	1,085	1,186	1,298	839	815	1,177
Rural nonfarm-----	1,499	1,150	1,150	1,465	1,628	1,956	1,296	1,294	1,586
Rural farm-----	2,022	1,632	1,661	1,859	1,806	2,663	1,844	1,878	2,029
Northeast <sup>2</sup> -----	1,120	828	794	1,123	(1)	1,476	919	881	1,203
North Central <sup>3</sup> -----	1,308	942	944	1,267	(1)	1,626	1,044	1,045	1,356
South <sup>4</sup> -----	1,614	1,197	1,182	1,447	(1)	2,393	1,382	1,363	1,610
West <sup>5</sup> -----	1,166	892	941	1,332	(1)	1,479	1,003	1,057	1,440

<sup>1</sup> Not available.

<sup>2</sup> New England and Middle Atlantic.

<sup>3</sup> East and West North Central.

<sup>4</sup> South Atlantic and East and West South Central.

<sup>5</sup> Mountain and Pacific.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, *Differential Fertility, 1940 and 1910—Standardized Fertility Rates and Reproduction Rates*; and *Current Population Reports*, Series P-20, Nos. 18 and 27.

**No. 66.—ANNUAL GROSS AND NET REPRODUCTION RATES, BY COLOR: 1940 TO 1952**

[Statistics based on births reported by National Office of Vital Statistics, adjusted for underregistration, and on annual life tables and population estimates by age. For meaning of gross and net reproduction rates, see head-note, table 65. For earlier annual gross reproduction rates, see *Historical Statistics*, series C 37]

YEAR	NET REPRODUCTION RATE			GROSS REPRODUCTION RATE		
	Total	White	Nonwhite	Total	White	Nonwhite
1940-----	1,027	1,002	1,209	1,121	1,082	1,422
1941-----	1,075	1,052	1,242	1,168	1,131	1,458
1942-----	1,185	1,171	1,293	1,277	1,250	1,487
1943-----	1,228	1,211	1,348	1,323	1,294	1,543
1944-----	1,163	1,139	1,334	1,249	1,214	1,520
1945-----	1,132	1,106	1,323	1,212	1,175	1,493
1946-----	1,344	1,331	1,435	1,430	1,406	1,600
1947-----	1,505	1,492	1,594	1,593	1,568	1,766
1948-----	1,435	1,401	1,680	1,514	1,468	1,846
1949-----	1,439	1,396	1,741	1,515	1,461	1,906
1950-----	1,435	1,387	1,780	1,505	1,446	1,940
1951 <sup>1</sup> -----	1,519	1,471	1,864	1,591	1,532	2,025
1952 <sup>1</sup> -----	1,561	1,514	1,894	1,635	1,577	2,059

<sup>1</sup> Based on a 50-percent sample.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.



# No. 67.—EXPECTATION OF LIFE AND MORTALITY RATE AT SINGLE YEARS OF AGE, BY COLOR AND SEX: 1951

[Interpolated from abridged life table prepared by National Office of Vital Statistics, Department of Health, Education, and Welfare]

AGE (years)	EXPECTATION OF LIFE IN YEARS					MORTALITY RATE PER 1,000				
	Total	White		Nonwhite		Total	White		Nonwhite	
		Male	Female	Male	Female		Male	Female	Male	Female
0	68.5	66.6	72.6	59.4	63.7	28.7	29.4	22.5	50.5	40.0
1	69.6	67.6	73.3	61.5	65.4	2.3	2.1	1.9	4.9	4.4
2	68.7	66.8	72.4	60.8	64.7	1.4	1.4	1.1	2.8	2.3
3	67.8	65.8	71.5	60.0	63.8	1.0	1.0	.8	1.8	1.5
4	66.9	64.9	70.6	59.1	62.9	.8	.9	.6	1.6	1.2
5	65.9	64.0	69.6	58.2	62.0	.8	.9	.6	1.3	1.1
6	65.0	63.0	68.7	57.3	61.0	.7	.7	.5	1.1	.9
7	64.0	62.1	67.7	56.3	60.1	.6	.6	.5	.9	.7
8	63.1	61.1	66.7	55.4	59.1	.5	.6	.4	.8	.6
9	62.1	60.1	65.8	54.4	58.2	.5	.5	.4	.8	.5
10	61.1	59.2	64.8	53.5	57.2	.5	.5	.4	.8	.5
11	60.2	58.2	63.8	52.5	56.2	.5	.6	.4	.9	.5
12	59.2	57.2	62.8	51.6	55.3	.5	.6	.4	1.0	.6
13	58.2	56.3	61.8	50.6	54.3	.6	.7	.4	1.2	.7
14	57.3	55.3	60.9	49.7	53.3	.7	.9	.4	1.4	.9
15	56.3	54.4	59.9	48.7	52.4	.9	1.0	.5	1.5	1.1
16	55.4	53.4	58.9	47.8	51.4	1.0	1.2	.6	1.8	1.3
17	54.4	52.5	58.0	46.9	50.5	1.1	1.3	.6	2.0	1.5
18	53.5	51.6	57.0	46.0	49.6	1.2	1.5	.7	2.3	1.7
19	52.5	50.6	56.0	45.1	48.7	1.3	1.6	.7	2.7	1.9
20	51.6	49.7	55.1	44.2	47.8	1.3	1.7	.7	3.1	2.0
21	50.7	48.8	54.1	43.4	46.9	1.4	1.8	.7	3.4	2.2
22	49.7	47.9	53.1	42.5	46.0	1.5	1.8	.8	3.7	2.4
23	48.8	47.0	52.2	41.7	45.1	1.5	1.8	.8	3.9	2.5
24	47.9	46.1	51.2	40.8	44.2	1.5	1.8	.8	4.0	2.7
25	47.0	45.1	50.3	40.0	43.3	1.5	1.8	.9	4.1	2.8
26	46.0	44.2	49.3	39.1	42.4	1.5	1.7	.9	4.2	3.0
27	45.1	43.3	48.4	38.3	41.5	1.6	1.7	.9	4.4	3.1
28	44.2	42.4	47.4	37.5	40.7	1.6	1.7	1.0	4.5	3.3
29	43.2	41.4	46.5	36.6	39.8	1.7	1.8	1.0	4.6	3.4
30	42.3	40.5	45.5	35.8	38.9	1.8	1.8	1.1	4.7	3.6
31	41.4	39.6	44.5	35.0	38.1	1.8	1.9	1.2	4.9	3.8
32	40.5	38.7	43.6	34.1	37.2	1.9	2.0	1.3	5.1	4.0
33	39.5	37.7	42.7	33.3	36.4	2.1	2.1	1.4	5.4	4.3
34	38.6	36.8	41.7	32.5	35.5	2.2	2.3	1.4	5.8	4.6
35	37.7	35.9	40.8	31.7	34.7	2.3	2.4	1.5	6.2	5.0
36	36.8	35.0	39.8	30.9	33.9	2.5	2.6	1.7	6.6	5.4
37	35.9	34.1	38.9	30.1	33.0	2.7	2.8	1.8	7.1	5.9
38	35.0	33.2	38.0	29.3	32.2	3.0	3.1	2.0	7.6	6.3
39	34.1	32.3	47.0	28.5	31.4	3.3	3.5	2.1	8.1	6.8
40	33.2	31.4	36.1	27.7	30.6	3.6	3.9	2.3	8.7	7.3
41	32.3	30.5	35.2	27.0	29.9	3.9	4.3	2.6	9.4	7.9
42	31.4	29.6	34.3	26.2	29.1	4.3	4.7	2.8	10.0	8.5
43	30.6	28.8	33.4	25.5	28.4	4.7	5.2	3.0	10.6	9.1
44	29.7	27.9	32.5	24.8	27.6	5.1	5.7	3.3	11.1	9.7
45	28.9	27.1	31.6	24.0	26.9	5.5	6.2	3.5	11.6	10.2
46	28.0	26.2	30.7	23.3	26.1	5.9	6.8	3.9	12.2	10.9
47	27.2	25.4	29.8	22.6	25.4	6.5	7.4	4.2	13.2	11.7
48	26.3	24.6	28.9	21.9	24.7	7.1	8.2	4.6	14.7	12.9
49	25.5	23.8	28.1	21.2	24.0	7.9	9.1	5.0	16.7	14.3
50	24.7	23.0	27.2	20.6	23.4	8.7	10.0	5.5	18.8	15.8
51	23.9	22.3	26.4	20.0	22.8	9.5	11.0	6.0	21.0	17.4
52	23.2	21.5	25.5	19.4	22.2	10.4	12.1	6.5	22.9	18.8
53	22.4	20.8	24.7	18.8	21.6	11.3	13.2	7.1	24.6	19.9
54	21.7	20.0	23.8	18.3	21.0	12.2	14.5	7.7	26.0	20.8
55	20.9	19.3	23.0	17.8	20.4	13.2	15.9	8.3	27.3	21.6
56	20.2	18.6	22.2	17.2	19.9	14.2	17.4	9.0	28.7	22.4
57	19.5	17.9	21.4	16.7	19.3	15.3	18.9	9.8	30.5	23.8
58	18.8	17.3	20.6	16.2	18.8	16.6	20.4	10.8	32.7	25.9
59	18.1	16.6	19.8	15.8	18.3	17.9	21.9	11.8	35.4	28.6
60	17.4	16.0	19.1	15.3	17.8	19.3	23.4	12.9	38.3	31.6
61	16.7	15.3	18.3	14.9	17.4	20.8	25.1	14.2	41.2	34.2
62	16.1	14.7	17.6	14.6	17.0	22.5	27.0	15.5	43.6	36.3
63	15.4	14.1	16.8	(1)	(1)	24.2	29.2	17.0	(1)	(1)
64	14.8	13.5	16.1	(1)	(1)	26.1	31.7	18.5	(1)	(1)
65	14.2	13.0	15.4	(1)	(1)	28.2	34.4	20.2	(1)	(1)
66	13.6	12.4	14.7	(1)	(1)	30.4	37.3	22.1	(1)	(1)
67	13.0	11.9	14.0	(1)	(1)	32.7	40.2	24.2	(1)	(1)
68	12.4	11.3	13.4	(1)	(1)	35.2	43.1	26.6	(1)	(1)
69	11.8	10.8	12.7	(1)	(1)	37.9	46.2	29.2	(1)	(1)

<sup>1</sup> Not computed because of deficiencies in basic data.

Source: Metropolitan Life Insurance Company, New York, N. Y.; *Statistical Bulletin*, June 1954.

## No. 68.—SELECTED LIFE TABLE VALUES: 1909-11 TO 1952

[See also *Historical Statistics*, series C 6-21]

COLOR AND PERIOD	AGE 0 <sup>1</sup>		AGE 20		AGE 45		AGE 65	
	Male	Female	Male	Female	Male	Female	Male	Female
ANNUAL RATE OF MORTALITY PER 1,000 LIVING AT AGE INDICATED								
White:								
1909-1911 <sup>2</sup> .....	123.26	102.26	4.89	4.20	12.64	9.91	43.79	37.86
1919-1921 <sup>3</sup> .....	80.25	63.92	4.27	4.33	9.26	8.14	34.99	31.68
1929-1931.....	62.32	49.63	3.18	2.77	9.29	7.02	38.65	31.25
1939-1941.....	48.12	37.89	2.12	1.45	7.66	5.23	36.85	26.43
1949-1951.....	30.69	23.55	1.62	.73	6.37	3.73	34.45	20.63
1952.....	28.8	22.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Nonwhite:								
1929-1931 <sup>5</sup> .....	87.32	72.04	8.58	8.82	22.40	20.18	50.72	49.35
1939-1941 <sup>5</sup> .....	82.28	65.84	5.44	5.32	18.59	16.02	46.85	40.90
1949-1951.....	50.89	40.87	3.14	2.27	12.85	11.27	45.76	37.04
1952.....	52.5	42.0	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
AVERAGE FUTURE LIFETIME IN YEARS AT AGE INDICATED								
White:								
1909-1911 <sup>2</sup> .....	50.23	53.62	42.71	44.88	23.86	25.45	11.25	11.97
1919-1921 <sup>3</sup> .....	56.34	58.53	45.60	46.46	26.00	26.98	12.21	12.75
1929-1931.....	59.12	62.67	46.02	48.52	25.28	27.39	11.77	12.81
1939-1941.....	62.81	67.29	47.76	51.38	25.87	28.90	12.07	13.56
1949-1951.....	66.31	72.03	49.52	54.56	26.87	31.12	12.75	15.00
1952.....	66.6	72.7	49.7	55.1	27.1	31.6	13.0	15.3
Nonwhite:								
1929-1931 <sup>5</sup> .....	47.55	49.51	35.95	37.22	20.59	21.39	10.87	12.24
1939-1941 <sup>5</sup> .....	52.26	55.56	39.52	42.04	21.88	23.89	12.21	13.93
1949-1951.....	58.91	62.70	43.73	46.77	23.59	26.07	12.75	14.54
1952.....	59.1	63.7	44.0	47.8	23.8	26.8	12.8	14.8

<sup>1</sup> Under 1 year.<sup>2</sup> For original registration States.<sup>3</sup> For death-registration States of 1920.<sup>4</sup> Not available.<sup>5</sup> Values relate to Negroes only.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; *United States Life Tables and Actuarial Tables, 1959-41*, *Vital Statistics—Special Reports*, Life Tables for 1949-51, Vol. 41 and annual report, *Vital Statistics of the United States*.

## No. 69.—DEATH RATE PER 1,000 POPULATION, BY COLOR AND SEX: 1900 TO 1953

[1940-53, based on population excluding Armed Forces overseas. Rates for 1940 and 1950 based on population enumerated as of April 1, for all other years estimated as of July 1. Data prior to 1933 for death-registration States only; see table 57. See also *Historical Statistics*, series C 45-51]

YEAR	TOTAL			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1900.....	17.2	17.9	16.5	17.0	17.7	16.3	25.0	25.7	24.4
1905.....	15.9	16.7	15.0	15.7	16.5	14.8	25.5	23.8	24.3
1910.....	12.7	15.3	13.7	14.5	15.4	13.6	21.7	22.3	21.0
1915.....	13.2	14.0	12.3	12.9	13.7	12.0	20.2	20.8	19.5
1920.....	13.0	13.4	12.6	12.6	13.0	12.1	17.7	17.8	17.5
1925.....	11.7	12.4	10.9	11.1	11.8	10.4	17.4	18.2	16.6
1930.....	11.3	12.3	10.4	10.8	11.7	9.8	16.3	17.4	15.3
1935.....	10.9	12.0	9.9	10.6	11.6	9.5	14.3	15.6	13.0
1940.....	10.8	12.0	9.5	10.4	11.6	9.2	13.8	15.1	12.6
1945.....	10.6	12.6	8.8	10.4	12.5	8.6	11.9	13.5	10.5
1947.....	10.1	11.5	8.7	9.9	11.4	8.5	11.4	12.5	10.3
1948.....	9.9	11.3	8.5	9.7	11.2	8.3	11.4	12.7	10.1
1949.....	9.7	11.1	8.3	9.5	11.0	8.1	11.2	12.5	10.0
1950.....	9.6	11.1	8.2	9.5	10.9	8.0	11.2	12.5	9.9
1951.....	9.7	11.1	8.2	9.5	11.0	8.0	11.1	12.5	9.8
1952.....	9.6	11.1	8.1	9.4	11.0	8.0	11.0	12.5	9.6
1953 <sup>1</sup> .....	9.6	11.1	8.1	9.5	11.0	8.0	10.6	12.1	9.1

<sup>1</sup> Estimated; based on a 10-percent sample of death certificates.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.

No. 70.—DEATH RATE PER 1,000 POPULATION, BY AGE: 1900 TO 1953

[1940-53 based on population excluding Armed Forces overseas. Rates for 1940 and 1950 based on population enumerated as of April 1, for all other years estimated as of July 1. Data prior to 1933 for death-registration States only; see table 57. See also *Historical Statistics*, series C 52 and C 65-76]

AGE	1900	1910	1920	1930	1940	1945	1950	1951	1952	1953 <sup>1</sup>
Total <sup>2</sup> (unadjusted)	17.2	14.7	13.0	11.3	10.8	10.6	9.6	9.7	9.6	9.6
Adjusted for age <sup>3</sup>	17.8	15.8	14.2	12.5	10.8	9.5	8.4	8.3	8.2	8.1
Under 1 year.....	162.4	131.8	92.3	69.0	54.9	42.5	33.0	32.6	32.7	31.7
1 to 4 years.....	19.8	14.0	9.9	5.6	2.9	2.0	1.4	1.4	1.4	.8
5 to 14 years.....	3.9	2.9	2.6	1.7	1.0	.9	.6	.6	.6	
15 to 24 years.....	5.9	4.5	4.9	3.3	2.0	1.9	1.3	1.3	1.3	1.2
25 to 34 years.....	8.2	6.5	6.8	4.7	3.1	2.7	1.8	1.8	1.7	1.7
35 to 44 years.....	10.2	9.0	8.1	6.8	5.2	4.6	3.6	3.5	3.4	3.3
45 to 54 years.....	15.0	13.7	12.2	12.2	10.6	9.6	8.5	8.4	8.3	8.2
55 to 64 years.....	27.2	26.2	23.6	24.0	22.2	20.5	19.0	18.8	18.6	18.4
65 to 74 years.....	56.4	55.6	52.5	51.4	48.4	42.6	41.0	40.5	40.0	40.2
75 to 84 years.....	123.3	122.2	118.9	112.7	112.0	98.4	93.3	93.3	92.1	92.6
85 years and over.....	260.9	250.3	248.3	228.0	235.7	209.6	202.0	194.4	186.3	184.7

<sup>1</sup> Estimated; based on a 10-percent sample of death certificates.  
<sup>2</sup> Includes deaths for which age was not stated.  
<sup>3</sup> Adjusted for age by the direct method using as the standard population the age distribution of the population of the United States as enumerated in 1940.  
<sup>4</sup> Based on enumerated population adjusted for age bias in nonwhite population at ages 55 to 69 years.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

No. 71.—MATERNAL DEATHS, INFANT DEATHS (UNDER 1 YEAR OF AGE), AND FETAL DEATHS, BY COLOR: 1915 TO 1953

[Data prior to 1933 for birth-registration States only; see table 57. See also *Historical Statistics*, series C 38-39 and C 42-44]

YEAR	MATERNAL DEATHS <sup>1</sup>			DEATHS UNDER 1 YEAR			FETAL DEATHS <sup>2</sup>		
	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white
NUMBER									
1915.....	4,719	4,588	131	77,572	75,324	2,248	(3)	(3)	(3)
1920.....	12,058	10,606	1,452	129,531	114,603	14,928	(3)	(3)	(3)
1925.....	12,158	10,447	1,711	134,652	118,345	16,307	(3)	(3)	(3)
1930.....	14,836	11,892	2,944	142,413	117,352	25,061	(3)	(3)	(3)
1935.....	12,544	10,018	2,526	120,138	97,907	22,231	(3)	(3)	(3)
1940.....	8,876	6,614	2,262	110,984	89,406	21,578	(3)	(3)	(3)
1945.....	5,668	4,122	1,546	104,684	85,295	19,389	65,513	51,242	14,271
1950.....	2,960	1,873	1,087	103,825	82,018	21,807	68,262	52,319	15,943
1951.....	2,812	1,778	1,034	106,702	83,678	23,024	70,569	54,071	16,498
1952.....	2,610	1,624	986	109,413	84,752	24,661	70,447	53,541	16,906
1953 <sup>4</sup> .....	2,170	1,240	930	109,100	85,490	23,610	(3)	(3)	(3)
RATE PER 10,000 LIVE BIRTHS									
1915.....	60.8	60.1	105.6	99.9	98.6	181.2	(3)	(3)	(3)
1920.....	79.9	76.0	128.1	85.8	82.1	131.7	(3)	(3)	(3)
1925.....	64.7	60.3	116.2	71.7	68.3	110.8	(3)	(3)	(3)
1930.....	67.3	60.9	117.4	64.6	60.1	99.9	(3)	(3)	(3)
1935.....	58.2	53.1	94.6	55.7	51.9	83.2	(3)	(3)	(3)
1940.....	37.6	32.0	77.3	47.0	43.2	73.8	(3)	(3)	(3)
1945.....	20.7	17.2	45.5	38.3	35.6	57.0	23.9	21.4	42.0
1950.....	8.3	6.1	22.2	29.2	26.8	44.5	19.2	17.1	32.5
1951.....	7.5	5.5	20.1	28.4	25.8	44.8	18.8	16.7	32.1
1952.....	6.8	4.9	18.8	28.4	25.5	47.0	18.3	16.1	32.2
1953 <sup>4</sup> .....	5.6	(3)	(3)	27.9	(3)	(3)	(3)	(3)	(3)

<sup>1</sup> Deaths from deliveries and complications of pregnancy, childbirth, and the puerperium. Beginning with 1949, deaths are classified according to sixth revision of *International Lists of Diseases and Causes of Death*. For deaths in United States as a whole, it is estimated that 9 percent fewer deaths were assigned to maternal causes under sixth revision than under fifth revision of *International List* (1939-48).  
<sup>2</sup> Includes only fetal deaths (stillbirths) for which period of gestation was 20 weeks (or 5 months) or more, or was not stated. <sup>3</sup> Not available. <sup>4</sup> Estimated; based on a 10-percent sample of death certificates.  
Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.



## No. 72.—DEATHS AND DEATH RATE PER 1,000 POPULATION, BY AGE, COLOR, AND SEX: 1951 AND 1952

[See also *Historical Statistics*, series C 45-51]

AGE	TOTAL			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
<b>1951, NUMBER OF DEATHS</b>									
Total <sup>1</sup> .....	1,482,099	845,233	636,866	1,302,969	747,049	555,920	179,130	98,184	80,946
Under 1 year.....	106,702	61,465	45,237	83,678	48,509	35,169	23,024	12,956	10,068
1 to 4 years.....	19,106	10,494	8,612	14,854	8,199	6,655	4,252	2,295	1,957
5 to 14 years.....	14,860	9,058	5,802	12,174	7,478	4,696	2,686	1,580	1,106
15 to 24 years.....	27,383	18,016	9,367	21,305	14,604	6,701	6,078	3,412	2,666
25 to 34 years.....	42,066	25,258	16,808	31,645	19,631	12,014	10,421	5,627	4,794
35 to 44 years.....	76,956	45,853	31,103	59,512	36,795	22,717	17,444	9,058	8,386
45 to 54 years.....	149,202	93,113	56,089	121,041	77,829	43,212	28,161	15,284	12,877
55 to 64 years.....	256,840	162,474	94,366	224,675	144,253	80,422	32,165	18,221	13,944
65 to 74 years.....	349,444	203,619	145,825	318,501	186,377	132,124	30,943	17,242	13,701
75 to 84 years.....	316,513	161,779	154,734	299,555	152,534	147,021	16,958	9,245	7,713
85 years and over.....	121,714	53,294	68,420	115,048	50,227	64,821	6,666	3,067	3,599
<b>1951, RATE PER 1,000 POPULATION<sup>2</sup></b>									
Total <sup>1</sup> .....	9.7	11.1	8.2	9.5	11.0	8.0	11.1	12.5	9.8
Under 1 year.....	32.6	37.0	28.1	29.6	33.6	25.4	52.3	59.2	45.6
1 to 4 years.....	1.4	1.5	1.3	1.2	1.3	1.1	2.5	2.7	2.3
5 to 14 years.....	.6	.7	.5	.6	.7	.4	.9	1.0	.7
15 to 24 years.....	1.3	1.7	.9	1.1	1.6	.7	2.4	2.8	2.0
25 to 34 years.....	1.8	2.2	1.4	1.5	1.9	1.1	4.2	4.8	3.6
35 to 44 years.....	3.5	4.3	2.8	3.0	3.8	2.3	7.8	8.5	7.2
45 to 54 years.....	8.4	10.6	6.3	7.6	9.8	5.4	16.8	18.3	15.2
55 to 64 years.....	18.8	23.9	13.8	17.8	23.0	12.7	30.8	34.4	26.9
65 to 74 years.....	40.5	49.1	32.5	39.6	48.4	31.6	52.4	58.4	46.1
75 to 84 years.....	93.3	104.3	84.1	94.1	105.3	84.8	81.1	88.9	73.5
85 years and over.....	194.4	207.4	185.4	200.8	213.7	191.8	128.2	139.4	120.0
<b>1952, NUMBER OF DEATHS</b>									
Total <sup>1</sup> .....	1,496,838	853,927	642,911	1,315,022	753,571	561,451	181,816	100,356	81,460
Under 1 year.....	109,413	62,762	46,651	84,752	48,986	35,766	24,661	13,776	10,885
1 to 4 years.....	19,499	10,701	8,798	15,076	8,312	6,764	4,423	2,389	2,034
5 to 14 years.....	15,803	9,444	6,359	13,180	7,940	5,240	2,623	1,504	1,119
15 to 24 years.....	27,196	18,121	9,075	21,338	14,724	6,614	5,858	3,397	2,461
25 to 34 years.....	41,284	25,045	16,239	30,867	19,351	11,516	10,417	5,694	4,723
35 to 44 years.....	75,782	45,214	30,568	58,498	36,043	22,455	17,284	9,171	8,113
45 to 54 years.....	148,992	93,663	55,329	120,952	78,386	42,566	28,040	15,277	12,763
55 to 64 years.....	258,840	164,850	93,990	226,232	146,153	80,079	32,608	18,697	13,911
65 to 74 years.....	353,596	205,586	148,010	322,064	188,099	133,965	31,532	17,487	14,045
75 to 84 years.....	320,715	164,171	156,544	303,418	154,511	148,907	17,297	9,660	7,637
85 years and over.....	124,630	53,709	70,921	117,843	50,577	67,266	6,787	3,132	3,655
<b>1952, RATE PER 1,000 POPULATION<sup>2</sup></b>									
Total <sup>1</sup> .....	9.6	11.1	8.1	9.4	11.0	8.0	11.0	12.5	9.6
Under 1 year.....	32.7	36.8	28.4	29.1	32.9	25.1	56.8	63.8	49.9
1 to 4 years.....	1.4	1.5	1.3	1.3	1.4	1.2	2.5	2.6	2.3
5 to 14 years.....	.6	.7	.5	.6	.7	.5	.8	.9	.7
15 to 24 years.....	1.3	1.8	.8	1.2	1.6	.7	2.3	2.8	1.8
25 to 34 years.....	1.7	2.2	1.3	1.4	1.9	1.0	4.1	4.8	3.5
35 to 44 years.....	3.4	4.2	2.7	3.0	3.7	2.2	7.7	8.6	6.9
45 to 54 years.....	8.3	10.5	6.1	7.4	9.7	5.2	16.4	18.0	14.8
55 to 64 years.....	18.6	24.0	13.4	17.7	23.1	12.4	30.4	34.8	26.1
65 to 74 years.....	40.0	48.5	32.1	39.1	47.8	31.1	52.0	58.1	46.0
75 to 84 years.....	92.1	103.3	82.6	92.8	104.3	83.4	80.5	90.3	70.7
85 years and over.....	186.3	193.9	180.9	192.9	200.7	187.9	117.0	125.3	110.8

<sup>1</sup> Includes deaths for which age was not stated.<sup>2</sup> Based on population (excluding Armed Forces overseas) estimated as of July 1.Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

## No. 73.—DEATHS AND DEATH RATE PER 1,000 POPULATION, BY STATES: 1940 TO 1952

[By place of residence. See also *Historical Statistics*, series C 45]

STATE	NUMBER OF DEATHS						RATE PER 1,000 POPULATION <sup>1</sup>			
	1940	1950	1951	1952			1940	1950	1951	1952
				Total	White	Non-white				
United States.....	1, 417, 269	1, 452, 454	1, 482, 099	1, 496, 838	1, 315, 022	181, 816	10.8	9.6	9.7	9.6
Alabama.....	29, 554	26, 836	27, 416	27, 273	15, 961	11, 312	10.4	8.8	8.8	8.8
Arizona.....	5, 556	6, 422	7, 098	7, 370	6, 187	1, 183	11.1	8.6	8.9	8.5
Arkansas.....	17, 247	15, 411	15, 776	15, 681	11, 205	4, 476	8.8	8.1	8.3	8.5
California.....	79, 742	98, 760	104, 089	108, 552	102, 502	6, 050	11.5	9.3	9.4	9.2
Colorado.....	12, 291	12, 280	12, 674	12, 896	12, 577	319	10.9	9.3	9.2	9.1
Connecticut.....	18, 070	19, 123	19, 864	20, 139	19, 569	570	10.6	9.5	9.7	9.5
Delaware.....	3, 285	3, 501	3, 439	3, 520	2, 892	628	12.3	11.0	10.5	10.1
Dist. of Col.....	8, 081	8, 560	8, 410	8, 480	5, 186	3, 294	12.2	10.7	10.5	10.3
Florida.....	21, 614	26, 569	27, 909	29, 219	21, 700	7, 519	11.4	9.6	9.6	9.4
Georgia.....	32, 485	30, 325	30, 926	30, 697	18, 395	12, 302	10.4	8.8	8.9	8.7
Idaho.....	4, 924	4, 837	5, 012	4, 876	4, 774	102	9.4	8.2	8.5	8.3
Illinois.....	89, 099	92, 490	93, 304	94, 203	85, 973	8, 230	11.3	10.6	10.6	10.5
Indiana.....	40, 555	40, 630	41, 154	41, 325	38, 955	2, 370	11.8	10.3	10.1	9.9
Iowa.....	26, 297	26, 979	26, 410	26, 595	26, 304	291	10.4	10.3	10.1	10.2
Kansas.....	18, 589	19, 058	19, 090	19, 582	18, 547	1, 035	10.3	10.0	9.8	9.9
Kentucky.....	29, 967	27, 855	27, 542	28, 376	25, 112	3, 264	10.5	9.5	9.5	9.6
Louisiana.....	25, 542	23, 738	24, 749	24, 708	14, 444	10, 264	10.8	8.8	8.9	8.9
Maine.....	10, 581	9, 886	10, 037	9, 902	9, 873	29	12.5	10.8	11.1	11.1
Maryland.....	22, 026	22, 417	21, 353	23, 981	19, 165	4, 816	12.1	9.6	8.8	9.4
Massachusetts.....	51, 122	49, 386	53, 883	51, 587	50, 659	928	11.8	10.5	11.2	10.9
Michigan.....	52, 183	57, 743	59, 396	59, 481	55, 105	4, 376	9.9	9.1	9.1	8.9
Minnesota.....	26, 354	28, 020	27, 690	27, 859	27, 529	330	9.4	9.4	9.2	9.2
Mississippi.....	23, 295	20, 784	21, 076	20, 755	9, 453	11, 302	10.7	9.5	9.7	9.6
Missouri.....	43, 777	43, 710	44, 123	45, 111	40, 607	4, 504	11.6	11.1	11.0	11.3
Montana.....	5, 765	5, 822	5, 914	6, 005	5, 738	267	10.3	9.9	10.1	10.1
Nebraska.....	12, 670	12, 617	12, 909	13, 093	12, 756	337	9.6	9.5	9.6	9.7
Nevada.....	1, 402	1, 588	1, 673	1, 702	1, 570	132	12.7	9.9	10.0	9.2
New Hampshire.....	6, 236	6, 076	6, 204	6, 175	6, 168	7	12.7	11.4	11.6	11.6
New Jersey.....	45, 772	49, 100	50, 443	51, 541	47, 643	3, 898	11.0	10.2	10.2	10.1
New Mexico.....	5, 484	5, 471	5, 614	5, 429	4, 836	593	10.3	8.0	7.9	7.4
New York.....	149, 816	156, 074	158, 488	160, 749	150, 488	10, 261	11.1	10.5	10.6	10.7
North Carolina.....	31, 904	31, 130	31, 371	32, 259	21, 252	11, 007	8.9	7.7	7.6	7.7
North Dakota.....	5, 257	5, 191	5, 111	4, 971	4, 835	136	8.2	8.4	8.4	8.2
Ohio.....	78, 949	80, 633	81, 931	84, 013	77, 756	6, 257	11.4	10.1	10.1	10.2
Oklahoma.....	20, 885	19, 473	20, 118	19, 713	17, 294	2, 419	8.9	8.7	8.9	8.9
Oregon.....	12, 180	13, 935	14, 549	14, 605	14, 339	266	11.2	9.2	9.4	9.1
Pennsylvania.....	111, 977	110, 212	111, 426	110, 956	103, 368	7, 588	11.3	10.5	10.6	10.5
Rhode Island.....	8, 019	8, 308	8, 156	8, 240	8, 093	147	11.2	10.5	10.4	10.0
South Carolina.....	20, 280	17, 973	17, 854	18, 570	9, 664	8, 906	10.7	8.5	8.3	8.5
South Dakota.....	5, 700	5, 880	5, 838	5, 840	5, 562	278	8.9	9.0	8.9	8.8
Tennessee.....	29, 383	29, 425	29, 584	29, 494	22, 695	6, 799	10.1	8.9	8.9	9.1
Texas.....	62, 635	63, 349	67, 238	64, 958	53, 863	11, 095	9.8	8.2	8.3	7.9
Utah.....	4, 845	4, 974	5, 111	5, 271	5, 136	135	8.8	7.2	7.2	7.2
Vermont.....	4, 664	4, 167	4, 284	4, 097	4, 094	3	13.0	11.0	11.5	11.2
Virginia.....	29, 741	29, 708	29, 512	30, 237	20, 951	9, 286	11.1	9.0	8.6	8.6
Washington.....	20, 080	22, 486	23, 323	23, 021	22, 362	659	11.6	9.5	9.6	9.3
West Virginia.....	17, 669	17, 428	17, 029	17, 147	15, 864	1, 283	9.3	8.7	8.6	8.8
Wisconsin.....	31, 563	33, 778	33, 653	34, 081	33, 592	489	10.1	9.8	9.7	9.7
Wyoming.....	2, 157	2, 336	2, 346	2, 503	2, 429	74	8.6	8.0	8.0	8.2

<sup>1</sup> Based on total population in each specified area (excluding Armed Forces overseas); population enumerated as of April 1 for 1940 and 1950, for all other years estimated as of July 1.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; *Vital Statistics—Special Reports*, Vol. 40.

## No. 74.—DEATH RATE, 1900 TO 1953, AND DEATHS, 1952 AND 1953, FROM 33 SELECTED CAUSES

[Sixth revision of International lists and International rules for selecting underlying causes of death used beginning 1949; see *The Effect of the Sixth Revision of the International Lists of Diseases and Causes of Death Upon Comparability of Mortality Trends*, Vital Statistics—Special Reports, Vol. 36, No. 10. Data prior to 1933 for death-registration States only; see table 57. See also *Historical Statistics*, series C 56-61]

CAUSE OF DEATH <sup>1</sup>	DEATH RATE PER 100,000 POPULATION <sup>2</sup>										NUMBER OF DEATHS	
	Fifth revision, 1938						Sixth revision, 1948				1952	1953 <sup>3</sup>
	1900	1910	1920	1930	1940	1949	1949	1952	1953 <sup>3</sup>			
All causes -----	1,719.1	1,468.0	1,298.9	1,132.1	1,076.4	971.0	971.0	961.0	959.3	1,496,838	1,519,000	
Tuberculosis, all forms -----	194.4	153.8	113.1	71.1	45.9	27.4	26.3	15.8	12.6	24,621	19,870	
Syphilis and its sequelae -----	<sup>4</sup> 12.0	<sup>4</sup> 13.5	<sup>4</sup> 16.5	15.7	14.4	7.7	5.8	3.7	3.4	5,719	5,430	
Typhoid fever -----	<sup>5</sup> 31.3	<sup>5</sup> 22.5	<sup>5</sup> 7.6	4.7	1.0	( <sup>6</sup> )	.1	.1	.0	78	20	
Dysentery, all forms -----	12.0	6.0	4.0	2.8	1.9	.9	1.0	.6	.4	937	710	
Diphtheria -----	40.3	21.1	15.3	4.9	1.1	.4	.4	.1	.1	217	160	
Whooping cough -----	12.2	11.6	12.5	4.8	2.2	.5	.5	.3	.2	402	310	
Meningococcal infections -----	( <sup>6</sup> )	.3	1.6	3.6	.5	.6	.6	.9	.8	1,386	1,240	
Acute poliomyelitis -----	( <sup>6</sup> )	2.9	.9	1.2	.8	1.9	1.8	2.0	1.1	3,145	1,730	
Measles -----	13.3	12.4	8.8	3.2	.5	.7	.6	.4	.3	618	510	
All other infective and parasitic diseases -----	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	8.8	4.0	3.1	3.0	3.0	4,716	4,720	
Malignant neoplasms <sup>7</sup> -----	64.0	76.2	83.4	97.4	120.3	137.2	138.8	143.4	144.7	223,277	229,110	
Diabetes mellitus -----	11.0	15.3	16.1	19.1	26.6	29.7	16.9	16.4	16.0	25,474	25,390	
Major cardiovascular-renal diseases -----	345.2	371.9	364.9	414.4	485.7	483.2	502.1	511.6	513.6	796,871	813,110	
Diseases of cardiovascular system -----	264.3	287.2	282.5	327.8	406.6	433.9	484.6	498.3	501.6	776,114	794,120	
Vascular lesions affecting central nervous system -----	<sup>8</sup> 106.9	<sup>8</sup> 95.8	<sup>8</sup> 93.0	89.0	90.9	88.9	100.9	106.8	108.3	166,331	171,410	
Rheumatic fever -----	5.3	6.2	3.8	2.5	1.3	.6	1.5	1.0	.9	1,583	1,490	
Diseases of heart -----	<sup>9</sup> 137.4	<sup>9</sup> 158.9	<sup>9</sup> 159.6	214.2	292.5	320.9	348.8	356.4	357.8	555,141	566,420	
Hypertension without mention of heart -----				.4	1.0	1.3	8.2	8.0	7.9	12,506	12,520	
General arteriosclerosis -----				18.5	17.3	17.9	20.5	20.3	20.7	31,685	32,830	
Other diseases of circulatory system -----	14.7	26.4	26.2	3.1	3.5	4.3	4.7	5.7	6.0	8,868	9,450	
Chronic and unspecified nephritis and other renal sclerosis -----	81.0	84.6	82.4	86.7	79.0	49.3	17.4	13.3	12.0	20,757	18,990	
Influenza and pneumonia, exc. pneumonia of newborn -----	<sup>10</sup> 202.2	<sup>10</sup> 155.9	<sup>10</sup> 207.3	102.5	70.3	34.2	30.0	29.7	33.1	46,265	52,330	
Ulcer of stomach and duodenum -----	<sup>11</sup> 2.7	<sup>11</sup> 4.0	<sup>11</sup> 3.6	6.2	6.8	6.1	5.3	5.6	5.6	8,770	8,930	
Gastritis, duodenitis, enteritis, and colitis, exc. diarrhea of newborn -----	<sup>12</sup> 142.7	<sup>12</sup> 115.4	<sup>12</sup> 53.7	26.0	10.3	6.6	6.7	5.6	5.4	8,743	8,560	
Cirrhosis of liver -----	12.5	13.3	7.1	7.2	8.6	11.3	9.2	10.2	10.6	15,934	16,800	
Acute nephritis and nephritis with edema, incl. nephrosis -----	7.7	10.2	6.3	4.3	2.5	1.4	2.4	2.0	1.6	3,131	2,540	
Deliveries and complications of pregnancy, childbirth, and the puerperium -----	13.4	15.3	19.0	12.7	6.7	2.4	2.2	1.7	1.4	2,610	2,170	
Congenital malformations -----	12.0	15.2	15.2	11.2	10.0	13.0	12.7	12.7	12.6	19,768	20,020	
Certain diseases of early infancy -----	62.6	73.0	69.2	49.6	39.2	40.9	43.2	40.9	40.6	63,659	64,350	
Symptoms, senility, and ill-defined conditions -----	117.5	47.5	31.8	30.4	23.7	15.9	15.8	14.1	12.7	21,950	20,050	
Motor-vehicle accidents -----	( <sup>6</sup> )	<sup>13</sup> 1.8	<sup>13</sup> 10.3	26.7	26.2	21.3	21.3	24.3	24.2	37,794	38,310	
All other accidents -----	<sup>14</sup> 72.3	<sup>15</sup> 82.4	<sup>15</sup> 59.7	53.1	47.0	42.4	39.3	37.5	36.6	58,378	57,920	
Suicide -----	10.2	15.3	10.2	15.6	14.4	11.4	11.4	10.0	10.2	15,567	16,090	
Homicide -----	1.2	4.6	6.8	8.9	6.3	5.4	5.4	5.2	5.0	8,054	7,880	
All other causes -----	326.2	206.4	153.9	134.6	94.8	64.4	68.2	63.4	63.4	98,754	100,340	

<sup>1</sup> In accordance with sixth revision.

<sup>2</sup> Rates based on population estimated as of July 1 for 1900-1930, 1949, 1952, and 1953; enumerated as of April 1 for 1940. Population base excludes Armed Forces overseas, 1940-1953.

<sup>3</sup> Estimated; based on a 10-percent sample of death certificates.

<sup>4</sup> Excludes aneurysm of the aorta.

<sup>5</sup> Includes paratyphoid fever.

<sup>6</sup> Not available.

<sup>7</sup> Includes neoplasms of lymphatic and hematopoietic tissues.

<sup>8</sup> Includes all embolisms and thromboses, except puerperal.

<sup>9</sup> Excludes diseases of coronary arteries.

<sup>10</sup> Excludes capillary bronchitis.

<sup>11</sup> Excludes ulcer of duodenum.

<sup>12</sup> Includes ulcer of duodenum.

<sup>13</sup> Excludes automobile collision with trains and street cars, and motorcycle accidents.

<sup>14</sup> Includes legal executions and food poisoning.

<sup>15</sup> Includes legal executions.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*, and *Monthly Vital Statistics Report*.



# No. 75.—DEATHS AND DEATH RATE FOR ACCIDENTS, BY TYPE OF ACCIDENT: 1949 TO 1952

TYPE OF ACCIDENT	1949	1950	1951	1952	RATE <sup>1</sup>			
					1949	1950	1951	1952
<b>All accidents</b> -----	<b>90,106</b>	<b>91,249</b>	<b>95,871</b>	<b>96,172</b>	<b>60.7</b>	<b>60.6</b>	<b>62.5</b>	<b>61.7</b>
Railway accidents-----	2,119	2,126	2,058	1,760	1.4	1.4	1.3	1.1
Motor-vehicle accidents-----	31,701	34,763	36,996	37,794	21.3	23.1	24.1	24.3
Traffic-----	30,863	33,863	36,030	36,824	20.8	22.5	23.5	23.6
Nontraffic-----	838	900	966	970	.6	.6	.6	.6
Other road-vehicle accidents-----	599	533	459	447	.4	.4	.3	.3
Water-transport accidents-----	1,484	1,502	1,639	1,437	1.0	1.0	1.1	.9
Aircraft accidents-----	1,549	1,436	1,747	1,594	1.0	1.0	1.1	1.0
Accidental poisoning by--								
Solid and liquid substances-----	1,634	1,584	1,497	1,440	1.1	1.1	1.0	.9
Gases and vapors-----	1,617	1,769	1,627	1,397	1.1	1.2	1.1	.9
Accidental falls-----	22,308	20,783	21,376	20,945	15.0	13.8	13.9	13.4
Fall from one level to another-----	7,456	7,117	7,251	7,306	5.0	4.7	4.7	4.7
Fall on same level-----	4,300	4,569	4,945	4,627	2.9	3.0	3.2	3.0
Unspecified falls-----	10,552	9,097	9,180	9,012	7.1	6.0	6.0	5.8
Blow from falling object-----	1,604	1,613	1,535	1,391	1.1	1.1	1.0	.9
Accidents caused by--								
Machinery-----	1,669	1,771	2,068	2,083	1.1	1.2	1.3	1.3
Electric current-----	1,046	955	988	1,056	.7	.6	.6	.7
Fire and explosion of combustible material-----	5,982	6,405	6,788	6,922	4.0	4.3	4.4	4.4
Hot substance, corrosive liquid, steam, and radiation-----	950	842	944	836	.6	.6	.6	.5
Firearms-----	2,326	2,174	2,247	2,210	1.6	1.4	1.5	1.4
Inhalation and ingestion of food or other object causing obstruction or suffocation-----	1,341	1,350	1,456	1,434	.9	.9	.9	.9
Accidental drowning-----	5,330	4,785	5,055	5,346	3.6	3.2	3.3	3.4
Excessive heat and insolation-----	488	137	422	1,401	.3	.1	.3	.9
Excessive cold-----	185	250	407	225	.1	.2	.3	.1
Hunger, thirst, and exposure-----	182	176	385	297	.1	.1	.3	.2
Cataclysm-----	314	251	122	299	.2	.2	.1	.2
Lightning-----	249	219	248	212	.2	.1	.2	.1
Complications due to nontherapeutic medical and surgical procedures, therapeutic misadventure, and late complications of therapeutic procedures-----	232	589	680	658	.2	.4	.4	.4
All other accidents-----	5,197	5,236	5,127	4,988	3.5	3.5	3.3	3.2

<sup>1</sup> Per 100,000 population excluding Armed Forces overseas. For 1950, based on population enumerated as of April 1; for 1949, 1951, and 1952, based on population estimated as of July 1.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

## No. 76.—INFANT DEATHS (UNDER 1 YEAR OF AGE) PER 1,000 LIVE BIRTHS, BY AGE GROUPS: 1915 TO 1952

[Data prior to 1933 for birth-registration States only; see table 57. For total under 1 year, see also *Historical Statistics*, series C 39]

AGE	1915	1920	1925	1930	1935	1940	1945	1946	1947	1948	1949	1950	1951	1952
<b>Total under 1 year</b> -----	<b>99.9</b>	<b>85.8</b>	<b>71.7</b>	<b>64.6</b>	<b>55.7</b>	<b>47.0</b>	<b>38.3</b>	<b>33.8</b>	<b>32.2</b>	<b>32.0</b>	<b>31.3</b>	<b>29.2</b>	<b>28.4</b>	<b>28.4</b>
Under 28 days-----	44.4	41.5	7.8	35.7	32.4	28.8	24.3	24.0	22.8	22.2	21.4	20.5	20.0	19.8
28 to 59 days-----	9.0	7.3	5.8	5.3	4.4	3.5	2.8	2.2	2.0	2.0	2.1	1.8	1.7	1.8
2 months-----	7.6	5.7	4.6	4.2	3.5	2.9	2.2	1.6	1.6	1.6	1.6	1.4	1.4	1.4
3 months-----			4.0	3.5	2.9	2.4	1.8	1.3	1.3	1.3	1.3	1.2	1.1	1.1
4 months-----			3.4	2.8	2.3	1.9	1.4	1.0	1.0	1.1	1.1	.9	.9	.9
5 months-----			2.9	2.4	2.0	1.6	1.2	.8	.8	.9	.9	.7	.7	.8
6 months-----			2.7	2.3	1.8	1.4	1.1	.7	.7	.7	.7	.6	.6	.6
7 months-----			2.5	2.0	1.6	1.2	.9	.6	.5	.6	.6	.6	.5	.5
8 months-----			2.3	1.8	1.4	1.0	.8	.5	.5	.5	.5	.5	.4	.5
9 months-----			2.1	1.7	1.3	.9	.6	.4	.4	.4	.4	.4	.4	.4
10 months-----			1.9	1.5	1.1	.8	.5	.4	.3	.4	.4	.3	.3	.3
11 months-----			1.8	1.4	1.1	.7	.5	.3	.3	.3	.3	.3	.3	.3

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

# No. 77.—DEATH RATE PER 100,000 POPULATION, FOR THE 10 LEADING CAUSES OF DEATH, BY STATES: 1952

[By place of residence. Based on total population present in area, excluding Armed Forces overseas. For method of selecting the leading causes of death, see *The Leading Causes of Death: United States, 1950*, Vital Statistics—Special Reports, Vol. 37, No. 15]

STATE	Diseases of heart	Malignant neoplasms, etc.	Vascular lesions affecting central nervous system	Accidents	Certain diseases of early infancy	Pneumonia (exc. of newborn) and influenza	General arteriosclerosis	Diabetes mellitus	Tuberculosis, all forms	Chronic and unspecified nephritis, etc.
United States.....	356.4	143.4	106.8	61.7	40.9	29.7	20.3	16.4	15.8	13.3
Alabama.....	263.4	97.4	108.5	65.1	52.7	39.8	11.5	10.2	18.5	20.3
Arizona.....	206.9	91.8	56.8	94.8	55.1	39.5	12.8	10.6	41.1	8.0
Arkansas.....	265.4	106.4	101.3	72.2	32.0	38.8	12.0	8.9	26.7	24.0
California.....	350.0	141.3	98.4	62.6	36.9	24.3	27.6	10.0	15.4	7.8
Colorado.....	300.8	130.8	92.3	66.3	48.5	51.3	20.6	11.0	11.7	11.1
Connecticut.....	389.7	174.8	104.6	46.2	29.5	16.7	18.3	17.7	11.7	9.8
Delaware.....	407.5	140.5	104.9	57.8	40.8	35.6	22.4	23.0	15.2	15.2
District of Columbia.....	397.1	159.3	97.2	61.8	52.4	34.1	13.6	13.9	30.5	9.7
Florida.....	311.7	134.9	105.9	66.5	47.8	30.1	15.6	13.1	16.3	13.2
Georgia.....	262.6	98.1	128.3	65.5	49.0	36.3	13.0	12.1	13.2	19.9
Idaho.....	274.7	110.2	94.7	83.2	42.3	24.6	16.6	13.4	7.3	12.4
Illinois.....	439.0	167.9	109.6	60.7	35.2	31.3	18.7	17.1	17.6	16.7
Indiana.....	365.5	138.9	126.6	68.6	38.9	29.1	25.9	18.1	12.3	13.4
Iowa.....	372.5	157.6	150.2	61.5	36.7	28.8	28.9	16.9	7.0	12.8
Kansas.....	345.2	138.1	132.2	70.3	39.6	26.3	25.4	17.6	8.2	18.9
Kentucky.....	321.0	120.5	110.2	73.3	46.3	42.9	20.2	13.8	29.0	15.8
Louisiana.....	311.4	122.1	87.3	63.8	55.6	33.8	12.2	14.5	20.2	15.2
Maine.....	432.5	182.1	130.8	57.5	42.4	29.8	30.4	15.9	11.5	18.7
Maryland.....	387.3	137.7	80.9	58.8	39.7	25.7	17.3	17.9	25.3	12.8
Massachusetts.....	447.8	182.0	118.2	53.1	33.0	26.7	26.3	21.5	15.1	11.5
Michigan.....	319.3	139.4	99.2	60.5	42.8	25.0	19.7	19.8	11.8	11.2
Minnesota.....	333.9	153.7	121.5	57.7	35.2	23.7	22.6	16.6	6.8	8.6
Mississippi.....	271.8	101.9	111.0	67.3	56.2	35.0	9.6	11.4	19.4	26.2
Missouri.....	419.5	163.6	137.0	76.4	36.5	39.5	24.6	17.7	17.3	19.3
Montana.....	334.2	132.3	109.2	98.0	45.1	29.8	22.1	16.1	12.9	16.2
Nebraska.....	358.2	151.3	122.2	61.9	37.7	28.2	23.3	19.7	5.9	12.0
Nevada.....	298.4	111.9	85.4	102.2	51.9	23.2	13.0	7.6	15.1	10.3
New Hampshire.....	465.0	192.5	135.4	52.0	31.5	28.4	38.2	21.8	8.9	16.4
New Jersey.....	422.4	177.8	102.8	48.6	32.4	24.2	19.7	21.4	16.6	11.4
New Mexico.....	147.6	72.4	47.3	79.7	74.0	41.5	8.3	7.3	23.1	9.3
New York.....	467.3	187.1	94.7	48.8	33.1	29.2	20.3	20.6	17.5	10.3
North Carolina.....	259.7	81.0	100.6	61.3	50.3	32.0	10.9	9.3	13.2	15.1
North Dakota.....	283.3	122.1	100.3	64.5	43.3	17.4	19.6	16.9	8.8	9.3
Ohio.....	368.5	158.4	122.5	63.4	40.7	25.6	28.1	24.0	13.5	11.7
Oklahoma.....	279.3	137.3	109.7	67.4	38.4	32.2	16.0	13.1	14.4	15.2
Oregon.....	331.9	131.6	103.2	78.1	36.0	29.0	28.0	11.6	9.4	8.4
Pennsylvania.....	419.7	163.4	111.0	55.0	36.1	29.5	25.0	23.3	17.3	15.9
Rhode Island.....	439.9	168.3	103.2	36.0	29.6	16.5	23.5	29.0	12.2	10.7
South Carolina.....	263.0	80.6	107.5	70.9	58.0	38.1	14.6	11.8	16.6	19.3
South Dakota.....	293.0	131.2	107.3	68.8	45.9	22.1	21.8	18.0	11.2	7.0
Tennessee.....	278.7	111.0	113.2	60.9	46.0	35.8	11.6	9.1	27.2	16.4
Texas.....	243.7	106.7	80.7	67.0	52.0	29.4	11.6	10.6	16.4	12.3
Utah.....	230.5	87.7	65.1	73.0	47.1	18.2	10.3	14.7	6.9	7.2
Vermont.....	434.6	167.6	139.8	62.7	36.5	36.5	39.2	19.6	15.8	13.9
Virginia.....	293.9	103.7	108.2	61.3	50.2	34.8	18.5	10.5	18.9	14.8
Washington.....	341.3	143.0	115.3	68.2	39.6	23.0	23.0	15.1	10.6	10.0
West Virginia.....	292.5	112.4	95.0	70.0	45.5	38.0	15.6	14.4	16.4	13.5
Wisconsin.....	373.8	159.3	118.3	60.5	38.5	23.1	24.9	19.0	6.5	10.3
Wyoming.....	254.6	105.9	80.4	100.0	53.3	26.1	11.1	11.8	6.2	14.4

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

# NO. 78.—INFANT DEATHS (UNDER 1 YEAR OF AGE) AND RATE PER 1,000 LIVE BIRTHS, BY STATES: 1940 TO 1952

[By place of residence. See also *Historical Statistics*, series C 39-41]

STATE	NUMBER OF INFANT DEATHS						RATE PER 1,000 LIVE BIRTHS					
	1940	1950	1951	1952			1940	1950	1951	1952		
				Total	White	Non-white				Total	White	Non-white
United States.....	110,984	103,825	106,702	109,413	84,752	24,661	47.0	29.2	28.4	28.4	25.5	47.0
Alabama.....	3,870	3,044	3,110	3,073	1,437	1,636	61.5	36.8	37.1	37.0	28.0	51.3
Arizona.....	983	953	1,127	1,089	735	354	85.5	45.8	50.0	44.0	35.0	94.6
Arkansas.....	1,810	1,209	1,274	1,235	765	470	47.0	26.5	28.1	28.2	24.4	37.8
California.....	4,403	6,115	6,381	6,909	6,173	736	39.2	25.0	24.5	24.5	23.9	30.8
Colorado.....	1,270	1,167	1,194	1,198	1,167	31	60.4	34.4	33.3	32.2	32.3	30.5
Connecticut.....	868	886	899	964	890	74	34.0	21.8	20.8	20.7	20.0	37.4
Delaware.....	217	235	227	242	162	80	47.7	30.7	27.5	27.5	22.3	51.7
District of Columbia.....	554	603	608	669	295	374	49.3	30.4	29.6	32.6	27.2	38.6
Florida.....	1,818	2,078	2,322	2,532	1,391	1,141	53.8	32.1	32.9	34.0	25.8	55.2
Georgia.....	3,744	3,064	3,272	3,177	1,580	1,597	57.8	33.5	34.3	32.7	25.6	44.8
Idaho.....	506	434	412	422	408	14	42.9	27.1	25.2	25.1	24.7	48.3
Illinois.....	4,398	4,868	5,020	5,093	4,180	913	35.3	25.6	25.0	24.8	23.0	38.6
Indiana.....	2,595	2,520	2,730	2,798	2,498	300	42.1	27.0	27.0	26.7	25.4	46.7
Iowa.....	1,636	1,555	1,655	1,575	1,547	28	36.5	24.8	25.0	24.5	24.3	41.5
Kansas.....	1,106	1,130	1,123	1,238	1,143	95	38.3	25.7	23.8	24.8	24.0	40.8
Kentucky.....	3,387	2,616	2,504	2,614	2,360	254	53.1	34.9	32.9	35.3	34.4	46.0
Louisiana.....	3,268	2,639	2,621	2,668	1,115	1,553	64.3	34.6	32.6	33.1	22.9	48.5
Maine.....	810	650	631	635	632	3	53.2	30.9	29.7	29.6	29.5	53.6
Maryland.....	1,590	1,465	1,492	1,706	1,145	561	49.1	27.0	24.9	27.3	23.1	43.4
Massachusetts.....	2,458	2,240	2,217	2,461	2,370	91	37.5	23.3	22.1	23.3	23.0	37.4
Michigan.....	4,032	4,230	4,516	4,719	4,121	598	40.7	26.3	26.0	26.4	25.5	35.6
Minnesota.....	1,758	1,889	1,879	1,729	1,698	31	33.2	25.1	23.5	21.8	21.7	29.8
Mississippi.....	2,869	2,385	2,611	2,621	777	1,844	54.4	36.7	39.8	40.6	27.6	50.6
Missouri.....	2,885	2,510	2,499	2,572	2,115	457	46.9	29.2	27.7	28.5	26.1	48.5
Montana.....	537	441	424	451	400	51	46.5	28.2	26.9	27.4	25.7	58.2
Nebraska.....	792	796	794	794	744	50	36.0	25.0	23.6	23.5	22.6	51.5
Nevada.....	109	139	137	155	125	30	51.7	37.9	33.7	34.1	30.2	75.4
New Hampshire.....	341	282	277	279	278	1	40.9	24.5	23.2	23.2	23.2	62.5
New Jersey.....	2,121	2,467	2,542	2,613	2,139	474	35.5	25.2	24.1	23.7	21.4	45.5
New Mexico.....	1,488	1,211	1,310	1,150	943	207	100.6	54.8	55.4	47.5	42.7	99.1
New York.....	7,297	7,429	7,444	7,859	6,644	1,215	37.2	24.7	23.5	24.1	22.4	40.4
North Carolina.....	4,631	3,674	3,630	3,968	1,956	2,012	57.6	34.5	32.7	35.7	26.4	54.0
North Dakota.....	593	453	471	428	394	34	45.1	26.6	27.3	24.7	23.4	73.9
Ohio.....	4,744	4,990	5,112	5,611	4,853	758	41.4	26.8	25.5	27.0	25.5	43.3
Oklahoma.....	2,238	1,514	1,561	1,439	1,124	315	49.9	30.2	30.8	28.6	25.4	52.2
Oregon.....	585	812	882	958	931	27	33.2	22.5	23.6	24.0	23.8	31.0
Pennsylvania.....	7,404	6,126	6,117	6,194	5,341	853	44.7	27.6	26.0	25.9	24.3	44.0
Rhode Island.....	410	450	429	390	372	18	37.9	27.8	25.3	22.8	22.4	39.5
South Carolina.....	3,042	2,220	2,210	2,564	997	1,567	68.2	38.6	36.4	41.0	28.6	56.6
South Dakota.....	466	473	444	506	440	66	38.7	26.6	24.4	27.6	25.1	82.9
Tennessee.....	2,954	2,961	2,876	2,742	2,031	711	53.5	36.4	34.1	33.3	30.8	43.4
Texas.....	8,675	7,630	8,479	7,739	6,353	1,386	68.3	37.4	38.9	34.2	32.3	46.4
Utah.....	539	503	548	575	562	13	40.4	23.7	23.9	24.2	24.1	31.1
Vermont.....	309	221	239	219	219	---	44.5	24.5	26.5	23.8	23.8	---
Virginia.....	3,335	2,836	2,985	3,147	1,884	1,263	58.5	34.6	34.2	35.5	28.4	56.5
Washington.....	992	1,522	1,411	1,541	1,414	127	35.2	27.3	24.3	25.1	23.9	54.5
West Virginia.....	2,269	1,822	1,623	1,690	1,552	138	53.7	36.1	32.0	34.4	33.6	47.3
Wisconsin.....	2,046	2,121	2,200	2,200	2,106	94	37.3	25.7	25.0	24.7	24.2	44.5
Wyoming.....	232	247	233	262	246	16	44.7	32.5	29.0	32.3	31.3	63.5

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.



**No. 79.—ESTIMATES OF MARRIAGES FOR THE UNITED STATES AND MARRIAGE LICENSES ISSUED IN MAJOR CITY AREAS, BY MONTH: 1950 TO 1954**

[Provisional data. Figures for major-city areas represent licenses issued in 34 cities with population of 100,000 or more according to the 1950 Census, and in 69 counties containing the remaining 72 cities in that population-size group. These areas contain nearly two-fifths of the total population of the United States]

MONTH	UNITED STATES <sup>1</sup>					MAJOR CITY AREAS				
	1950	1951	1952	1953	1954	1950	1951	1952	1953	1954
<b>Total.....</b>	<b>1,651,000</b>	<b>1,578,000</b>	<b>1,524,000</b>	<b>1,533,000</b>	<b>1,476,000</b>	<b>575,414</b>	<b>543,295</b>	<b>515,780</b>	<b>517,728</b>	<b>494,799</b>
January.....	95,000	116,000	95,000	103,000	94,000	35,919	45,804	34,877	37,034	33,789
February.....	101,000	104,000	106,000	104,000	106,000	33,591	32,364	35,212	32,510	34,600
March.....	92,000	120,000	96,000	101,000	96,000	33,356	44,859	31,870	34,519	29,560
April.....	132,000	120,000	115,000	124,000	111,000	45,121	41,973	41,534	44,167	41,802
May.....	125,000	122,000	132,000	125,000	121,000	52,169	48,307	49,089	46,047	44,767
June.....	191,000	195,000	180,000	186,000	176,000	65,849	63,784	60,135	62,050	59,100
July.....	151,000	124,000	123,000	127,000	128,000	48,192	41,695	41,566	43,094	40,935
August.....	167,000	142,000	151,000	141,000	136,000	65,453	53,273	50,409	49,401	48,764
September.....	178,000	150,000	134,000	141,000	137,000	57,081	45,880	45,029	46,543	45,118
October.....	142,000	125,000	129,000	129,000	122,000	49,395	42,919	43,271	43,406	39,776
November.....	130,000	123,000	131,000	123,000	124,000	44,231	40,636	40,342	38,781	38,279
December.....	145,000	137,000	132,000	128,000	124,000	45,057	41,801	42,446	40,176	38,309

<sup>1</sup> For method of estimating marriages by month for United States, see *Monthly Vital Statistics Report*, Vol. 3, No. 1. Comparable final figures on marriages available for 1950-53 are 1,667,231 in 1950; 1,594,694 in 1951; 1,539,318 in 1952; and 1,546,000 in 1953.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; *Monthly Vital Statistics Report*, annual summary.

**No. 80.—MEDIAN AGE OF BRIDE AND GROOM AT FIRST MARRIAGE AND REMARRIAGE, FOR 22 REPORTING STATES: 1951 AND 1952**

[By place of occurrence. Medians for total and each State were computed from distribution of marriages by single year of age except for Connecticut, Maryland, New York, and Virginia for 1951 and 1952, Delaware and Tennessee for 1951, and Massachusetts for 1952, for which medians were computed on 5-year age groups]

STATE	1951				1952			
	First marriage		Remarriage		First marriage		Remarriage	
	Bride	Groom	Bride	Groom	Bride	Groom	Bride	Groom
<b>Total, 13 States<sup>1</sup>.....</b>	<b>20.6</b>	<b>23.3</b>	<b>34.7</b>	<b>39.5</b>	<b>20.4</b>	<b>23.1</b>	<b>35.0</b>	<b>39.8</b>
Alabama.....	(2)	(2)	(2)	(2)	19.8	22.7	32.9	39.4
Connecticut.....	22.4	24.9	36.4	41.3	22.4	25.1	36.3	40.9
Delaware.....	22.1	24.3	35.1	40.8	21.4	24.1	35.5	39.7
Florida.....	20.9	23.7	35.1	40.7	21.0	23.7	35.3	41.1
Idaho.....	19.3	22.5	32.5	36.8	19.2	22.3	32.6	37.0
Iowa.....	21.2	23.8	36.1	40.4	20.1	22.8	34.7	38.7
Kansas.....	19.9	22.6	33.1	37.8	19.8	22.5	33.3	38.0
Louisiana <sup>3</sup> .....	19.5	22.6	33.4	39.5	19.7	22.6	34.5	40.7
Maine.....	20.3	23.0	33.5	38.5	20.3	22.8	34.1	38.4
Maryland.....	20.8	23.7	35.8	40.5	20.7	23.7	35.1	40.0
Massachusetts.....	(2)	(2)	(2)	(2)	22.6	24.6	37.6	43.4
Michigan.....	20.7	23.2	35.5	39.7	20.6	23.2	35.8	40.2
Missouri.....	20.9	23.6	35.0	39.7	20.9	23.5	35.7	40.2
New Hampshire.....	21.2	23.8	34.4	39.0	21.1	23.8	34.6	39.3
New York <sup>4</sup> .....	21.5	24.2	37.7	43.8	21.5	24.2	38.3	44.0
Ohio.....	(2)	(2)	(2)	(2)	21.4	24.0	35.3	40.0
Oregon.....	19.9	22.9	35.6	39.5	19.8	22.8	36.4	40.2
South Dakota.....	20.3	23.4	33.7	38.5	20.1	23.4	32.8	38.6
Tennessee.....	20.7	23.2	32.6	38.5	20.6	22.7	32.9	38.9
Vermont.....	20.7	23.5	36.6	42.2	20.7	23.4	36.0	42.5
Virginia.....	21.6	23.7	34.1	39.3	21.5	23.7	34.3	40.1
Wyoming.....	20.2	22.8	33.0	37.7	20.1	22.9	33.0	37.5

<sup>1</sup> States included: Florida, Idaho, Iowa, Kansas, Louisiana, Maine, Michigan, Missouri, New Hampshire, Oregon, South Dakota, Vermont, and Wyoming.

<sup>2</sup> Not available.

<sup>3</sup> Excludes New Orleans.

<sup>4</sup> Excludes New York City.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

# No. 81.—MARRIAGES AND DIVORCES—NUMBER AND RATE PER 1,000 POPULATION, BY STATES: 1950, 1952, AND 1953

[By place of occurrence. For U. S. rates, see also *Historical Statistics*, series C 77 and C 78]

STATE	MARRIAGES						DIVORCES <sup>1</sup>					
	Number			Rate <sup>2</sup>			Number			Rate <sup>2</sup>		
	1950	1952	1953	1950	1952	1953	1950	1952	1953	1950	1952	1953
<b>United States</b>	<b>1,667,231</b>	<b>1,539,318</b>	<b>1,546,000</b>	<b>11.1</b>	<b>9.9</b>	<b>9.8</b>	<b>385,144</b>	<b>392,000</b>	<b>390,000</b>	<b>2.6</b>	<b>2.5</b>	<b>2.5</b>
Alabama	22,823	20,391	19,969	7.5	6.6	6.4	8,743	9,076	9,281	2.9	2.9	3.0
Arizona	20,031	22,436	23,500	26.7	25.8	25.3	4,062	4,905	5,125	5.4	5.6	5.5
Arkansas	<sup>4</sup> 51,584	<sup>4</sup> 53,059	27,733	<sup>4</sup> 27.0	<sup>4</sup> 28.8	14.5	<sup>3</sup> 8,800	-----	8,234	<sup>3</sup> 4.6	-----	4.3
California	79,360	78,833	79,662	7.5	6.7	6.5	38,833	41,398	40,196	3.7	3.5	3.3
Colorado	<sup>4</sup> 13,735	<sup>4</sup> 12,594	<sup>4</sup> 12,216	<sup>4</sup> 10.4	<sup>4</sup> 8.9	<sup>4</sup> 8.6	<sup>3</sup> 4,400	<sup>3</sup> 4,500	<sup>4</sup> 4,300	<sup>3</sup> 3.3	<sup>3</sup> 3.2	<sup>3</sup> 3.0
Connecticut	19,474	17,677	18,109	9.7	8.3	8.4	2,712	2,853	2,825	1.4	1.3	1.3
Delaware	2,635	2,454	2,495	8.3	7.1	7.0	637	547	603	2.0	1.6	1.7
Dist. of Columbia	<sup>4</sup> 10,198	<sup>4</sup> 9,487	<sup>4</sup> 8,863	<sup>4</sup> 12.7	<sup>4</sup> 11.6	<sup>4</sup> 10.5	1,697	1,186	1,568	2.1	1.4	1.9
Florida	27,588	26,924	27,278	10.0	8.7	8.1	18,033	20,468	20,139	6.5	6.6	6.0
Georgia	<sup>4</sup> 44,122	<sup>3</sup> 48,430	52,092	<sup>4</sup> 12.8	<sup>3</sup> 13.8	14.5	<sup>3</sup> 9,514	<sup>3</sup> 9,000	<sup>5</sup> 8,843	<sup>3</sup> 2.6	<sup>3</sup> 2.6	<sup>5</sup> 1.9
Idaho	8,345	8,120	8,486	14.2	13.8	14.1	2,696	2,586	2,584	4.8	4.4	4.3
Illinois	<sup>4</sup> 93,288	<sup>4</sup> 81,785	<sup>4</sup> 82,923	<sup>4</sup> 10.7	<sup>4</sup> 9.2	<sup>4</sup> 9.2	23,002	24,188	21,801	2.6	2.7	2.4
Indiana	<sup>4</sup> 61,659	65,087	<sup>3</sup> 65,232	<sup>4</sup> 15.7	15.5	<sup>3</sup> 15.8	<sup>3</sup> 11,600	12,789	<sup>3</sup> 12,388	<sup>3</sup> 2.9	3.1	<sup>3</sup> 3.0
Iowa	27,603	22,600	23,180	10.5	8.7	8.9	5,404	5,596	5,253	2.1	2.2	2.0
Kansas	18,486	15,971	17,739	9.7	8.1	8.8	<sup>3</sup> 5,000	5,312	5,394	<sup>3</sup> 2.6	2.7	2.7
Kentucky	<sup>4</sup> 33,019	<sup>4</sup> 25,311	<sup>4</sup> 24,202	<sup>4</sup> 11.2	<sup>4</sup> 8.6	<sup>4</sup> 8.2	<sup>3</sup> 8,100	-----	-----	<sup>3</sup> 2.8	-----	-----
Louisiana	<sup>3</sup> 26,900	21,169	23,794	<sup>3</sup> 10.0	7.7	8.3	<sup>3</sup> 5,400	-----	-----	<sup>3</sup> 2.0	-----	-----
Maine	8,617	8,079	8,197	9.4	9.1	9.0	2,175	2,207	2,177	2.4	2.5	2.4
Maryland	<sup>4</sup> 50,661	45,049	44,829	<sup>4</sup> 21.6	17.7	17.6	5,039	4,934	5,207	2.2	1.9	2.0
Massachusetts	41,711	37,699	-----	8.9	7.9	-----	6,515	6,003	6,473	1.4	1.3	1.3
Michigan	58,180	50,487	53,308	9.1	7.6	7.8	15,979	<sup>4</sup> 14,925	<sup>5</sup> 16,537	2.5	<sup>5</sup> 2.2	<sup>5</sup> 2.4
Minnesota	<sup>4</sup> 30,991	23,525	24,270	<sup>4</sup> 10.4	7.8	7.9	4,049	4,004	4,118	1.4	1.3	1.3
Mississippi	56,738	58,116	61,751	26.0	27.0	28.3	6,065	5,419	5,204	2.8	2.5	2.4
Missouri	34,300	28,373	33,012	8.7	7.1	8.1	12,177	12,943	12,342	3.1	3.3	3.0
Montana	7,235	6,410	6,597	12.2	10.7	10.7	1,951	1,989	1,986	3.3	3.3	3.2
Nebraska	13,828	11,484	11,575	10.4	8.5	8.6	2,554	2,403	2,367	1.9	1.8	1.8
Nevada	<sup>4</sup> 49,872	<sup>4</sup> 50,209	<sup>4</sup> 51,729	<sup>3</sup> 11.5	<sup>4</sup> 27.1	<sup>4</sup> 25.1	8,909	9,130	10,127	55.7	49.4	49.2
New Hampshire	7,631	7,184	7,016	14.3	13.5	13.3	1,040	1,119	1,112	2.0	2.1	2.1
New Jersey	46,291	41,125	40,886	9.6	8.1	8.0	5,434	5,036	4,791	1.1	1.0	0.9
New Mexico	22,717	22,438	<sup>4</sup> 22,511	33.3	30.5	<sup>4</sup> 29.7	2,655	2,940	-----	3.9	4.0	-----
New York	141,075	123,722	125,863	9.5	8.2	8.3	<sup>3</sup> 11,700	-----	-----	<sup>3</sup> 0.8	-----	-----
North Carolina	<sup>4</sup> 29,751	<sup>4</sup> 26,564	<sup>4</sup> 27,017	<sup>4</sup> 7.3	<sup>4</sup> 6.4	<sup>4</sup> 6.4	6,361	5,857	-----	1.6	1.4	-----
North Dakota	5,108	4,078	4,433	8.2	6.8	7.1	589	590	580	1.0	1.0	0.9
Ohio	75,136	60,922	63,320	9.5	7.4	7.6	21,853	21,854	23,278	2.7	2.6	2.8
Oklahoma	<sup>3</sup> 22,400	<sup>3</sup> 21,418	<sup>3</sup> 23,721	<sup>3</sup> 10.0	<sup>3</sup> 9.6	<sup>3</sup> 10.5	<sup>3</sup> 13,900	<sup>3</sup> 13,174	<sup>3</sup> 13,038	<sup>3</sup> 6.2	<sup>3</sup> 5.9	<sup>3</sup> 5.8
Oregon	11,300	9,998	10,502	7.4	6.2	6.6	5,943	6,311	6,372	3.9	3.9	4.0
Pennsylvania	89,669	78,946	80,316	8.5	7.5	7.5	12,140	11,946	12,187	1.2	1.1	1.1
Rhode Island	7,501	6,592	6,422	9.5	8.0	7.9	907	1,026	797	1.1	1.3	1.0
South Carolina	<sup>4</sup> 46,175	46,122	44,924	<sup>4</sup> 21.8	21.2	20.5	<sup>3</sup> 2,300	-----	<sup>5</sup> 2,334	<sup>3</sup> 1.1	-----	<sup>5</sup> 1.1
South Dakota	6,969	5,965	6,057	10.7	9.0	9.2	929	936	928	1.4	1.4	1.4
Tennessee	21,692	21,854	22,354	6.6	6.7	6.7	7,828	7,754	7,699	2.4	2.4	2.3
Texas	<sup>4</sup> 89,155	<sup>3</sup> 90,270	<sup>3</sup> 89,000	<sup>4</sup> 11.6	<sup>3</sup> 11.0	<sup>3</sup> 10.7	<sup>3</sup> 37,400	<sup>3</sup> 37,360	<sup>3</sup> 39,000	<sup>3</sup> 4.9	<sup>5</sup> 4.6	<sup>3</sup> 4.7
Utah	<sup>4</sup> 7,110	6,752	<sup>4</sup> 6,904	<sup>4</sup> 10.3	9.2	<sup>4</sup> 9.4	2,107	2,263	2,422	3.1	3.1	3.3
Vermont	3,569	3,237	3,402	9.4	8.8	9.0	678	610	479	1.8	1.7	1.3
Virginia	36,732	37,049	37,261	11.1	10.6	10.5	5,941	7,834	8,009	1.8	2.2	2.3
Washington	<sup>4</sup> 34,438	30,433	<sup>4</sup> 29,969	<sup>4</sup> 14.5	12.4	<sup>4</sup> 12.1	11,197	9,310	<sup>3</sup> 8,819	4.7	3.8	<sup>3</sup> 3.6
West Virginia	<sup>4</sup> 17,199	14,927	<sup>4</sup> 15,253	<sup>4</sup> 8.6	7.6	<sup>4</sup> 7.9	<sup>3</sup> 4,200	-----	-----	<sup>3</sup> 2.1	-----	-----
Wisconsin	29,081	24,780	25,469	8.5	7.1	7.2	4,845	-----	5,011	1.4	-----	1.4
Wyoming	3,549	3,183	3,141	12.2	10.4	10.3	1,151	<sup>5</sup> 1,250	<sup>5</sup> 1,204	4.0	<sup>5</sup> 4.1	<sup>3</sup> 3.9

<sup>1</sup> Includes reported annulments.

<sup>2</sup> Per 1,000 population. Based on total population in each specified area (excluding Armed Forces overseas); population enumerated as of April 1 for 1950, estimated as of July 1 for 1952 and 1953.

<sup>3</sup> Estimated.

<sup>4</sup> Marriage licenses.

<sup>5</sup> Incomplete.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; *Vital Statistics—Special Reports*, Vol. 42.



**No. 82.—DIVORCES AND ANNULMENTS, BY DURATION OF MARRIAGE, FOR 23  
REPORTING STATES: 1952**

[By place of occurrence]

AREA	Total	DURATION OF MARRIAGE												
		Under 1 year	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years
<b>Total <sup>1 2</sup></b>	<b>141, 204</b>	<b>9, 832</b>	<b>13, 708</b>	<b>12, 576</b>	<b>11, 483</b>	<b>11, 167</b>	<b>10, 761</b>	<b>9, 735</b>	<b>6, 277</b>	<b>4, 997</b>	<b>4, 720</b>	<b>4, 756</b>	<b>4, 274</b>	<b>3, 531</b>
Divorces <sup>3</sup>	134, 389	9, 161	13, 064	12, 103	11, 069	10, 698	10, 288	9, 297	5, 964	4, 749	4, 501	4, 510	4, 061	3, 355
Annulments <sup>3</sup>	1, 197	552	260	87	60	38	24	21	10	13	6	11	6	5
Alabama <sup>2</sup>	9, 076	825	660	925	751	632	688	682	424	341	243	312	268	223
Connecticut	2, 853	15	83	155	154	245	224	226	159	134	123	141	120	95
Florida	20, 468	1, 539	1, 872	1, 603	1, 561	1, 572	1, 609	1, 289	931	851	827	764	655	523
Georgia <sup>4</sup>	9, 000	1, 305	927	693	765	765	666	531	306	306	261	252	279	189
Idaho	2, 586	281	201	159	135	126	120	94	56	43	64	67	43	35
Iowa	5, 596	616	701	626	463	440	389	382	222	135	119	171	133	128
Kansas	5, 312	209	578	574	410	421	404	398	291	211	185	171	141	141
Maine	2, 207	81	191	194	176	192	184	166	99	83	77	52	73	81
Massachusetts	6, 003	267	385	410	483	478	484	357	284	230	271	243	229	169
Michigan <sup>5</sup>	14, 925	193	1, 331	1, 398	1, 235	1, 208	1, 208	1, 161	781	549	518	532	525	445
Mississippi	5, 419	521	611	461	461	419	342	366	238	181	167	181	139	101
Missouri	12, 943	624	1, 573	1, 394	1, 128	1, 007	888	1, 005	598	446	413	427	395	292
Montana	1, 989	86	267	194	157	144	158	144	108	65	62	63	58	59
Nebraska	2, 403	211	134	235	202	206	182	158	107	73	70	83	66	61
New Hampshire	1, 119	45	94	84	94	87	105	70	46	44	35	49	34	41
North Dakota	590	38	45	53	48	50	41	37	23	29	23	17	21	18
Ohio	21, 854	1, 244	2, 228	1, 864	1, 827	1, 914	1, 742	1, 562	908	764	743	721	640	559
Oregon	6, 311	676	715	607	552	473	480	393	246	197	205	199	171	143
South Dakota	936	104	111	85	87	57	79	55	36	24	24	22	28	19
Tennessee	7, 754	795	822	732	635	603	610	549	326	227	231	231	196	178
Vermont	610	11	26	26	33	34	60	41	30	29	25	27	28	16
Virginia	7, 834	78	247	569	647	741	705	623	417	360	365			<sup>6</sup> 1, 372
Wyoming <sup>6</sup>	1, 250	146	153	104	126	94	98	69	58	35	34	31	32	15

AREA	DURATION OF MARRIAGE—continued													Median duration in years
	13 years	14 years	15 years	16 years	17 years	18 years	19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 years and over	Not stated	
Total <sup>1 2</sup>	2, 862	2, 646	2, 615	2, 324	2, 174	1, 921	1, 533	6, 717	4, 306	2, 322	1, 090	703	2, 174	6. 0
Divorces <sup>3</sup>	2, 719	2, 525	2, 466	2, 181	2, 038	1, 817	1, 437	6, 353	4, 099	2, 204	1, 027	668	2, 035	6. 0
Annulments <sup>3</sup>	5	1	2	4	3	2	-----	12	3	1	1	1	69	1. 0
Alabama <sup>2</sup>	161	136	133	142	120	125	71	415	265	129	80	50	275	5. 9
Connecticut	73	67	87	78	85	54	63	224	130	68	35	15	-----	9. 3
Florida	476	426	375	326	355	291	228	943	726	369	168	120	69	6. 3
Georgia <sup>4</sup>	126	144	117	135	126	81	81	351	144	72	54	27	297	4. 9
Idaho	18	24	23	36	15	25	15	46	26	22	8	3	901	4. 5
Iowa	106	100	98	80	70	61	55	240	118	75	33	34	1	4. 9
Kansas	100	96	91	70	66	71	65	224	147	95	39	28	86	6. 0
Maine	56	32	42	43	34	34	31	138	73	33	25	13	4	6. 5
Massachusetts	153	130	147	129	109	105	84	393	243	130	63	27	-----	7. 5
Michigan <sup>5</sup>	336	289	348	305	247	246	168	821	542	290	122	80	47	6. 7
Mississippi	101	109	111	69	93	65	54	251	160	103	35	31	49	5. 6
Missouri	244	235	210	179	168	164	127	586	395	207	103	71	64	5. 8
Montana	46	35	40	39	34	32	20	78	48	29	14	7	2	5. 9
Nebraska	45	55	47	33	32	35	29	121	80	44	25	24	45	6. 1
New Hampshire	31	24	21	20	15	22	16	67	32	28	7	6	2	6. 7
North Dakota	8	17	13	5	5	10	6	37	26	13	4	3	-----	6. 5
Ohio	464	431	427	401	348	296	251	1, 040	720	374	172	93	121	6. 0
Oregon	116	106	117	82	93	70	66	278	140	80	27	23	56	5. 2
South Dakota	24	20	9	11	12	15	8	54	32	14	5	1	-----	5. 3
Tennessee	141	129	120	104	117	88	71	305	199	110	52	33	150	5. 4
Vermont	15	18	17	21	13	16	10	47	25	19	12	10	1	9. 6
Virginia	-----	-----	-----	7 723	-----	-----	-----	446	291	146	67	34	3	7. 7
Wyoming <sup>5</sup>	22	23	22	16	17	15	14	58	35	18	7	4	4	5. 0

<sup>1</sup> Excludes data for Virginia; duration of marriage not tabulated by comparable intervals.

<sup>2</sup> Includes 166 cases for which type of decree not stated.

<sup>3</sup> Excludes data for Connecticut, Montana, Vermont, and Virginia. Divorces and annulments not tabulated separately for Connecticut, Montana, and Vermont.

<sup>4</sup> Estimated. Data for fiscal year, July 1, 1951, through June 30, 1952.

<sup>5</sup> Incomplete.

<sup>6</sup> Includes figures for duration of 10 to 14 years.

<sup>7</sup> Includes figures for duration of 15 to 19 years.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; *Vital Statistics—Special Reports*, Vol. 40.



No. 83.—PHYSICIANS, DENTISTS, AND GRADUATE NURSES, AND MEDICAL, DENTAL, AND NURSING SCHOOLS: 1920 TO 1954

[See also *Historical Statistics*, series C 79-84]

ITEM	1920	1930	1940	1945	1949	1950	1951	1952	1953	1954
Physicians, number	144, 977	153, 803	175, 163	(1)	201, 277	204, 359	211, 680	214, 667	218, 522	(1)
Per 100,000 population	136	125	133	(1)	135	135	137	137	137	(1)
Medical schools:										
Number	85	76	77	77	79	79	79	79	79	80
Graduates	3, 047	4, 565	5, 097	5, 136	5, 094	5, 553	6, 135	6, 080	6, 668	6, 861
Dentists, number	56, 152	71, 055	70, 601	(1)	86, 904	89, 441	(1)	91, 638	93, 726	(1)
Per 100,000 population	53	58	54	(1)	58	59	(1)	59	59	(1)
Dental schools:										
Number	46	38	39	39	39	40	40	41	41	(1)
Graduates	906	1, 561	1, 757	3, 212	1, 574	2, 565	2, 830	2, 975	2, 945	(1)
Graduate nurses, number	103, 879	214, 292	284, 159	(1)	<sup>2</sup> 297, 501	374, 584	<sup>3</sup> 331, 879	(1)	(1)	389, 600
Per 100,000 population	98	175	216	(1)	200	249	216	(1)	(1)	244
Nursing schools:										
Number	1, 755	<sup>3</sup> 1, 885	1, 311	1, 295	1, 215	1, 190	1, 170	1, 155	1, 135	(1)
Graduates	14, 980	<sup>3</sup> 23, 810	23, 600	31, 721	21, 379	25, 790	28, 794	28, 782	28, 734	(1)

<sup>1</sup> Data not available.                      <sup>2</sup> Registered nurses.                      <sup>3</sup> For the year 1929.

Source: Department of Health, Education, and Welfare, Public Health Service. (Compiled from various sources.)

No. 84.—GROSS CHARGES, INSURANCE BENEFITS COVERING CHARGES, AND GROSS AND NET COSTS PER FAMILY INCURRED BY FAMILIES FOR PERSONAL HEALTH SERVICES AND GOODS: 1953

[Amounts shown in billions of dollars, except averages. For year ending June 30. Data are based on a national survey conducted by the National Opinion Research Center, University of Chicago. This survey consisted of a sample ("area probability" type) of 2,809 families comprising 8,846 persons]

ITEM	GROSS CHARGES INCURRED		INSURANCE BENEFITS COVERING CHARGES INCURRED		AVERAGE GROSS COSTS PER FAMILY		AVERAGE NET COSTS PER FAMILY <sup>1</sup>	
	Amount	Percent	Amount	Percent charges covered by benefits	Amount	Percent	Amount	Percent
Total	10.2	100	1.5	15	207	100	178	100
Physicians' charges	3.8	37	.5	13	75	36	67	38
Surgery	.8	8	.3	38	(2)	-----	(2)	(2)
Obstetrics	.4	4	.1	25	(2)	-----	(2)	(2)
Other physicians	2.6	25	.1	4	(2)	-----	(2)	(2)
Hospitals	2.0	20	1.0	50	42	20	21	12
Prescriptions and other medicines	1.5	15	(3)	-----	31	15	31	17
Other medical goods and services	1.3	13	(3)	-----	26	13	26	15
Dentists <sup>4</sup>	1.6	16	(3)	-----	33	16	33	18

<sup>1</sup> Represents "out-of-pocket" charges.                      <sup>2</sup> Not available.                      <sup>3</sup> Less than \$50,000,000.

<sup>4</sup> Includes expenditures made directly to dental laboratories for X-rays, denture repair, and manufacture of dentures on basis of impressions taken by dentists.

Source: Health Information Foundation, *National Family Survey of Medical Costs and Voluntary Health Insurance*.

No. 85.—MEDIAN GROSS AND NET CHARGES INCURRED AND PERCENT OF INCOME SPENT BY FAMILIES FOR PERSONAL HEALTH SERVICES AND GOODS: 1953

[For year ending June 30. See headnote, table 84]

ITEM	All families	With insurance	With no insurance
Families in sample	2, 809	1, 780	1, 029
Median gross charges	\$110	\$145	\$63
Median net charges	\$98	\$117	\$63
Percent of families having net charges:			
\$0 to \$94	48	41	60
\$95 and over	51	57	38
Families in sample having annual incomes under \$10,000	2, 634	1, 659	975
Median percent of family income spent on health services	4.1	4.9	2.9

Source: Health Information Foundation, *National Family Survey of Medical Costs and Voluntary Health Insurance*.

## No. 86.—HOSPITALS—TYPE OF CONTROL AND SERVICE: 1909 TO 1953

[Covers hospitals and related institutions registered by the American Medical Association. Registration is a basic recognition extended to hospitals and related institutions in accordance with requirements outlined in *Essentials of a Registered Hospital*, officially adopted by the House of Delegates of the A. M. A. See also *Historical Statistics*, series C 92-117]

YEAR	TOTAL			TYPE OF CONTROL							
				Governmental				Nonprofit		Proprietary	
	Hos- pitals	Beds		Federal		State and local		Hos- pitals	Beds	Hos- pitals	Beds
		Number	Rate <sup>1</sup>	Hos- pitals	Beds	Hos- pitals	Beds				
1909.....	4,359	421,065	4.7	71	8,827	<sup>2</sup> 232	<sup>2</sup> 189,049	<sup>2,3</sup> 4,056	<sup>2,3</sup> 223,189		
1914.....	5,037	532,481	5.4	93	12,602	<sup>2</sup> 294	<sup>2</sup> 232,834	<sup>2,3</sup> 4,650	<sup>2,3</sup> 287,045		
1918.....	5,323	612,251	5.9	110	18,815	<sup>2</sup> 303	<sup>2</sup> 262,254	<sup>2,3</sup> 4,910	<sup>2,3</sup> 331,182		
1920.....	6,152	817,020	7.7								
1925.....	6,896	802,065	6.9	299	57,091	<sup>4</sup> 351	<sup>4</sup> 317,264				
1930.....	6,719	955,869	7.8	288	63,581	1,524	556,145	<sup>3</sup> 4,907	<sup>3</sup> 336,143		
1935.....	6,246	1,075,139	8.4	316	83,353	1,408	658,359	2,640	268,568	1,882	64,859
1938.....	6,166	1,161,380	8.9	330	92,248	1,398	722,888	2,757	289,501	1,681	56,743
1939.....	6,226	1,195,026	9.1	329	96,338	1,411	748,808	2,840	293,505	1,646	56,375
1940.....	6,291	1,226,245	9.3	336	108,928	1,431	764,761	2,901	298,490	1,623	54,066
1941.....	6,358	1,324,381	9.9	428	179,202	1,436	786,309	2,910	305,471	1,584	53,399
1942.....	6,345	1,383,827	10.3	474	220,938	1,450	794,843	2,926	316,291	1,495	51,755
1943.....	6,655	1,649,254	12.3	827	476,673	1,457	799,466	2,956	322,707	1,415	50,408
1944.....	6,611	1,729,945	13.0	798	551,135	1,464	801,143	2,981	328,714	1,368	48,953
1945.....	6,511	1,738,944	13.1	705	546,384	1,478	810,334	2,990	331,286	1,338	50,940
1946.....	6,280	1,468,714	10.5	464	264,486	1,498	818,248	2,992	336,981	1,326	48,999
1947.....	6,276	1,425,222	9.9	401	213,204	1,516	817,001	3,016	344,581	1,343	50,436
1948.....	6,335	1,423,520	9.7	372	185,098	1,528	834,669	3,084	352,972	1,351	50,781
1949.....	6,572	1,439,030	9.7	361	182,254	1,576	842,901	3,157	359,891	1,478	53,984
1950.....	6,430	1,456,912	9.6	355	186,793	1,557	850,248	3,169	368,866	1,349	51,005
1951.....	6,637	1,529,988	10.0	388	216,939	1,644	880,781	3,237	379,956	1,368	52,312
1952.....	6,665	1,541,615	9.9	386	211,510	1,692	888,113	3,282	390,987	1,305	51,005
1953.....	6,840	1,573,014	9.9	392	200,535	1,744	912,469	3,375	407,706	1,329	52,304

YEAR	TYPE OF SERVICE								
	General			Nervous and mental		Tuberculosis		All other	
	Hospitals	Beds		Hospitals	Beds	Hospitals	Beds	Hospitals	Beds
		Number	Rate <sup>1</sup>						
1909.....									
1914.....									
1918.....									
1920.....	4,013	311,159	2.9	521	295,382	52	10,150	1,566	200,329
1925.....	4,041	293,301	2.5	589	341,480	466	49,131	1,800	118,153
1930.....	4,302	371,609	3.0	561	437,919	515	65,940	1,341	80,401
1935.....	4,257	406,174	3.2	592	529,311	496	70,373	901	69,281
1938.....	4,286	425,324	3.3	592	591,822	493	76,022	795	68,212
1939.....	4,356	444,947	3.4	600	606,284	480	75,972	790	67,823
1940.....	4,432	462,360	3.5	602	621,284	479	78,246	778	64,355
1941.....	4,518	533,498	4.0	596	638,144	477	82,365	767	70,374
1942.....	4,557	594,260	4.4	586	646,118	468	82,372	734	61,077
1943.....	4,885	850,576	6.3	575	650,993	455	79,860	740	67,825
1944.....	4,833	925,818	7.0	566	648,745	453	79,848	759	75,534
1945.....	4,744	922,549	7.0	563	657,393	449	78,774	755	80,228
1946.....	4,523	641,331	4.6	575	674,930	450	83,187	732	69,266
1947.....	4,539	592,453	4.1	585	680,913	441	81,328	711	70,528
1948.....	4,589	576,459	3.9	586	691,499	438	81,993	722	73,569
1949.....	4,761	574,683	3.9	606	705,423	444	83,470	761	75,454
1950.....	4,713	587,917	3.9	579	711,921	431	85,746	707	71,328
1951.....	4,890	640,207	4.2	596	728,187	430	88,379	721	73,215
1952.....	4,924	640,923	4.1	585	732,929	428	89,571	728	78,192
1953.....	5,087	653,752	4.1	593	749,393	420	88,406	740	81,463

<sup>1</sup> Beds per 1,000 population (excluding Armed Forces overseas). <sup>2</sup> Local hospitals included in "nonprofit."

<sup>3</sup> Includes proprietary hospitals. <sup>4</sup> State hospitals only.

Source: American Medical Association, Council on Medical Education and Hospitals, Chicago, Ill.; annual Report, *Hospital Service in the United States*.



## No. 87.—HOSPITAL FACILITIES, 1930 TO 1953, AND BY STATES, 1953

[See headnote, table 86]

YEAR AND STATE	HOSPITALS		BEDS		BASINETS		PATIENTS ADMITTED		AVERAGE CENSUS <sup>1</sup>	
	Total	Gov- ern- ment	Total	Gov- ern- ment	Total	Gov- ern- ment	Total	Gov- ern- ment	Total	Gov- ern- ment
<b>TOTAL</b>										
1930	6,719	1,812	955,869	619,726	49,584	6,303	-----	-----	763,382	550,737
1935	6,246	1,724	1,075,139	741,712	53,310	8,417	7,717,154	2,293,052	875,510	674,921
1940	6,291	1,767	1,226,245	873,689	61,939	10,559	10,087,548	2,869,004	1,026,171	784,672
1945	6,511	2,183	1,738,944	1,356,718	83,131	16,586	16,257,402	6,399,113	1,405,247	1,114,414
1950	6,430	1,912	1,456,912	1,037,041	89,200	16,613	17,023,513	4,317,370	1,242,777	931,461
1952	6,665	2,078	1,541,615	1,099,623	93,747	19,607	18,914,847	4,970,721	1,309,377	984,062
1953	6,840	2,136	1,573,014	1,113,004	96,308	20,813	19,869,061	5,177,579	1,332,551	995,866
<b>1953</b>										
Alabama	118	39	21,196	15,810	1,467	493	324,201	131,862	17,761	14,074
Arizona	66	30	7,285	4,833	640	235	121,467	42,473	5,602	3,964
Arkansas	81	28	14,513	11,168	945	300	187,648	68,478	12,140	10,154
California	406	119	113,958	88,258	5,616	1,536	1,454,637	514,385	99,768	80,337
Colorado	102	27	18,947	12,553	1,166	296	238,775	61,001	15,652	10,989
Connecticut	72	21	24,115	15,118	1,325	19	285,763	17,531	20,936	14,043
Delaware	16	6	4,646	3,308	238	7	43,178	3,309	3,874	2,959
Dist. of Col.	30	11	15,916	12,565	869	236	173,495	57,286	14,892	12,398
Florida	146	54	24,634	18,217	1,930	804	385,538	178,431	18,656	14,594
Georgia	140	60	27,242	22,186	1,721	923	380,736	194,974	22,608	19,245
Idaho	52	21	4,650	3,064	553	175	82,084	23,514	3,479	2,531
Illinois	354	83	105,961	73,199	5,479	689	1,179,466	213,096	90,144	65,500
Indiana	141	72	32,634	24,146	2,324	799	465,816	147,852	28,052	21,662
Iowa	129	38	23,101	14,696	1,718	283	326,461	63,732	18,953	13,147
Kansas	142	52	18,960	12,752	1,574	421	275,357	79,951	15,072	10,779
Kentucky	121	35	23,540	16,760	1,525	331	337,424	89,543	19,705	14,918
Louisiana	125	26	23,749	17,569	1,521	446	403,190	147,352	18,902	14,872
Maine	52	11	8,872	6,045	588	39	94,612	7,264	7,582	5,665
Maryland	82	29	29,674	21,867	1,315	419	299,536	109,321	24,455	18,627
Massachusetts	220	73	69,213	52,220	3,475	691	639,578	156,333	57,978	45,419
Michigan	258	94	66,614	48,019	3,957	812	880,751	230,897	58,427	43,921
Minnesota	210	79	35,343	24,374	2,437	602	479,279	104,672	30,225	21,769
Mississippi	104	45	13,938	10,987	1,102	519	214,170	86,922	10,523	8,517
Missouri	157	44	38,600	25,739	2,454	461	472,676	111,879	32,518	22,798
Montana	61	12	6,080	2,817	687	51	115,606	8,127	4,580	2,528
Nebraska	117	29	13,977	8,891	1,220	165	194,392	39,646	11,445	7,997
Nevada	16	11	1,516	1,226	150	92	28,978	18,443	1,150	976
New Hampshire	41	11	6,512	4,197	489	63	80,480	10,234	5,283	3,809
New Jersey	156	48	53,593	38,318	3,096	537	545,060	92,545	44,552	33,329
New Mexico	50	27	5,364	3,871	514	234	90,332	42,144	4,087	3,149
New York	512	151	222,772	165,367	8,823	1,217	1,964,620	496,100	200,046	156,528
North Carolina	188	63	32,397	22,058	2,722	740	520,277	149,602	24,715	17,747
North Dakota	53	9	7,007	4,124	614	27	104,125	5,325	5,532	3,724
Ohio	254	85	73,836	50,818	4,631	792	1,019,581	194,096	64,252	45,640
Oklahoma	124	48	19,497	14,965	1,364	475	248,592	83,075	15,615	12,588
Oregon	80	19	12,398	7,262	1,045	134	208,757	28,430	10,099	6,507
Pennsylvania	343	67	110,943	68,461	6,926	336	1,272,502	118,394	95,370	62,664
Rhode Island	23	8	9,934	7,365	520	53	94,042	20,777	8,332	6,515
South Carolina	68	29	15,682	12,656	1,099	537	246,893	121,791	13,037	10,951
South Dakota	68	20	7,311	4,507	677	88	104,215	15,142	5,951	4,072
Tennessee	148	45	25,487	18,233	1,686	537	385,988	132,827	21,936	16,715
Texas	554	143	58,503	38,531	5,397	1,531	1,097,091	334,740	46,436	33,893
Utah	36	15	5,302	3,486	599	119	87,854	16,988	3,983	2,758
Vermont	28	6	4,223	1,942	330	-----	55,383	3,433	3,869	2,055
Virginia	121	35	33,046	25,367	2,004	577	432,842	143,545	28,067	22,481
Washington	138	47	26,287	18,456	1,852	326	381,379	91,490	21,000	15,692
West Virginia	85	22	13,767	7,815	1,033	149	270,319	40,738	11,409	6,604
Wisconsin	216	74	36,172	23,361	2,557	330	516,338	90,080	31,003	21,442
Wyoming	36	15	4,107	3,457	334	167	57,577	37,809	2,898	2,620

<sup>1</sup> Average number of patients receiving hospital treatment each day.Source: American Medical Association, Council on Medical Education and Hospitals, Chicago, Ill.; annual report, *Hospital Service in the United States*.



**No. 88.—PATIENTS IN PROLONGED-CARE HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS UNDER PUBLIC AND PRIVATE CONTROL: 1931 TO 1952**

[Coverage of hospitals and institutions varies from year to year. In general no adjustments are made for these variations. For details, see source]

YEAR	PATIENTS IN HOSPITALS FOR MENTAL DISEASE AT END OF YEAR					MENTAL DEFECTIVES AND EPILEPTICS IN INSTITUTIONS AT END OF YEAR			
	Total		Public hospitals			Total		Public insti- tutions <sup>3</sup>	Private insti- tutions
	Number of patients	Rate <sup>1</sup>	State	Other <sup>2</sup>	Private hospitals	Number of patients	Rate <sup>1</sup>		
1931-----	352,279	284.0	305,315	38,783	8,181	77,587	62.5	77,587	( <sup>4</sup> )
1935-----	416,926	327.6	353,305	52,979	10,642	97,439	76.6	93,150	4,289
1940-----	473,058	358.6	404,293	58,087	10,678	104,784	79.4	101,164	3,620
1941-----	490,506	372.7	417,315	62,255	10,936	105,625	80.3	101,543	4,082
1942-----	497,938	380.3	432,550	53,604	11,784	114,864	87.7	109,442	5,422
1943-----	500,564	392.6	430,958	57,250	12,356	113,037	88.7	107,028	6,009
1944-----	506,346	399.6	434,209	59,882	12,255	118,534	93.5	112,375	6,159
1945-----	518,018	406.1	438,864	66,054	13,100	119,232	93.5	113,376	5,856
1946-----	529,247	382.4	445,561	71,385	12,301	119,456	86.3	113,475	5,981
1947-----	540,987	379.5	452,464	76,148	12,375	125,123	87.8	118,703	6,420
1948-----	554,454	381.9	469,500	71,859	13,095	127,797	88.0	121,426	6,371
1949-----	564,160	382.3	478,003	72,239	13,918	132,861	90.0	125,849	7,012
1950-----	577,246	384.3	489,930	73,240	14,076	135,082	89.9	128,145	6,937
1951-----	584,455	386.8	497,013	73,149	14,293	136,991	90.7	129,763	7,228
1952-----	595,519	388.4	507,765	74,408	13,346	128,431	83.8	121,550	6,881

<sup>1</sup> Per 100,000 estimated population as of July 1, 1931 to 1940; per 100,000 estimated civilian population as of July 1, 1941 to 1952.

<sup>2</sup> Includes Veterans' Administration and county and, through 1950, city hospitals.

<sup>3</sup> Includes city institutions up to 1948 when last city institution was transferred to State auspices.

<sup>4</sup> Not available.

**No. 89.—MOVEMENT OF PATIENT POPULATION IN PROLONGED-CARE HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS: 1950 TO 1952**

MOVEMENT OF POPULATION	HOSPITALS FOR MENTAL DISEASE				INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS			
	1950	1951 <sup>1</sup>	1952		1950	1951	1952	
			Total	State			Total	Public
<b>Patients on books at beginning of year-----</b>	656,061	671,236	681,606	585,553	149,038	152,035	142,714	135,920
In hospitals and institutions-----	566,510	577,054	584,073	497,436	131,040	134,558	125,814	119,034
In family care-----	3,565	5,326	5,073	5,073	1,071	2,760	1,233	1,233
In other extramural care-----	85,986	88,856	92,460	83,044	16,927	14,717	15,667	15,653
<b>Admissions during year-----</b>	263,337	266,421	278,778	161,662	15,213	15,680	14,037	12,746
First admissions-----	151,074	149,337	154,127	110,316	12,326	12,138	11,672	10,467
Readmissions-----	57,630	60,882	67,883	42,163	1,396	1,213	1,016	964
Transfers from other hospitals for mental disease or institutions for mental defectives and epileptics-----	11,027	12,662	11,796	9,183	1,491	2,329	1,349	1,315
<b>Separations during year-----</b>	247,930	254,616	265,392	149,197	11,970	12,741	11,385	10,195
Discharges-----	187,522	192,041	201,927	96,684	7,328	7,100	6,841	6,011
Transfers to other hospitals for mental disease or institutions for mental defectives and epileptics-----	13,056	14,184	13,393	9,572	1,681	2,762	1,797	1,593
Deaths in hospitals or institutions-----	46,127	46,920	48,788	41,831	2,873	2,761	2,638	2,489
Deaths in extramural care-----	1,225	1,471	1,284	1,110	88	118	109	102
<b>Patients on books at end of year-----</b>	671,468	683,454	694,992	598,018	152,281	154,974	145,366	138,471
In hospitals and institutions-----	577,246	584,455	595,519	507,765	135,082	136,991	128,431	121,550
In family care-----	4,910	6,209	4,991	4,975	1,254	1,720	1,362	1,362
In other extramural care-----	89,312	92,790	94,482	85,278	15,945	16,263	15,573	15,559

<sup>1</sup> Information on admissions and separations from Iowa county hospitals not available in 1951, causing difference of 2,226 patients at end of year and 1,813 patients at beginning of year 1951.

<sup>2</sup> Includes 43,606 admissions to Veterans' Administration hospitals not classified by type of admission for 1950; 43,540 for 1951; and 44,972 for 1952.

Source of tables 88 and 89: Department of Health, Education, and Welfare, Public Health Service; annual report, *Patients in Mental Institutions*.

**No. 90.—PATIENTS IN PROLONGED-CARE HOSPITALS FOR MENTAL DISEASE AND IN INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS, BY STATES: 1952**

STATE	PATIENTS IN HOSPITALS FOR MENTAL DISEASE <sup>1</sup>				MENTAL DEFECTIVES AND EPILEPTICS IN INSTI- TUTIONS					
	Resi- dent patients at end of year	First admissions during year			Resi- dent patients at end of year	First admissions during year				
		All hos- pitals	Public hos- pitals			All institutions			Public insti- tutions	
			Num- ber	Rate <sup>2</sup>		Total <sup>3</sup>	Defec- tives	Epilep- tics	Num- ber	Rate <sup>2</sup>
United States.....	544, 298	154, 127	113, 995	74. 3	128, 431	11, 672	10, 281	1, 204	10, 467	6. 8
Alabama.....	6, 878	1, 346	1, 346	44. 1	1, 233	119	110	9	119	3. 9
Arizona.....	1, 596	697	697	82. 0						
Arkansas.....	4, 685	1, 494	1, 494	81. 9						
California.....	36, 733	18, 055	11, 559	104. 2	7, 380	782	732	11	605	5. 5
Colorado.....	5, 546	2, 010	445	32. 1	941	36	35	1	36	2. 6
Connecticut.....	9, 249	3, 242	2, 097	99. 9	2, 902	183	168	13	130	6. 2
Delaware.....	1, 381	403	403	117. 8						
District of Columbia.....	7, 039	1, 084	1, 084	137. 4	697	67	67		67	8. 5
Florida.....	7, 269	2, 800	1, 167	38. 7	582	37	24	12	37	1. 2
Georgia.....	10, 732	2, 732	2, 134	62. 3						
Idaho.....	1, 202	545	545	93. 3	763	68	62	1	68	11. 6
Illinois.....	37, 841	10, 508	8, 624	96. 8	471	61	56	3		
Indiana.....	10, 166	2, 912	2, 050	49. 8	4, 540	551	498	53	551	13. 4
Iowa.....	8, 401	2, 945	1, 671	64. 1	3, 447	360	292	51	349	13. 4
Kansas.....	4, 841	693	631	32. 6	2, 017	107	72	35	107	5. 5
Kentucky.....	7, 417	3, 095	1, 414	49. 3	886	52	52		34	1. 2
Louisiana.....	7, 574	2, 235	1, 496	55. 2	1, 032	129	109	20	125	4. 6
Maine.....	2, 866	543	543	61. 5	1, 366	116	116		116	13. 1
Maryland.....	9, 292	2, 733	1, 627	66. 6	1, 739	217	195	22	200	8. 2
Massachusetts.....	24, 201	6, 647	5, 204	110. 8	8, 110	631	510	120	529	11. 3
Michigan.....	21, 426	6, 129	3, 563	53. 4	8, 347	592	468	124	592	8. 9
Minnesota.....	11, 322	3, 488	3, 155	104. 8	4, 475	532	468	64	511	17. 0
Mississippi.....	5, 187	2, 523	2, 400	112. 4	814	246	246		246	11. 5
Missouri.....	12, 747	2, 963	1, 638	41. 6	2, 658	182	141	41	156	4. 0
Montana.....	1, 858	542	542	91. 6	548	7	7		7	1. 2
Nebraska.....	4, 879	1, 011	787	58. 6	2, 118	269	214	49	252	18. 8
Nevada.....	391	155	155	87. 1						
New Hampshire.....	2, 650	768	768	145. 5	661	58	58		58	11. 0
New Jersey.....	20, 169	5, 640	5, 046	100. 4	6, 737	514	357	115	429	8. 5
New Mexico.....	1, 154	654	296	41. 6	119	7	7		7	1. 0
New York.....	90, 829	17, 913	14, 895	99. 1	22, 849	1, 959	1, 808	123	1, 823	12. 1
North Carolina.....	9, 735	3, 597	2, 605	63. 8	1, 266	304	304		304	7. 4
North Dakota.....	2, 097	383	383	63. 6	1, 173	66	49	16	66	11. 0
Ohio.....	26, 222	7, 189	5, 060	61. 3	7, 059	675	675		675	8. 2
Oklahoma.....	8, 043	2, 305	1, 530	69. 9	1, 788	128	69	59	128	5. 9
Oregon.....	4, 570	1, 959	1, 766	110. 5	1, 322	107	107		107	6. 7
Pennsylvania.....	38, 702	7, 566	5, 774	54. 9	10, 466	880	730	127	590	5. 6
Rhode Island.....	3, 531	1, 038	929	118. 8	839	47	47		46	5. 9
South Carolina.....	5, 612	2, 312	1, 483	69. 9	1, 339	107	87	6	107	5. 0
South Dakota.....	1, 748	438	438	67. 4	771	27	22	5	27	4. 2
Tennessee.....	7, 782	2, 718	1, 599	49. 4	899	64	64		64	2. 0
Texas.....	16, 846	3, 941	3, 501	44. 0	3, 599	217	169	48	217	2. 7
Utah.....	1, 311	320	320	43. 7	618	73	73		73	10. 0
Vermont.....	1, 951	575	325	88. 1	473	42	42		42	11. 4
Virginia.....	10, 497	3, 188	1, 969	59. 6	2, 431	342	297	45	309	9. 3
Washington.....	7, 302	2, 292	1, 796	75. 3	2, 643	167	161	6	167	7. 0
West Virginia.....	5, 245	1, 508	1, 486	75. 5	160	19	19		19	1. 0
Wisconsin.....	14, 948	4, 132	3, 394	97. 2	3, 694	486	462	19	333	9. 5
Wyoming.....	635	161	161	54. 8	459	39	32	6	39	13. 3

<sup>1</sup> Excludes patients in Veterans' Administration hospitals.

<sup>2</sup> Rate per 100,000 estimated civilian population, as of July 1, 1952.

<sup>3</sup> Includes 187 persons neither mentally defective nor epileptic.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Patients in Mental Institutions*.



# **No. 91.—FIRST ADMISSIONS TO PUBLIC PROLONGED-CARE HOSPITALS FOR MENTAL DISEASE, BY MENTAL DISORDER AND SEX: 1951 AND 1952**

[Excludes first admissions to Veterans' Administration hospitals since data classified by type of admission are not available. Based on reports from hospitals reporting first admissions of patients by diagnosis and sex]

DIAGNOSIS	NUMBER				PERCENT DISTRIBUTION				Admitted to State hospitals, 1952
	1951	1952			1951	1952			
		Total	Male	Female		Total	Male	Female	
All patients.....	103,410	105,500	57,904	47,596	100.0	100.0	100.0	100.0	101,920
Total with psychoses.....	82,360	81,734	41,462	40,272	79.6	77.5	71.6	84.6	78,585
General paresis.....	2,390	1,942	1,373	569	2.3	1.8	2.4	1.2	1,909
With other forms of syphilis of the central nervous system.....	485	486	312	174	.5	.5	.5	.4	467
With epidemic encephalitis.....	99	119	72	47	.1	.1	.1	.1	114
With other infectious diseases.....	176	243	154	89	.2	.2	.3	.2	239
Alcoholic.....	4,650	4,734	3,859	875	4.5	4.5	6.7	1.8	4,563
Due to drugs and other exogenous poisons.....	416	412	199	213	.4	.4	.3	.4	403
Traumatic.....	457	468	389	79	.4	.4	.7	.2	463
With cerebral arteriosclerosis.....	16,266	15,656	8,859	6,797	15.7	14.8	15.3	14.3	15,147
With other disturbances of circulation.....	635	730	415	315	.6	.7	.7	.7	712
With convulsive disorders.....	1,370	1,442	816	626	1.3	1.4	1.4	1.3	1,402
Senile.....	12,764	13,376	6,184	7,192	12.3	12.7	10.7	15.1	12,241
Involutional psychoses.....	4,736	4,513	1,305	3,208	4.6	4.3	2.2	6.7	4,442
Due to other metabolic, etc., diseases.....	692	622	272	350	.7	.6	.5	.7	596
Due to new growth.....	205	191	115	76	.2	.2	.2	.2	184
With organic changes of the nervous system.....	1,126	1,237	701	536	1.1	1.2	1.2	1.1	1,222
Manic-depressive.....	4,530	4,391	1,678	2,713	4.4	4.2	2.9	5.7	4,176
Dementia praecox (schizophrenia).....	25,086	24,999	11,243	13,756	24.3	23.7	19.4	28.9	24,483
Paranoia and paranoid conditions.....	898	973	556	417	.9	.9	1.0	.9	917
With psychopathic personality.....	734	674	451	223	.7	.6	.8	.5	664
With mental deficiency.....	2,220	2,124	1,166	958	2.1	2.0	2.0	2.0	2,054
Other and undiagnosed psychoses.....	2,425	2,402	1,343	1,059	2.3	2.3	2.3	2.2	2,187
Psychoneuroses.....	4,809	5,012	2,194	2,818	4.7	4.7	3.8	5.9	4,951
Total without psychoses.....	14,491	16,186	12,625	3,561	14.0	15.3	21.8	7.5	15,871
Epilepsy.....	500	452	280	172	.5	.4	.5	.4	442
Mental deficiency.....	1,349	1,315	788	527	1.3	1.2	1.4	1.1	1,267
Alcoholism.....	8,010	8,439	7,273	1,166	7.8	8.0	12.5	2.4	8,256
Drug addiction.....	661	850	533	317	.6	.8	.9	.7	826
Personality disorders due to epidemic encephalitis.....	39	46	39	7	.0	.0	.1	.0	46
Psychopathic personality.....	1,672	1,742	1,479	263	1.6	1.7	2.5	.5	1,717
Primary behavior disorders.....	757	938	569	369	.7	.9	1.0	.8	936
Other, unclassified and without psychoses.....	1,503	2,404	1,664	740	1.5	2.3	2.9	1.6	2,381
Mental disorder undiagnosed.....	1,080	1,960	1,243	717	1.0	1.9	2.1	1.5	1,917
No mental disorder found.....	670	608	380	228	.7	.6	.7	.5	596

# **No. 92.—FIRST ADMISSIONS OF PATIENTS WITH PSYCHOSES TO STATE HOSPITALS FOR MENTAL DISEASE, BY SEX AND AGE: 1950 TO 1952**

[Based on reports from hospitals reporting first admissions of patients by diagnosis, sex, and age]

AGE	1950			1951			1952		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Total</b> .....	79,926	41,300	38,626	78,951	40,749	38,202	78,585	39,921	38,664
Under 15 years.....	372	187	185	401	227	174	388	216	172
15 to 19.....	2,815	1,576	1,239	2,605	1,453	1,152	2,458	1,380	1,078
20 to 24.....	5,074	2,860	2,214	4,987	2,743	2,244	4,676	2,522	2,154
25 to 29.....	6,376	3,033	3,343	5,942	2,838	3,104	6,252	2,986	3,266
30 to 34.....	6,046	2,767	3,279	6,543	2,998	3,545	6,474	2,962	3,512
35 to 39.....	7,045	3,327	3,718	6,187	2,916	3,271	6,017	2,809	3,208
40 to 44.....	6,045	3,059	2,986	6,057	3,013	3,044	6,007	2,882	3,125
45 to 49.....	6,098	3,173	2,925	5,331	2,712	2,619	5,096	2,512	2,584
50 to 54.....	5,191	2,609	2,582	5,345	2,729	2,616	5,317	2,677	2,640
55 to 59.....	5,123	2,746	2,377	4,726	2,451	2,275	4,690	2,477	2,213
60 to 64.....	5,129	2,871	2,258	5,302	2,977	2,325	5,080	2,868	2,212
65 to 69.....	5,800	3,275	2,525	5,613	3,192	2,421	5,515	3,062	2,453
70 to 74.....	7,299	3,796	3,503	7,518	4,095	3,423	7,314	3,919	3,395
75 to 79.....	5,244	2,906	2,338	5,404	2,870	2,534	5,455	2,872	2,583
80 to 84.....	3,521	1,754	1,767	4,021	2,060	1,961	4,403	2,133	2,270
85 and over.....	2,197	1,050	1,147	2,540	1,199	1,341	2,830	1,288	1,542
Age unknown.....	551	311	240	429	276	153	613	356	257

Source of tables 91 and 92: Department of Health, Education, and Welfare, Public Health Service; annual report, *Patients in Mental Institutions*.



**No. 93.—PERSONNEL AND EXPENDITURES FOR MAINTENANCE IN STATE HOSPITALS FOR PSYCHIATRIC PATIENTS AND IN PUBLIC INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS: 1940 TO 1952**

ITEM	1940	1945	1950	1951	1952
<b>STATE HOSPITALS FOR PROLONGED CARE OF PSYCHIATRIC PATIENTS</b>					
Total personnel, full-time.....	70,195	63,303	105,817	110,773	114,426
Average daily resident patient population <sup>1</sup> .....	399,554	430,760	479,709	494,960	492,588
Ratios of patients to personnel:					
Total employed.....	5.7	6.8	4.5	4.5	4.3
Physicians <sup>2</sup> .....	274.8	384.3	259.9	249.6	244.9
Graduate nurses.....	94.0	166.8	104.9	108.8	104.7
Other nurses and attendants.....	10.3	13.0	8.2	8.1	7.8
Social workers.....	1,144.9	1,050.6	631.2	548.7	519.1
Maintenance expenditures, total <sup>3</sup> .....\$1,000.....	119,778	165,743	371,399	408,543	460,092
Per capita <sup>4</sup> .....dollars.....	300.63	385.90	772.67	828.24	932.50
<b>PUBLIC INSTITUTIONS FOR MENTAL DEFECTIVES AND EPILEPTICS</b>					
Total personnel, full-time.....	15,744	15,926	25,744	26,902	29,237
Average daily resident patient population <sup>1</sup> .....	96,975	111,268	125,704	127,315	131,199
Ratios of patients to personnel:					
Total employed.....	6.2	7.0	4.9	4.7	4.5
Physicians <sup>2</sup> .....	518.6	732.0	519.4	495.4	438.8
Graduate nurses.....	219.4	390.4	210.9	209.1	185.0
Other nurses and attendants.....	11.7	14.1	9.1	8.8	8.2
Teachers.....	140.5	187.6	166.5	176.6	148.4
Maintenance expenditures, total <sup>3</sup> .....\$1,000.....	27,961	42,727	91,822	102,702	119,020
Per capita <sup>4</sup> .....dollars.....	291.13	386.11	745.60	807.11	920.13

<sup>1</sup> Average daily resident patient population of hospitals or institutions reporting personnel data only.

<sup>2</sup> Excludes superintendents, assistant superintendents, and medical internes.

<sup>3</sup> Includes salaries and wages, purchased provisions, fuel, light, water, etc.

<sup>4</sup> Total maintenance expenditures divided by average daily resident patient population of hospitals or institutions reporting expenditures only.

Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Patients in Mental Institutions*.

**No. 94.—REPORTABLE DISEASES—NUMBER OF CASES REPORTED: 1945 TO 1953**

[For qualifications of data, see headnote, table 95. For rates for selected diseases, see *Historical Statistics*, series C 85-91]

DISEASE	1945	1947	1948	1949	1950	1951	1952	1953
Amebiasis.....	3,412	3,365	4,871	5,543	4,568	3,550	4,280	4,444
Brucellosis (undulant fever).....	5,049	6,321	4,991	4,235	3,510	3,139	2,537	2,032
Diphtheria.....	18,675	12,262	9,493	7,969	5,796	3,983	2,960	2,355
Dysentery, bacillary (shigellosis).....	34,943	17,048	23,753	29,080	23,367	32,215	23,197	16,533
Encephalitis, acute infectious.....	785	785	730	903	1,135	1,123	1,912	1,935
Hepatitis, infectious.....		1,092	709	2,027	2,820	7,349	17,428	33,700
Malaria.....	62,763	15,116	9,606	4,151	2,184	5,600	7,023	1,310
Measles.....	146,013	222,375	615,104	625,281	319,124	530,118	683,077	449,146
Meningococcal infections.....	8,208	3,420	3,376	3,519	3,788	4,164	4,884	5,077
Poliomyelitis, acute.....	13,624	10,827	27,726	42,033	33,300	28,386	57,879	35,592
Psittacosis and ornithosis.....	27	27	32	35	26	25	135	169
Rocky Mountain spotted fever.....	472	596	547	570	464	347	327	313
Salmonellosis (paratyphoid fever).....	649	951	882	1,243	1,233	1,773	2,596	3,946
Scarlet fever and streptococcal sore throat.....	185,570	93,595	91,295	87,220	64,494	84,151	113,677	132,935
Smallpox.....	346	176	57	49	39	11	21	4
Tuberculosis, all forms.....	114,931	134,946	137,006	134,865	121,742	118,491	109,837	106,925
Tularemia.....	900	1,401	1,086	1,179	927	702	668	601
Typhoid fever.....	4,211	3,075	2,840	2,795	2,484	2,128	2,341	2,252
Typhus fever, endemic (murine).....	5,193	2,050	1,171	985	685	378	205	221
Veneral diseases: <sup>1</sup>								
Gonococcal infection.....	313,363	380,666	345,501	317,950	286,746	254,057	253,839	246,311
Syphilis and its sequelae.....	351,767	355,592	314,313	256,463	217,558	174,924	169,198	150,026
Whooping cough (pertussis).....	133,792	150,517	74,715	69,479	120,718	68,687	45,030	37,129

<sup>1</sup> For 1945-51, figures (civilian cases only) from Division of Venereal Diseases, Public Health Service.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; *Morbidity and Mortality Annual Supplement*, Vol. 2, No. 53.

## No. 95.—REPORTABLE DISEASES—NUMBER OF CASES REPORTED, BY MONTH: 1953

[Figures on number of reported cases of communicable diseases in this and following table should be interpreted with caution. Reporting of most of these diseases is known to be seriously incomplete, with degree of completeness varying from State to State. However, these figures have proved valuable to health authorities by indicating significant changes in disease incidence. They should not be interpreted as measures of total amount of illness caused by the diseases concerned.]

DISEASE	Total <sup>1</sup>	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Amebiasis.....	4,444	216	277	335	375	404	328	989	350	288	308	265	309
Brucellosis (undulant fever).....	2,032	97	113	130	143	155	165	197	200	160	170	115	165
Diphtheria.....	2,335	232	190	169	161	157	128	117	166	185	374	240	236
Dysentery, bacillary (shigellosis).....	16,533	872	603	796	1,300	2,112	1,492	1,653	1,733	1,854	1,797	1,205	1,206
Enteropathitis, acute infectious.....	1,935	100	112	166	146	174	191	193	218	219	168	119	129
Hepatitis, infectious.....	33,700	3,066	2,438	2,458	3,404	3,480	2,580	2,471	2,161	2,486	2,708	2,461	3,925
Malaria.....	1,310	33	15	19	36	50	127	122	146	104	65	50	29
Measles.....	449,146	27,566	35,435	62,831	98,553	104,425	57,894	20,907	5,937	3,191	5,468	8,834	17,838
Meningococcal infections.....	5,077	640	615	584	526	541	353	254	227	267	331	305	332
Polioomyelitis, acute.....	36,592	735	375	287	374	712	1,725	5,576	9,168	8,481	4,568	2,148	1,405
Psittacosis and ornithosis.....	169	6	3	7	17	37	21	30	6	12	11	7	12
Rocky Mountain spotted fever.....	313	1	1	4	11	50	73	88	40	23	11	6	6
Salmonellosis (paratyphoid fever).....	3,946	202	215	211	287	357	358	417	340	303	439	370	410
Scarlet fever and streptococcal sore throat.....	132,935	18,638	16,832	17,815	16,457	15,337	8,845	4,638	4,330	4,079	6,488	8,259	11,212
Smallpox.....	4	1	1	1	1	1	1	1	1	1	1	1	1
Tuberculosis, all forms.....	106,925	68	34	36	47	45	51	52	60	42	43	36	86
Tularemia.....	601	98	76	94	122	191	247	298	311	239	210	144	172
Typhoid fever.....	2,252	17	9	13	14	19	27	41	28	19	17	7	10
Typhus fever, endemic (murine).....	221	17	9	13	14	19	27	41	28	19	17	7	10
Veneral diseases: <sup>2</sup>													
Gonococcal infection.....	246,311			54,272			56,380			64,638			55,333
Syphilis and its sequelae.....	150,026			36,110			38,147			35,853			33,948
Whooping cough (pertussis).....	37,129	3,030	2,236	2,539	2,613	3,191	3,110	3,379	3,350	3,641	3,191	3,148	3,648

<sup>1</sup> Figures for cases not tabulated by month included in "Total" but not distributed.

<sup>2</sup> Reports received by quarters.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; *Morbidity and Mortality Annual Supplement*, Vol. 2, No. 53.

# No. 96.—NUTRITION—APPARENT CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES: 1935 TO 1954

[In pounds. Data on calendar year basis except as follows: Dried fruit, pack year; fresh citrus fruits and rice, crop year beginning previous year; peanuts, crop year beginning September of year indicated. See also *Historical Statistics*, series C 128-155]

COMMODITY	1935-39, average	1947-49, average	1949	1950	1951	1952	1953	1954 <sup>1</sup>
Meats (carcass weight), total	125.3	146.4	142.6	142.4	135.8	144.0	153.6	156
Beef	54.8	64.6	63.0	62.5	55.2	61.2	76.6	79
Veal	8.1	9.6	8.8	7.9	6.6	7.1	9.5	10.2
Lamb and mutton	6.7	4.8	4.0	3.9	3.4	4.1	4.6	4.6
Pork (excluding lard)	55.7	67.4	66.8	68.1	70.6	71.6	62.9	62
Fish (edible weight), total	10.9	10.3	10.5	11.2	10.9	11.0	10.8	10.9
Fresh and frozen	5.3	5.9	5.8	6.3	6.3	6.3	5.9	(2)
Canned <sup>3</sup>	4.8	3.8	4.1	4.3	4.0	4.1	4.3	(2)
Cured	.8	.6	.6	.6	.6	.6	.6	(2)
Poultry products:								
Eggs (number)	296	380	378	383	396	405	400	412
Chicken (eviscerated weight)	13.2	18.5	19.4	20.3	22.2	23.1	23.1	23.6
Turkey (eviscerated weight)	2.1	3.2	3.2	4.0	4.3	4.5	4.4	4.5
Dairy products:								
Total milk fat solids	31.2	29.2	28.7	29.0	28.0	27.3	26.9	27.3
Total nonfat milk solids	39.6	46.6	46.1	46.5	46.7	47.6	46.9	46.9
Cheese	5.5	6.9	7.2	7.6	7.1	7.5	7.4	7.6
Condensed and evaporated milk	16.5	19.8	19.5	19.8	18.0	17.4	17.2	16.5
Fluid milk and cream	330	359	352	349	352	352	350	352
Ice cream (product weight)	9.8	18.5	17.4	17.0	17.1	17.6	17.7	17.1
Fats and oils, total, fat content	44.8	41.8	42.0	45.2	41.6	43.6	44.0	44.2
Butter, farm and factory (actual weight)	16.8	10.5	10.4	10.6	9.5	8.6	8.6	9.0
Lard	10.9	12.2	11.7	12.4	12.1	11.7	11.2	10.4
Margarine (actual weight)	2.8	5.5	5.7	6.0	6.5	7.8	7.9	8.0
Shortening	11.6	9.5	9.6	10.9	8.9	10.0	10.1	10.9
Other edible fats and oils	6.4	7.2	7.8	8.5	7.6	8.6	9.4	9.2
Fruits:								
Fresh, total	137.1	130.3	121.9	106.4	114.4	110.5	107.0	104.5
Citrus	48.5	53.9	47.0	40.5	44.4	43.6	42.7	40.4
Apples (commercial)	30.2	25.2	24.7	22.9	25.4	21.1	20.1	20.4
Other (excluding melons)	58.4	51.2	50.2	43.0	44.6	45.8	44.2	43.7
Processed:								
Canned fruit	14.8	18.1	18.6	20.9	18.6	20.6	20.8	20.2
Canned juices (excl. frozen)	3.8	16.0	15.2	13.6	14.4	13.7	13.8	14.7
Frozen (incl. juices)	.8	3.2	3.5	4.2	4.7	6.5	7.0	7.6
Dried	5.7	4.2	4.6	4.3	4.3	4.2	4.0	4.2
Vegetables:								
Fresh (total commercial) <sup>4</sup>	138.8	149.7	146.3	145.7	143.1	143.5	145.0	146.4
Canned	29.6	38.5	38.2	41.5	41.2	40.9	41.8	41.0
Frozen	5.4	2.9	3.0	3.3	4.1	5.1	5.3	5.5
Potatoes	128	112	109	101	108	99	103	104
Sweet potatoes	21.3	12.3	11.5	12.3	7.2	7.0	8.2	6.9
Dry edible beans	8.7	6.6	6.8	8.5	7.9	8.0	7.7	7.7
Sugar (refined)	96.7	93.5	94.5	95.0	96.1	96.1	96.8	96.3
Grains:								
Corn products:								
Cornmeal	22.8	13.4	13.0	12.7	12.6	12.3	12.0	12.0
Corn sirup	7.6	9.8	8.5	9.0	8.9	8.6	8.7	8.7
Cornstarch	1.3	1.8	1.7	1.9	1.9	1.8	1.8	1.8
Corn sugar	2.7	4.2	4.1	4.5	4.0	3.9	4.0	3.9
Breakfast cereals	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Hominy	1.4	2.8	2.7	2.7	2.7	2.6	2.6	2.6
Oat food products	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Barley food products <sup>5</sup>	1.4	1.6	1.5	1.4	1.4	1.3	1.3	1.3
Wheat:								
Flour <sup>7</sup>	157	135	134	133	131	130	126	125
Breakfast cereals	3.3	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Rye flour	2.2	1.4	1.4	1.4	1.5	1.5	1.5	1.4
Rice, milled	5.7	4.8	4.9	5.0	5.7	5.2	5.7	5.2
Beverages:								
Coffee <sup>8</sup>	13.9	18.0	18.5	16.0	16.3	16.5	16.7	15.8
Tea	.66	.57	.59	.59	.64	.62	.66	.68
Cocoa beans	4.3	4.0	4.0	4.3	4.0	4.0	4.1	3.8
Peanuts (shelled)	4.3	4.4	4.2	4.4	4.5	4.4	4.5	4.1

<sup>1</sup> Preliminary.

<sup>2</sup> Data not available.

<sup>3</sup> Excludes canned food products containing small quantities of fish such as clam chowder, etc.

<sup>4</sup> Excludes produce from rural and urban home gardens.

<sup>5</sup> Average for 1937-39.

<sup>7</sup> Comprises white, whole wheat, and semolina flour.

<sup>6</sup> In terms of malt equivalent.

<sup>8</sup> Green bean basis.

Source: Department of Agriculture, Agricultural Marketing Service; published quarterly in *National Food Situation*.



# No. 97.—NUTRITION—NUTRIENTS AVAILABLE FOR CIVILIAN CONSUMPTION PER CAPITA PER DAY: 1935 TO 1954

[Computed on basis of estimates of apparent civilian consumption (retail basis) including consumption from rural and urban home gardens. No deductions have been made in nutrient estimates for loss or waste in home or for destruction or loss of nutrients during preparation of food. Deductions have been made for inedible refuse. Data for iron, thiamine, riboflavin, and niacin include amounts of these nutrients added to prepared cereals, bread, and white flour under enrichment program. See also *Historical Statistics*, series C 122-127]

NUTRIENTS	Units	1935-39, average	1947-49, average	1949	1950	1951	1952	1953	1954 (prel.)
Food energy-----	Cal-----	3,270	3,230	3,200	3,250	3,210	3,240	3,210	3,230
Protein-----	Grams-----	90	94	94	95	94	96	95	96
Fat-----	do-----	132	140	139	144	140	145	143	144
Carbohydrate-----	do-----	440	406	401	401	402	398	396	397
Calcium-----	do-----	.93	1.03	1.02	1.03	1.03	1.04	1.00	1.03
Iron-----	Mg-----	14.4	17.0	16.7	16.8	16.6	16.8	17.0	17.0
Vitamin A value-----	I. U-----	8,200	8,300	8,100	8,200	7,700	7,800	7,900	8,000
Thiamine-----	Mg-----	1.45	1.90	1.88	1.90	1.90	1.91	1.85	1.88
Riboflavin-----	do-----	1.88	2.33	2.30	2.30	2.30	2.33	2.34	2.36
Niacin-----	do-----	15.8	19.5	19.3	19.3	19.2	19.6	19.9	20.0
Ascorbic acid-----	do-----	118	121	116	112	114	114	116	116

Source: Department of Agriculture, Agricultural Research Service; published quarterly in *National Food Situation*.

# No. 98.—FEDERAL FOOD PROGRAMS—DIRECT DISTRIBUTION AND INDEMNITY PLAN: 1936 TO 1954

[For years ending June 30. Participation data for peak month]

YEAR	DIRECT DISTRIBUTION						INDEMNITY PLAN <sup>2</sup> (school-lunch program)	
	Institutions and welfare cases			School-lunch programs			Children participating	Cost
	Persons participating	Quantity	Cost <sup>1</sup>	Children participating	Quantity	Cost <sup>1</sup>		
	1,000 pounds	1,000 pounds	\$1,000	1,000 pounds	1,000 pounds	\$1,000	1,000	\$1,000
1936-----	10,431	634,665	31,792	( <sup>3</sup> )	6,174	244	7	1
1940-----	11,910	1,694,890	57,674	2,496	92,904	3,962	4,630	41,613
1945-----	945	105,600	7,043	3,938	94,390	5,796	5,177	51,290
1946-----	828	74,130	1,852	3,688	76,622	5,834	6,016	59,872
1947-----	927	139,750	2,873	4,834	151,350	8,048	6,015	53,975
1948-----	1,179	180,191	13,742	7,209	283,313	32,779	6,960	58,772
1949-----	1,106	173,913	14,002	6,542	286,355	36,025	7,840	64,539
1950-----	1,113	255,112	24,452	10,129	466,718	55,189	8,638	68,275
1951-----	1,041	237,780	25,304	9,901	405,340	49,925	9,321	66,320
1952-----	1,112	40,616	7,326	10,126	196,787	32,173	9,795	67,185
1953-----	1,364	44,113	16,936	9,700	201,142	66,469	10,139	67,266
1954-----	2,343	171,781	60,937	9,362	351,477	109,044		

<sup>1</sup> Represents cost to the Federal Government of the commodity as delivered to the State distributing agency and includes cost of purchase, handling, warehousing, and transportation, but excludes administrative costs.

<sup>2</sup> For 1940, represents School Milk Program, which was merged with indemnity plan in July 1943. See also headnote, table 100.

<sup>3</sup> Not available.

<sup>4</sup> Excludes \$9,697,000 for nonfood expenditures.

# No. 99.—FEDERAL FOOD PROGRAMS—DIRECT DISTRIBUTION, BY FOOD GROUPS: 1954

[For year ending June 30]

COMMODITY	TOTAL		SCHOOL-LUNCH PROGRAMS		INSTITUTIONS AND WELFARE CASES	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	1,000 pounds	\$1,000	1,000 pounds	\$1,000	1,000 pounds	\$1,000
<b>Total-----</b>	523,258	169,981	351,477	109,044	171,781	60,937
Dairy products-----	146,405	73,395	82,761	42,692	63,644	30,703
Canned fruits-----	46,650	5,721	45,400	5,601	1,250	120
Canned vegetables-----	33,410	3,579	33,410	3,579		
Fresh fruits-----	5,809	354	4,185	255	1,624	99
Beef products-----	177,774	69,798	114,737	44,978	63,037	24,820
Fresh vegetables-----	36,577	863	17,730	418	18,847	445
Citrus juice-----	8,941	1,961	8,941	1,961		
Fats and oils-----	29,491	7,448	15,921	4,032	13,570	3,416
Dry beans-----	21,811	2,330	13,903	1,381	7,908	949
Miscellaneous-----	16,390	4,532	14,489	4,147	1,901	335

Source of tables 98 and 99: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

# No. 100.—SCHOOL LUNCH PROGRAM (INDEMNITY PLAN)—SCHOOLS AND CHILDREN PARTICIPATING: 1954

[For year ending June 30. The indemnity plan is a subsidy program to expand markets for agricultural products, maintain outlets for government-owned commodities, and support school-lunch programs. Sponsors of school-lunch programs are reimbursed by the Federal Government for local purchases of food on a basis of quality and quantity of meals served]

STATE OR OTHER AREA	ELEMENTARY AND SECONDARY SCHOOLS			CHILDREN IN ELEMENTARY AND SECONDARY SCHOOLS		
	Total number <sup>1</sup>	Number participating (peak month) <sup>2</sup>	Percent participation	Total enrollment <sup>1</sup>	Number participating (peak month) <sup>2</sup>	Percent participation
<b>Total</b> .....	164,041	56,337	34.3	30,998,048	10,139,221	32.7
<b>Continental U. S.</b> .....	161,497	54,088	33.5	30,372,509	9,812,353	32.3
Alabama.....	3,872	1,404	36.3	698,039	294,637	42.2
Arizona.....	591	273	46.2	182,007	64,796	35.6
Arkansas.....	2,278	947	41.6	423,927	170,096	40.1
California.....	5,004	3,143	62.8	2,017,364	697,450	34.6
Colorado.....	1,693	575	34.0	279,933	68,052	24.3
Connecticut.....	1,109	396	35.7	375,776	72,195	19.2
Delaware.....	240	89	37.1	61,219	13,157	21.5
District of Columbia.....	233	181	77.7	122,335	45,992	37.6
Florida.....	1,873	904	48.3	566,347	234,947	41.5
Georgia.....	3,376	1,409	41.7	764,013	308,992	40.4
Idaho.....	750	402	53.6	133,924	47,367	35.4
Illinois.....	5,400	3,216	59.6	1,560,988	600,598	38.5
Indiana.....	3,359	1,219	36.3	829,588	237,881	28.7
Iowa.....	7,257	992	13.7	554,424	157,484	28.4
Kansas.....	4,307	918	21.3	404,747	96,166	23.8
Kentucky.....	5,301	1,228	23.2	623,059	231,283	37.1
Louisiana.....	2,635	1,624	61.6	609,016	410,159	67.3
Maine.....	1,658	595	35.9	206,824	59,934	29.0
Maryland.....	1,256	690	54.9	460,247	154,747	33.6
Massachusetts.....	2,770	1,953	70.5	851,253	383,407	45.0
Michigan.....	5,153	2,213	42.9	1,341,970	427,617	31.9
Minnesota.....	5,645	1,237	21.9	610,167	211,254	34.6
Mississippi.....	4,318	1,109	25.7	549,437	192,593	35.1
Missouri.....	7,500	2,250	30.0	777,269	233,934	30.1
Montana.....	1,470	265	18.0	121,868	30,049	24.7
Nebraska.....	6,792	430	6.3	265,263	62,173	23.4
Nevada.....	220	68	30.9	38,848	8,186	21.1
New Hampshire.....	683	299	43.8	101,759	27,506	27.0
New Jersey.....	2,303	684	29.7	905,202	112,214	12.4
New Mexico.....	861	279	32.4	178,825	39,079	21.9
New York.....	7,750	3,399	43.9	2,726,181	1,008,269	37.0
North Carolina.....	3,502	1,554	44.4	922,461	446,187	48.4
North Dakota.....	3,277	667	20.4	130,075	41,673	32.0
Ohio.....	4,875	1,816	37.3	1,538,279	373,499	24.3
Oklahoma.....	3,644	1,696	46.5	522,620	154,975	29.7
Oregon.....	1,457	627	43.0	301,950	95,023	31.5
Pennsylvania.....	8,638	1,446	16.7	1,969,226	276,719	14.1
Rhode Island.....	490	112	22.9	141,358	20,213	14.3
South Carolina.....	3,421	1,089	31.8	517,785	225,005	43.5
South Dakota.....	3,775	292	7.7	132,306	25,217	19.1
Tennessee.....	4,446	1,907	42.9	694,942	289,961	41.7
Texas.....	7,957	2,500	31.4	1,553,649	406,008	26.1
Utah.....	519	355	68.4	171,009	63,122	36.9
Vermont.....	938	290	30.9	77,771	23,962	30.8
Virginia.....	3,273	1,287	39.3	661,839	239,341	36.2
Washington.....	1,617	901	55.7	502,635	136,408	27.1
West Virginia.....	4,157	1,424	34.3	450,759	132,600	29.4
Wisconsin.....	7,146	1,615	22.6	677,074	141,456	20.9
Wyoming.....	708	119	16.8	64,952	18,770	28.9
Alaska.....	102	15	14.7	20,801	2,555	12.3
Hawaii.....	205	169	82.4	114,349	74,262	64.9
Puerto Rico.....	2,202	2,030	92.2	482,849	245,750	50.9
Virgin Islands.....	35	35	100.0	7,540	4,301	57.0

<sup>1</sup> Source: Latest data available from the U. S. Office of Education. Enrollment data and number of schools are for 1951-52 except for the following States: Pennsylvania and Texas, 1950-51 for elementary public schools; Rhode Island, Vermont, and Illinois, 1949-50 for elementary public schools; Indiana, Michigan, Missouri, and Wisconsin, estimated for elementary public schools; Alaska, 1949-50 for public schools; Hawaii and Virgin Islands, 1949-50 for private schools.

<sup>2</sup> November 1953. Number of schools and children may have been higher in some States during other months, but November was the peak month in terms of children participating nationally.

Source: Department of Agriculture, Agricultural Marketing Service.



### 3. Immigration, Emigration, and Naturalization

This section presents statistics related to immigration, emigration, naturalization, and alien registration. The principal source of these data is the *Annual Report* of the Immigration and Naturalization Service. Statistics of immigration and emigration are prepared from passenger and crew lists or manifests, and land border station registrations. Statistics for naturalizations are compiled from periodic reports by courts conducting such proceedings, and those for alien registrations are compilations of data from alien address report cards.

Although the reporting of alien arrivals was required in certain of the colonies and original States, the continuous record begins in 1819. Under the Act of March 2, 1819, passenger lists for all vessels arriving from foreign places were to be delivered to the local collector of customs, copies transmitted to the Secretary of State, and the information reported to Congress. Immigration statistics were compiled by the Department of State from 1820 to 1874 and by the Bureau of Statistics of the Treasury Department from 1867 to 1895. Since 1892 there has been a separate office or bureau of immigration, now a part of the Immigration and Naturalization Service. Annual reports were issued by this bureau from 1892 to 1932. From 1933 to 1940, a summary of the work of the Immigration and Naturalization Service was given in the Annual Reports of the Secretary of Labor. For 1941, the *Annual Report of the Attorney General* contained a report on immigration and naturalization. For subsequent fiscal years, Annual Reports of the Immigration and Naturalization Service (submitted by the Commissioner to the Attorney General) were published in mimeographed form.

**Immigration.**—Since 1820 the official immigration statistics (see table 101) have changed considerably in coverage. The early figures were for arrivals at Atlantic and Gulf coast seaports of the United States. Pacific coast arrivals were first reported in 1850. Aliens arriving at Canadian seaports en route to the United States were included after 1893. The reporting of arrivals over the land borders began in 1904 and was gradually extended up to 1908. For reporting purposes, Hawaii in 1901, Puerto Rico in 1902, and Alaska in 1904 were treated as integral parts of the United States. Travel between the Philippine Islands and the United States was not treated as immigration or emigration between July 1, 1898, and May 1, 1934. Prior to 1868 arriving alien passengers were recorded; thereafter aliens coming for temporary stay were omitted. The passage of the Act of 1891 increased the number of excludable classes. The basis of reporting was then changed from arrivals to admissions, omitting aliens not permitted to enter the United States, except for the period 1895 to 1897 when the reporting of arrivals was resumed. Two classes of alien admissions are now reported, immigrant under either quota or nonquota status, and nonimmigrant.

**Immigrant.**—An immigrant is defined as an alien, other than a returning resident, admitted for permanent residence.

**Quota immigrant.**—Quotas limit immigration from countries other than those of the Western Hemisphere. Until 1920 there was only a qualitative limitation on immigration into this country. The 1921 Act placed the first numerical ceiling upon immigration. Each country's quota was to be 3 percent of the number of people born in that country who were residing in the United States as reported by the 1910 Census of Population. In 1924, a new formula was enacted for computing a country's quota, based on 2 percent of the number of people born in that country who were residing in the United States as determined by the 1890 Census of Population. The 1924 Act also provided that beginning July 1, 1929, the quota of any country shall have the same ratio to 150,000 as the number of persons of that national origin living in the United States had to the total population living in the United States, as determined from the 1920 Census of Population. This Act also established minimum quotas

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Note.—This section presents data for the most recent year or period available on February 15, 1955, when the material was organized and sent to the printer.



of 100 for all quota areas and thereby raised the total quota authorized to 153,714. By 1952, this figure had become 154,277 by virtue of minor changes. The most recent step in legislation was in the Immigration and Nationality Act of 1952, which simplified the national origins formula of the 1924 Act by basing the annual quota on a flat one-sixth of 1 percent of the population in the 1920 Census. By Presidential Proclamation No. 2980, which became effective on January 1, 1953, new quotas were established for each quota area, totalling 154,657.

**Nonquota immigrant.**—Nonquota immigrants comprise immigrants born in Canada, Mexico, Cuba, Haiti, the Dominican Republic, the Canal Zone, and countries of Central and South America, and their spouses and children under age 21 if accompanying or following to join such immigrants; spouses and children of citizens of the United States; ministers of religious denominations, their spouses and children, if accompanying or following to join such ministers; and others. Certain temporary admissions such as of persons in possession of border-crossing identification cards are not included in the nonimmigrant totals.

**Nonimmigrant.**—Nonimmigrants are aliens who enter the United States for temporary periods or resident aliens returning from a temporary stay abroad. Included in the nonimmigrant class are foreign government officials, their families, attendants, servants and employees; temporary visitors for business or pleasure; aliens in continuous transit through the United States; returning resident aliens; students; and others.

**Displaced persons and refugees.**—The Displaced Persons Act of 1948, as amended, authorized the entry of certain displaced persons and other refugees without regard to the current availability of quotas, but subject to charges made against future annual quotas. The major provisions of the Displaced Persons Program expired in December 1951, and the program was nearly completed by June 30, 1952.

The Refugee Relief Act of 1953 authorizes the issuance of 214,000 special nonquota visas until the end of 1956 to German, Italian, Greek, Far-Eastern, and other refugees and expellees from the Soviet and other Communist-dominated countries.

**Alien registration.**—The Immigration and Nationality Act provides that each alien required to be registered under the Alien Registration Act of 1940, who is in the United States on January 1, must report to the Attorney General his current address during the month of January. Alien address report cards are distributed through the Post Offices of the United States or the local offices of the Immigration and Naturalization Service.

**Emigration.**—No official record of emigration was kept prior to July 1, 1907. Alien departures are classified as emigrant and nonemigrant (see table 102). For statistical purposes an emigrant is an alien resident of the United States departing with the declared intention of residing permanently in a foreign country. The nonemigrant category includes both alien residents of the United States departing for a temporary sojourn abroad, and aliens leaving the United States after a temporary stay.

**Naturalization.**—Naturalization statistics for the United States began with the fiscal year 1907. Prior to this time each court kept records of naturalizations but no national data were compiled. The Act of June 29, 1906, effective September 27, 1906, provided for periodic returns by all courts conducting naturalization proceedings, and for the filing with a central Federal agency of a duplicate copy of each declaration of intention and petition for naturalization filed, and of each certificate of naturalization issued. Naturalization statistics were originally compiled by the Bureau of Immigration and Naturalization of the Department of Commerce and Labor, now the Immigration and Naturalization Service of the Department of Justice.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series B 304") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

## No. 101.—IMMIGRATION: 1820 TO 1954

[Data are for years ending June 30, except as noted; for periods they are totals, not annual averages. From 1819 to 1867 figures represent alien passengers arriving; for 1868 to 1891 inclusive and 1895 to 1897 inclusive, immigrant arrivals; for 1892 to 1894 and from 1898 to the present time, immigrants admitted. See also *Historical Statistics*, series B 304]

PERIOD	Number	PERIOD OR YEAR	Number	YEAR	Number
1820-1830 <sup>1</sup>	151, 824	1811-1915	4, 459, 831	1951	205, 717
1831-1840 <sup>2</sup>	599, 125	1916-1920	1, 275, 980	1952	265, 520
1841-1850 <sup>3</sup>	1, 713, 251	1921-1925	2, 638, 913	1953	170, 434
1851-1860 <sup>3</sup>	2, 598, 214	1926-1930	1, 468, 296	1954	208, 177
		1931-1935	220, 209	Calendar years:	
1861-1870 <sup>4</sup>	2, 314, 824	1936-1940	308, 222		
1871-1880	2, 812, 191	1941-1945	170, 952		
1881-1890	5, 246, 613	1946-1950	864, 087		
1891-1900	3, 687, 564	1948	170, 570		
1901-1905	3, 833, 076	1949	188, 317	1951	238, 287
1906-1910	4, 962, 310	1950	249, 187	1952	219, 222
				1953	184, 324

<sup>1</sup> Oct. 1, 1819, to Sept. 30, 1830.

<sup>2</sup> Oct. 1, 1830, to Dec. 31, 1840.

<sup>3</sup> Calendar years.

<sup>4</sup> Jan. 1, 1861, to June 30, 1870.

## No. 102.—ALIENS ADMITTED AND DEPARTING: 1911 TO 1954

[See also *Historical Statistics*, series B 304, B 350-352]

PERIOD OR YEAR ENDING—	ADMITTED			DEPARTING			EXCESS OF ADMISSIONS OVER DEPARTURES <sup>1</sup>	
	Total	Immigrant	Nonimmigrant	Total	Emigrant	Nonemigrant	Total	Immigrant over emigrant
June 30:								
1911-1915, total	5, 312, 007	4, 459, 831	852, 176	2, 763, 410	1, 444, 530	1, 318, 880	2, 548, 597	3, 015, 301
1916-1920, total	1, 800, 075	1, 275, 980	524, 095	1, 224, 747	702, 464	522, 283	575, 328	573, 516
1921-1925, total	3, 421, 811	2, 638, 913	782, 898	1, 414, 236	697, 397	716, 839	2, 007, 575	1, 941, 516
1926-1930, total	2, 460, 279	1, 468, 296	991, 983	1, 280, 542	347, 679	932, 863	1, 179, 737	1, 120, 617
1931-1935, total	949, 903	220, 209	729, 694	1, 188, 597	323, 863	864, 734	-238, 694	-103, 654
1936-1940, total	1, 152, 599	308, 222	844, 377	1, 008, 053	135, 875	872, 178	144, 546	172, 347
1941-1945, total	712, 422	170, 952	541, 470	399, 522	42, 696	356, 826	312, 900	128, 256
1946-1950, total	2, 783, 976	864, 087	1, 919, 889	1, 862, 771	113, 703	1, 749, 068	921, 205	750, 384
1948	646, 576	170, 570	476, 006	448, 218	20, 875	427, 343	198, 358	149, 695
1949	635, 589	188, 317	447, 272	430, 089	24, 586	405, 503	205, 500	163, 731
1950	676, 024	249, 187	426, 837	456, 689	27, 598	429, 091	219, 335	221, 589
1951	670, 823	205, 717	465, 106	472, 901	26, 174	446, 727	197, 922	179, 543
1952	781, 602	265, 520	516, 082	509, 497	21, 880	487, 617	272, 105	243, 640
1953	656, 148	170, 434	485, 714	544, 502	24, 256	520, 246	111, 646	146, 178
1954	774, 790	208, 177	566, 613	599, 161	30, 665	568, 496	175, 629	177, 512
Dec. 31:								
1950	655, 614	203, 407	452, 207	475, 646	27, 881	447, 765	179, 968	175, 526
1951	703, 716	238, 287	465, 429	477, 328	23, 422	453, 906	226, 388	214, 865
1952	730, 849	219, 222	511, 627	555, 577	22, 261	533, 316	175, 272	196, 961
1953	728, 300	184, 324	543, 976	560, 664	26, 881	533, 783	167, 636	157, 443

<sup>1</sup> Excess of departures indicated by a minus (—) sign.

## No. 103.—ALIENS EXCLUDED AND DEPORTED: 1901 TO 1954

PERIOD ENDING JUNE 30	Excluded	Deported	YEAR ENDING JUNE 30	Excluded <sup>1</sup>	Deported	Aliens departing voluntarily under proceedings	Indigent aliens returned at their request
1901-1905, total	37, 132	2, 999	1945	2, 341	11, 270	69, 490	12
1906-1910, total	71, 079	8, 569	1946	2, 942	14, 375	101, 945	21
1911-1915, total	115, 496	15, 879	1947	4, 771	18, 663	195, 880	88
1916-1920, total	62, 613	12, 033	1948	4, 905	20, 371	197, 184	55
1921-1925, total	103, 803	28, 427	1949	3, 834	20, 040	276, 297	128
1926-1930, total	85, 504	63, 730	1950	3, 571	6, 628	572, 477	85
1931-1935, total	33, 277	74, 631	1951	3, 784	13, 544	673, 169	101
1936-1940, total	34, 940	42, 455	1952	2, 944	20, 181	703, 778	61
1941-1945, total	10, 240	30, 772	1953	5, 647	19, 845	885, 391	54
1946-1950, total	20, 023	80, 077	1954	3, 313	26, 951	1, 074, 277	36

<sup>1</sup> Beginning 1953, border crossers included.

Source of tables 101-103: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases, and records.



FIG. IX.—IMMIGRANTS ADMITTED: 1940 TO 1954

[See table 110]

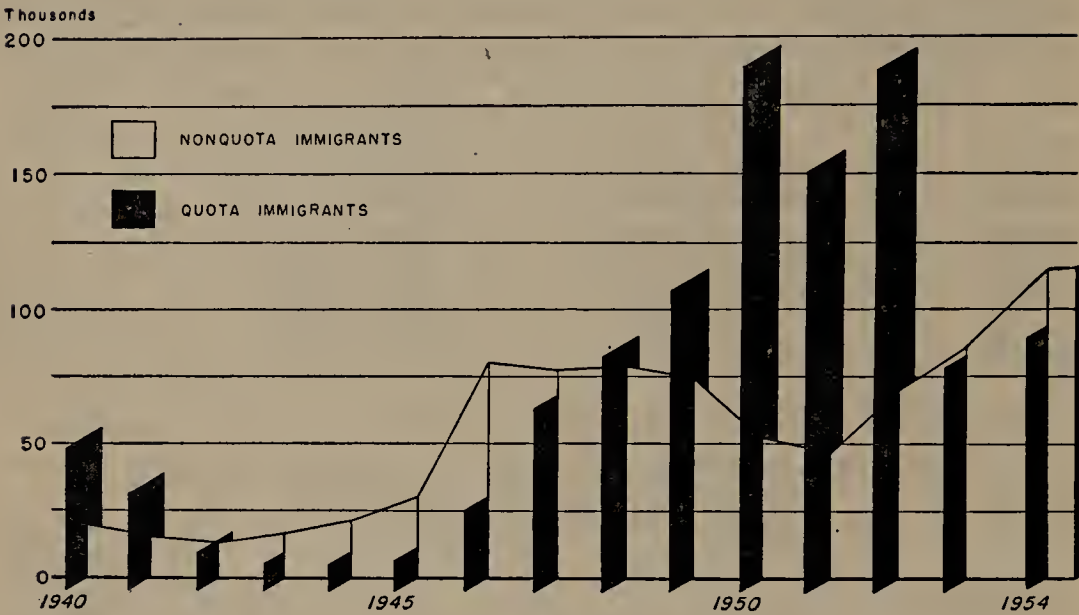
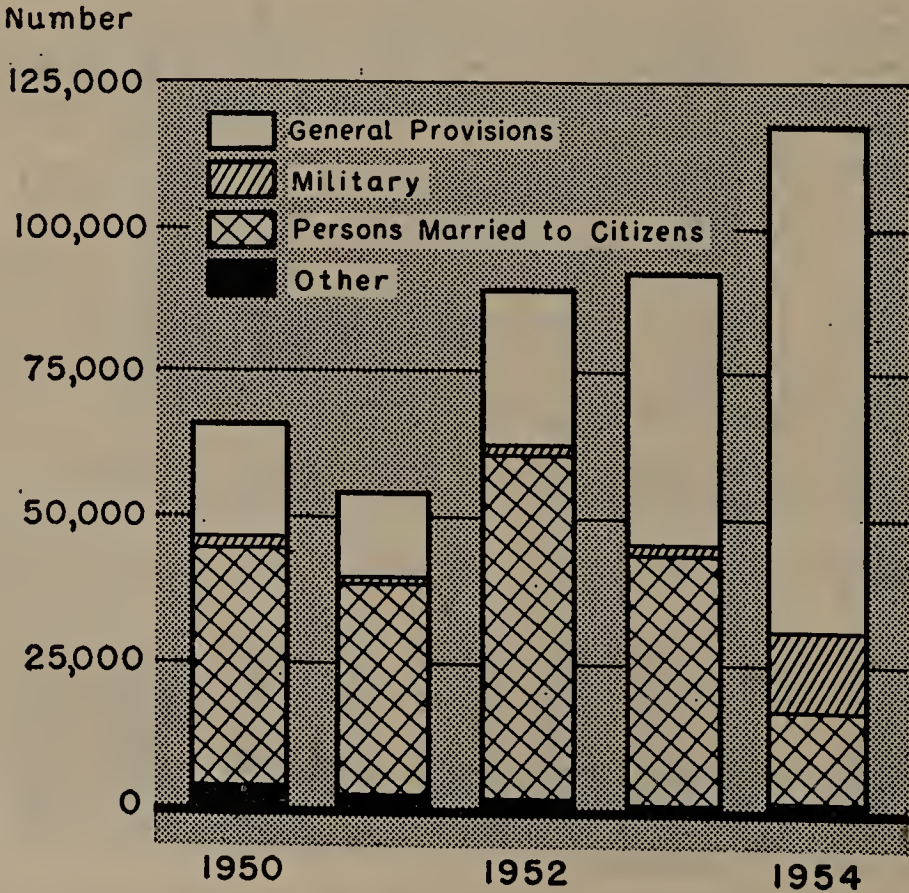


FIG. X.—ALIENS NATURALIZED, BY TYPE OF LEGAL PROVISION: 1950 TO 1954

[See table 116]



Source of figs. IX and X: Department of Justice, Immigration and Naturalization Service.



# No. 104.—ANNUAL QUOTAS ALLOTTED AND QUOTA IMMIGRANTS ADMITTED, BY QUOTA AREA: 1936 TO 1954

[For years ending June 30. See text, p. 80]

QUOTA AREA	Annual quota, 1954 <sup>1</sup>	QUOTA IMMIGRANTS ADMITTED						
		1936-1940	1941-1945	1946-1950	1951	1952	1953	1954
All quota areas.....	154,657	263,320	80,879	502,828	156,547	194,247	84,175	94,096
Europe.....	149,667	199,792	78,202	494,713	154,759	192,754	82,231	90,190
Northern and western Europe.....	125,165	127,414	49,388	259,802	47,026	73,302	63,649	69,267
Belgium.....	1,297	1,435	2,091	5,252	901	1,103	1,093	1,445
Denmark.....	1,175	1,188	761	4,738	1,062	1,183	1,124	1,128
France.....	3,060	3,432	3,590	13,937	2,900	2,935	2,984	3,044
Germany <sup>2</sup> .....	25,814	93,910	21,723	78,855	14,637	25,452	20,966	28,361
Great Britain and Northern Ireland.....	65,361	14,551	14,825	96,430	15,369	20,368	24,219	21,092
Iceland.....	100	25	98	376	66	95	89	109
Ireland.....	17,756	4,298	1,043	24,950	3,810	3,819	4,635	5,199
Luxembourg.....	100	21	218	335	59	103	76	79
Netherlands.....	3,138	2,816	2,043	12,458	3,102	3,032	2,903	3,298
Norway.....	2,364	1,966	926	9,170	2,248	2,333	2,250	2,155
Sweden.....	3,295	1,566	627	7,692	1,360	1,554	1,640	1,803
Switzerland.....	1,668	2,150	1,213	5,069	1,572	1,324	1,761	1,634
Southern and eastern Europe.....	24,502	72,378	28,814	234,911	107,733	119,452	18,582	20,923
Austria <sup>3</sup> .....	1,465	978	153	11,460	1,361	2,226	993	1,056
Bulgaria.....	100	423	153	439	231	230	56	52
Czechoslovakia.....	2,850	9,823	3,316	13,771	3,570	5,398	2,158	2,065
Estonia.....	115	309	151	7,444	2,230	1,366	113	156
Finland.....	566	1,526	628	2,248	556	494	527	555
Greece.....	308	1,795	1,277	1,343	3,638	5,621	172	571
Hungary.....	865	4,735	1,390	7,818	5,079	7,331	575	801
Italy.....	5,645	16,943	1,244	23,093	4,325	5,901	4,970	6,042
Latvia.....	235	735	443	21,714	11,220	4,999	224	293
Lithuania.....	364	1,428	646	19,326	4,562	3,330	258	311
Poland.....	6,438	18,189	10,602	88,957	45,766	42,665	4,428	4,831
Portugal.....	438	1,696	1,523	2,050	264	368	385	496
Rumania.....	260	2,028	1,233	3,844	2,042	5,184	298	308
Spain.....	250	1,236	1,118	881	286	256	543	329
Turkey.....	225	1,690	723	1,370	401	374	118	190
U. S. S. R. (Russia).....	2,667	5,362	3,531	19,545	14,019	15,269	1,926	1,887
Yugoslavia.....	933	3,171	779	8,498	7,411	17,265	690	778
Other southern and eastern Europe.....	700	1,001	127	1,177	346	1,645	308	352
Asia <sup>4</sup> .....	2,990	2,249	1,582	5,123	1,341	1,085	1,560	3,286
Africa.....	1,490	355	440	1,516	272	253	235	250
Oceania <sup>4</sup> .....	600	334	655	1,496	175	155	149	272

<sup>1</sup> Quota was 153,774 from 1934 to February 8, 1944, when quota of 165 Chinese, authorized by Act of Dec. 17, 1943, increased the maximum quota to 153,579. On July 4, 1946, quota for Philippine Islands was increased from 50 to 100, thereby raising total quota to 153,929. Quota was increased to 154,266 on July 27, 1949, by establishment of separate quotas of 100 each for Israel, Syria, and Lebanon, and abolishment of combined quota of 113 established for Syria and Lebanon. Quota was increased to 154,277 on Oct. 31, 1950, when quota for Italy was reduced to 5,677, quota for Yugoslavia was increased to 993, and a separate quota of 100 was established for Trieste. Quota was changed to 154,657, effective January 1, 1953, in accordance with the Immigration and Nationality Act.

<sup>2</sup> Number of quota immigrants exceeds quota because 50 percent of quota for future years may be mortgaged where necessary under Displaced Persons Act of 1948.

<sup>3</sup> For 1938 to 1945, Austrian quota included with German.

<sup>4</sup> Philippines included in Asia beginning 1952; previously included in Oceania (Pacific).

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.

NO. 105.—ANNUAL IMMIGRATION QUOTAS, BY COUNTRY, UNDER SUCCESSIVE IMMIGRATION LAWS: 1921 TO 1952

[Quotas as first proclaimed. For explanation of the various acts, see text, p. 89]

COUNTRY	1921 Act (3 percent, 1910)	1924 ACT		1952 Immi- gration and Nationality Act
		Effective 1924 (2 percent, 1890)	Effective 1929 (national ori- gin ratio)	
All countries.....	356,995	164,667	153,714	154,657
Europe.....	355,406	161,546	150,591	149,667
Austria.....	7,451	785	1,413	1,405
Belgium.....	1,563	512	1,304	1,297
Bulgaria.....	302	100	100	100
Czechoslovakia.....	14,282	3,073	2,874	2,859
Denmark.....	5,694	2,789	1,181	1,175
Finland.....	3,921	471	569	566
Great Britain <sup>1</sup> .....	77,342	34,007	65,721	65,361
France.....	5,729	3,954	3,086	3,069
Germany.....	68,059	51,227	25,957	25,814
Greece.....	3,294	100	307	308
Hungary.....	5,638	473	869	865
Iceland.....		100	100	100
Ireland <sup>1</sup> .....		28,567	17,853	17,756
Italy.....	42,057	3,845	5,802	5,645
Netherlands.....	3,607	1,648	3,153	3,136
Norway.....	12,202	6,453	2,377	2,364
Poland.....	25,827	5,982	6,524	6,488
Portugal.....	2,520	503	440	438
Rumania.....	7,419	603	295	289
Spain.....	912	131	252	250
Sweden.....	20,042	9,561	3,314	3,295
Switzerland.....	3,752	2,081	1,707	1,698
Turkey <sup>2</sup> .....	656	100	226	225
U. S. S. R. (Russia).....	34,284	2,248	2,784	2,697
Yugoslavia.....	6,426	671	845	933
Other Europe.....	2,427	1,562	1,538	1,534
Asia.....	1,043	1,300	1,323	<sup>2</sup> 2,990
Africa.....	122	1,200	1,200	1,400
Australia, New Zealand, and Pacific Islands.....	<sup>2</sup> 359	<sup>2</sup> 221	<sup>2</sup> 200	600
All others.....	65	400	400	

<sup>1</sup> All Ireland included with Great Britain prior to 1925, thereafter, Northern Ireland only.

<sup>2</sup> Includes Philippines.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

**No. 106.—IMMIGRATION, BY COUNTRY OF LAST PERMANENT RESIDENCE:  
1820 TO 1954**

[Data are totals, not annual averages, and are for periods ending June 30. Data prior to 1906 refer to country whence aliens came; thereafter, country of last permanent residence. Because of boundary changes and changes in list of countries separately reported, data for certain countries not comparable throughout. See also *Historical Statistics*, series B 304-330]

COUNTRY	Total 135 yrs., 1820-1954	1901- 1910	1911- 1920	1921- 1930	1931- 1940	1941- 1950	1952	1953	1954
<b>All countries, total</b>	<b>40,175,330</b>	<b>8,795,386</b>	<b>5,735,811</b>	<b>4,107,209</b>	<b>528,431</b>	<b>1,035,039</b>	<b>265,520</b>	<b>170,434</b>	<b>208,177</b>
<b>Europe, total</b>	<b>33,763,983</b>	<b>8,136,016</b>	<b>4,376,564</b>	<b>2,477,853</b>	<b>348,289</b>	<b>621,704</b>	<b>193,626</b>	<b>82,352</b>	<b>92,121</b>
Belgium	179,567	41,635	33,746	15,846	4,817	12,189	2,946	2,162	2,263
Bulgaria <sup>1</sup>	66,242	39,280	22,533	2,945	938	375	9	1	—
Czechoslovakia	128,603	—	3,426	102,194	14,393	8,347	51	77	27
Denmark	344,649	65,285	41,983	32,430	2,559	5,393	1,152	993	1,010
Finland	24,049	—	756	16,691	2,146	2,503	500	473	448
France	651,658	73,379	61,897	49,610	12,623	38,809	4,878	4,137	4,263
Germany	6,500,947	341,498	143,945	412,202	—	226,578	104,236	27,329	33,098
Austria <sup>2</sup>	—	—	453,649	32,868	117,621	24,860	23,088	2,132	2,136
Hungary	4,209,472	2,145,266	442,693	30,680	7,861	3,469	63	96	30
Great Britain:									
England	2,810,273	388,017	249,944	157,420	21,756	112,252	18,539	12,921	12,977
Scotland	762,462	120,469	78,357	159,781	6,887	16,131	3,390	3,416	3,442
Wales	90,602	17,464	13,107	13,012	735	3,209	248	302	253
Greece	453,486	167,519	184,201	51,084	9,119	8,973	6,996	1,296	1,154
Ireland <sup>3</sup>	4,634,704	339,065	146,181	220,591	13,167	26,967	3,526	4,304	4,655
Italy	4,818,761	2,045,877	1,109,524	455,315	68,028	57,661	11,342	8,432	13,145
Netherlands	281,309	48,262	43,718	26,948	7,150	14,860	3,060	2,973	3,595
Norway	823,974	190,505	66,395	68,531	4,740	10,100	2,354	2,234	2,142
Poland <sup>4</sup>	422,862	—	4,813	227,734	17,026	7,571	235	136	67
Portugal	268,030	69,149	89,732	29,994	3,329	7,423	953	1,077	1,455
Rumania	158,189	53,008	13,311	67,646	3,871	1,076	34	23	7
Spain	175,300	27,935	68,611	28,958	3,258	2,898	481	814	542
Sweden	1,236,256	249,534	95,074	97,249	3,966	10,665	1,778	2,171	2,172
Switzerland	312,683	34,922	23,091	29,676	5,512	10,547	1,502	1,796	1,673
Turkey in Europe	156,824	79,976	54,677	14,659	737	580	94	62	97
U. S. S. R. (Russia)	3,343,952	1,597,306	921,201	61,742	1,356	548	11	25	11
Yugoslavia	60,404	—	1,888	49,064	5,835	1,576	327	580	680
Other Europe	848,725	665	8,111	22,983	8,865	6,144	1,833	2,390	779
<b>Asia, total <sup>5</sup></b>	<b>981,769</b>	<b>243,567</b>	<b>192,559</b>	<b>97,400</b>	<b>15,344</b>	<b>31,780</b>	<b>9,328</b>	<b>8,231</b>	<b>9,970</b>
China	400,262	20,605	21,278	29,907	4,928	16,709	263	528	254
Japan	289,656	129,797	83,837	33,462	1,948	1,555	3,814	2,579	3,846
Turkey in Asia	205,642	77,393	79,389	19,165	328	218	12	13	33
Other Asia <sup>6</sup>	86,209	15,772	8,055	14,866	8,140	13,298	5,239	5,111	5,837
<b>America, total</b>	<b>5,038,187</b>	<b>361,888</b>	<b>1,143,671</b>	<b>1,516,716</b>	<b>160,037</b>	<b>354,804</b>	<b>61,049</b>	<b>77,650</b>	<b>95,587</b>
Canada and Newfound- land	3,307,836	179,226	742,185	924,515	108,527	171,718	33,354	36,283	34,873
Mexico	901,904	49,642	219,004	459,287	22,319	60,589	9,079	17,183	30,645
Central America	81,783	8,192	17,159	15,769	5,861	21,665	2,637	3,016	3,300
South America	163,406	17,280	41,899	42,215	7,803	21,831	4,591	5,511	6,575
West Indies	526,309	107,548	123,424	74,899	15,502	49,725	6,672	8,628	8,411
Other America	56,949	—	—	31	25	29,276	4,716	7,029	11,783
Africa	37,440	7,368	8,443	6,286	1,750	7,367	931	989	1,248
Australia and New Zealand	70,959	11,975	12,348	8,299	2,231	13,805	545	742	845
Pacific Islands (not speci- fied)	19,985	1,049	1,079	427	780	5,437	33	40	65
All other countries <sup>6</sup>	263,007	633,523	1,147	228	—	142	8	430	8,341

<sup>1</sup> Includes Serbia and Montenegro prior to 1920.

<sup>2</sup> Austria included with Germany 1938-45.

<sup>3</sup> Includes Northern Ireland.

<sup>4</sup> From 1899 to 1919 Poland is included with Austria-Hungary, Germany, and Russia.

<sup>5</sup> Philippines included in "Other Asia" in 1952 (1,179), 1953 (1,074), and 1954 (1,234); previously included in "All other countries."

<sup>6</sup> Includes 32,897 persons returning to their homes in the United States. After 1906 such aliens have been included in immigration statistics as nonimmigrants; prior to that year, aliens were recorded by countries whence they came (see headnote).

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.



## No. 107.—IMMIGRANTS ADMITTED, BY COUNTRY OF BIRTH: 1950 TO 1954

[For years ending June 30]

COUNTRY	1950	1953	1954	COUNTRY	1950	1953	1954
<b>All countries</b> .....	249,187	170,434	208,177	<b>Europe—Continued</b>			
<b>Europe</b> .....	206,547	96,177	111,227	United Kingdom:			
Austria.....	3,182	1,862	2,072	England.....	8,812	12,872	12,923
Belgium.....	1,108	1,335	1,424	Northern Ireland.....	1,249	1,240	1,306
Bulgaria.....	190	67	78	Scotland.....	2,983	4,540	4,541
Czechoslovakia.....	5,528	2,173	2,235	Wales.....	393	578	559
Denmark.....	1,234	1,278	1,322	U. S. S. R. (Russia).....	10,971	1,780	1,985
Estonia.....	5,422	158	228	Yugoslavia.....	9,154	1,272	1,432
Finland.....	645	614	681	Other Europe.....	1,753	2,509	1,214
France.....	3,519	3,216	3,277	<b>Asia</b> .....	4,615	8,029	11,751
Germany.....	31,225	27,305	32,935	China.....	1,494	1,536	2,770
Greece.....	1,242	1,603	2,127	India.....	153	155	308
Hungary.....	5,098	803	1,163	Japan.....	76	2,393	3,777
Ireland.....	6,501	4,655	5,232	Palestine.....	212	118	165
Italy.....	9,839	9,701	15,201	Philippines.....	595	1,160	1,633
Latvia.....	17,494	294	296	Other Asia.....	2,085	2,667	3,098
Lithuania.....	11,870	314	401	<b>North America</b> .....	34,004	60,107	77,772
Netherlands.....	3,148	3,042	3,769	Canada.....	18,043	28,967	27,055
Norway.....	2,379	2,427	2,420	Mexico.....	6,841	18,454	37,456
Poland.....	52,851	4,395	5,663	West Indies.....	6,093	8,875	8,999
Portugal.....	1,075	1,141	1,636	Central America.....	2,151	3,056	3,488
Rumania.....	3,599	468	666	Other North America.....	876	755	774
Spain.....	463	991	964	<b>South America</b> .....	2,777	4,691	5,523
Sweden.....	1,892	1,750	1,811	Africa.....	689	922	1,187
Switzerland.....	1,728	1,794	1,686	Australia and New Zealand.....	443	450	605
				Other countries.....	112	58	112

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

## No. 108.—EMIGRANTS DEPARTING, BY COUNTRY OF FUTURE PERMANENT RESIDENCE: 1950 TO 1954

[For years ending June 30]

COUNTRY	1950	1951	1952	1953	1954	COUNTRY	1950	1951	1952	1953	1954
<b>All countries, total</b> .....	27,598	26,174	21,880	24,256	30,665	<b>Europe—Con.</b>					
<b>Europe, total</b> .....	12,642	11,477	9,691	12,557	14,192	Sweden.....	483	451	334	376	542
Austria.....	98	87	112	135	214	Switzerland.....	342	311	341	380	490
Belgium.....	237	156	192	310	311	U. S. S. R. (Russia).....	157	140	143	213	193
Bulgaria.....	15	2	5	6	7	Yugoslavia.....	74	64	77	158	168
Czechoslovakia.....	97	33	28	25	108	Other Europe.....	332	281	230	289	491
Denmark.....	350	336	350	427	470	<b>Asia, total</b> .....	2,130	1,902	1,920	2,159	3,970
Finland.....	160	138	114	130	158	China.....	428	376	223	155	459
France.....	1,125	1,019	1,172	1,484	1,937	Japan.....	315	282	506	701	1,165
Germany.....	1,309	1,101	1,028	1,491	1,403	Palestine.....	101	28	53	43	67
United Kingdom:						Syria.....	29	26	25	19	59
England.....	2,919	2,882	1,884	2,736	2,824	Other Asia.....	1,257	1,190	1,113	1,241	2,220
Northern Ireland.....	189	173	71	56	92	<b>America, total</b> .....	10,542	11,046	8,706	8,137	10,392
Ireland.....	444	465	258	345	420	Canada.....	2,267	3,202	2,760	1,925	2,463
Scotland.....	72	78	35	48	42	Central America.....	851	816	576	633	921
Wales.....						Mexico.....	1,257	1,149	988	988	1,208
Greece.....	588	374	435	621	709	South America.....	2,873	2,817	1,984	2,180	3,248
Hungary.....	27	30	14	23	158	West Indies.....	3,190	2,897	2,227	2,383	2,547
Ireland (Eire).....	372	539	229	367	344	Other America.....	104	165	171	28	5
Italy.....	1,636	1,440	1,281	1,358	1,180	<b>Africa</b> .....	433	393	317	363	485
Netherlands.....	379	304	327	439	563	Australia.....	340	399	367	275	379
Norway.....	677	576	553	571	607	New Zealand.....	119	98	89	77	72
Poland.....	106	72	68	71	219	Philippine Islands.....	1,181	627	521	598	1,002
Portugal.....	228	188	183	199	183	Pacific islands, not specified.....	51	41	56	56	82
Rumania.....	8	5	2	8	68	Unknown or not reported.....	160	191	213	34	91
Spain.....	218	227	225	291	291						

1 Includes Newfoundland.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases, and records.

No. 109.—IMMIGRANTS ADMITTED AND EMIGRANTS DEPARTING, BY SEX, AGE, AND MAJOR OCCUPATION GROUP: 1936 TO 1954

[For years ending June 30. See also *Historical Statistics*, series B 331-336]

SEX, AGE, OCCUPATION	1936-40, total	1941-45, total	1946-50, total	1951	1952	1953	1954
<b>Admissions, total</b> .....	308,222	170,952	864,087	205,717	265,520	170,434	208,177
Male.....	139,282	70,151	347,836	99,327	123,609	73,073	95,594
Female.....	168,940	100,801	516,251	106,390	141,911	97,361	112,583
Males per 1,000 females.....	824	696	674	934	871	751	849
Under 16 years.....	47,238	24,608	137,214	44,023	64,513	37,016	45,105
16 to 44 years <sup>1</sup> .....	203,627	107,551	575,407	121,823	159,788	110,860	135,731
45 years and over <sup>2</sup> .....	57,357	38,793	151,466	39,871	41,219	22,558	27,341
Illiterates, number <sup>3</sup> .....	5,322	1,403	8,114	1,869	2,026	995	1,009
Percent.....	1.7	.8	.9	.9	.8	.6	.5
<b>Reporting occupations:</b>							
Professional, technical, and kindred workers.....	26,113	17,913	64,094	15,269	16,496	12,783	13,817
Farmers and farm managers.....	4,928	1,691	35,872	10,214	10,566	3,393	3,846
Proprietors, managers, and officials, except farm.....	26,956	11,284	28,119	5,493	5,968	5,025	5,296
Clerical, sales, and kindred workers.....	15,849	12,398	69,230	14,098	16,724	15,171	16,018
Craftsmen, foremen, and kindred workers.....	24,425	16,205	59,427	16,183	21,223	12,257	15,396
Operatives and kindred workers.....			61,935	17,858	21,092	14,718	16,755
Private household workers.....	19,387	5,765	29,665	7,243	9,653	6,852	8,096
Service workers, except private household.....	7,204	4,134	19,292	5,292	6,418	4,390	5,203
Farm laborers and foremen.....	1,973	813	6,486	4,972	6,289	1,538	1,622
Laborers, except farm and mine.....	9,700	3,822	21,015	5,481	8,969	5,369	10,061
<b>Departures, total</b> .....	135,875	42,696	113,703	26,174	21,880	24,256	30,665
Male.....	84,006	25,006	63,424	12,843	10,921	12,511	16,520
Female.....	51,869	17,690	50,279	13,331	10,959	11,745	14,145
Males per 1,000 females.....	1,620	1,414	1,261	963	997	1,065	1,168
Under 16 years.....	8,561	4,628	9,656	2,417	1,918	2,117	2,795
16 to 44 years <sup>1</sup> .....	83,215	26,715	59,100	15,422	12,318	14,905	19,823
45 years and over <sup>2</sup> .....	44,099	11,353	44,947	8,335	7,644	7,234	8,047
<b>Reporting occupations:</b>							
Professional, technical, and kindred workers.....	7,180	3,723	11,629	2,772	2,328	3,053	3,773
Farmers and farm managers.....	3,318	627	1,701	350	263	266	240
Proprietors, managers, and officials, except farm.....	6,095	2,394	9,166	1,954	1,693	1,798	1,919
Clerical, sales, and kindred workers.....	4,973	2,033	5,555	1,799	1,179	1,339	1,428
Craftsmen, foremen, and kindred workers.....	12,814	3,089	3,629	950	437	786	738
Operatives and kindred workers.....			6,219	1,363	902	988	987
Private household workers.....	8,879	1,104	2,547	757	470	610	714
Service workers, except private household.....	3,680	1,091	3,708	839	908	1,181	1,333
Farm laborers and foremen.....	4,246	1,103	4,565	253	158	114	95
Laborers, except farm and mine.....	32,111	7,377	8,223	924	4,099	654	679

<sup>1</sup> 1940-1944, 16 to 45 years.

<sup>2</sup> 1940-1944, 46 years and over. Includes age unknown.

<sup>3</sup> Immigrants over 16 years old who are physically capable of reading but have not been taught to read and understand some language or dialect.

Source: Department of Justice, Immigration and Naturalization Service, *Annual Report*, releases, and records.

## No. 110.—ALIENS ADMITTED, BY CLASSES UNDER THE IMMIGRATION LAWS: 1948 TO 1954

[For years ending June 30. Data exclude travelers between continental United States and its possessions, border crossers, crewmen, and agricultural laborers]

CLASS	1948	1949	1950	1951	1952	1953	1954
<b>Aliens admitted</b> .....	646,576	635,589	676,024	670,823	781,602	656,148	774,790
<b>Immigrants</b> .....	170,570	188,317	249,187	205,717	265,520	170,434	208,177
Quota immigrants.....	92,526	113,046	197,460	156,547	194,247	84,175	94,098
Nonquota immigrants.....	78,044	75,271	51,727	49,170	71,273	86,259	114,079
Wives of U. S. citizens.....	30,086	27,967	12,291	8,685	16,058	15,916	17,145
Husbands of U. S. citizens.....	647	3,239	1,459	822	793	3,359	7,725
Children of U. S. citizens.....	6,097	4,648	2,525	1,955	2,464	3,268	5,819
Natives of Western Hemisphere countries.....	37,506	35,969	32,790	34,704	47,744	58,985	78,897
Their spouses.....	316	282	278	337	455	1,127	1,119
Their children.....	146	143	170	233	209	987	510
Persons who had been U. S. citizens <sup>1</sup> .....	136	110	86	39	32	104	427
Ministers of religious denominations.....	782	623	454	376	338	244	263
Their spouses.....	367	244	147	129	96	69	57
Their children.....	443	366	232	228	146	74	65
Employees of U. S. Government abroad, their spouses and children <sup>2</sup> .....						2	4
Professors of colleges, universities <sup>3</sup> .....	505	424	291	214	158	169	-----
Their wives.....	238	212	124	113	68	71	-----
Their children.....	254	233	188	130	71	81	-----
Refugees <sup>4</sup> .....							821
Other nonquota immigrants.....	521	811	692	1,205	2,641	1,803	1,227
<b>Nonimmigrants</b> .....	476,006	447,272	426,837	465,106	516,082	485,714	566,613
Foreign government officials.....	16,822	13,722	13,975	20,881	22,267	24,502	23,095
Temporary visitors for business.....	78,876	73,338	67,984	83,995	86,745	63,496	61,029
Temporary visitors for pleasure.....	206,107	225,745	219,810	230,210	269,606	243,219	292,725
Transit aliens.....	124,780	81,615	68,640	72,027	77,899	67,684	78,526
Treaty traders.....	711	632	766	850	791	878	1,023
Students.....	11,914	10,481	9,744	7,355	8,613	13,533	25,425
Representatives to international organizations.....	4,059	4,723	5,010	5,526	5,137	6,112	5,601
Temporary workers and industrial trainees <sup>5</sup> .....						3,021	<sup>6</sup> 7,479
Representatives of foreign information media <sup>5</sup> .....						174	504
Exchange aliens <sup>2</sup> .....						12,584	15,260
Returning resident aliens <sup>6</sup> .....	32,464	36,984	40,903	44,212	44,980	50,397	55,887
Other nonimmigrants.....	273	32	5	50	44	114	59

<sup>1</sup> Under the Immigration Act of 1924, this class covered only women who had been U. S. citizens.<sup>2</sup> New classes under the provisions of the Immigration and Nationality Act of 1952.<sup>3</sup> Professors admitted as nonquota immigrants under the Immigration Act of 1924. Professors are not included in the nonquota classes as defined in the Immigration and Nationality Act of 1952.<sup>4</sup> Refugees admitted under Refugee Relief Act of 1953.<sup>5</sup> Excludes 7,946 agricultural laborers admitted under Section 101 (a) (15) (H), Immigration and Nationality Act.<sup>6</sup> Returning resident aliens who have once been counted as immigrants are included with nonimmigrants.Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.



No. 111.—IMMIGRANTS ADMITTED, BY CLASS AND COUNTRY OF BIRTH: CUMULATIVE,  
JUNE 25, 1948, TO JUNE 30, 1954

[Includes immigrants admitted under the Displaced Persons Act of 1948, as amended]

COUNTRY OF BIRTH	Number admitted	DISPLACED PERSONS				German ethnics <sup>1</sup>
		Total	Quota	Nonquota		
				Orphans	Other	
All countries.....	404, 933	351, 167	347, 010	4, 065	92	53, 766
Europe.....	402, 360	348, 671	344, 554	4, 052	65	53, 689
Austria.....	8, 927	6, 366	6, 222	169	7	2, 529
Belgium.....	928	925	924	1	—	3
Bulgaria.....	566	554	553	1	—	12
Czechoslovakia.....	12, 240	9, 401	9, 365	34	2	2, 839
Denmark.....	62	55	49	6	—	7
Estonia.....	10, 202	9, 939	9, 917	17	5	263
Finland.....	93	62	58	4	—	1
France.....	765	757	753	4	—	8
Germany.....	61, 954	51, 885	50, 713	1, 156	16	10, 069
Greece.....	10, 273	10, 271	9, 024	1, 246	1	2
Hungary.....	16, 269	12, 765	12, 725	39	1	3, 504
Ireland.....	31	31	30	1	—	—
Italy.....	2, 252	2, 233	1, 665	568	—	19
Latvia.....	35, 787	35, 142	34, 940	202	—	645
Lithuania.....	24, 659	23, 181	23, 100	69	12	1, 478
Netherlands.....	62	53	51	2	—	9
Norway.....	30	25	25	—	—	5
Poland.....	134, 602	128, 210	127, 964	214	12	6, 392
Portugal.....	21	14	10	4	—	7
Rumania.....	10, 470	5, 117	5, 067	20	—	5, 353
Spain.....	34	29	29	—	—	5
Sweden.....	307	307	307	—	—	—
Switzerland.....	132	129	129	—	—	3
United Kingdom:						
England.....	1, 504	1, 502	1, 501	—	1	2
North Ireland.....	28	27	26	1	—	1
Scotland.....	185	185	184	1	—	—
Wales.....	103	99	99	—	—	4
U. S. S. R. (Russia).....	35, 564	31, 241	31, 184	50	7	4, 323
Yugoslavia.....	33, 144	17, 208	16, 971	236	1	15, 936
Other Europe.....	1, 166	896	889	7	—	270
Asia.....	2, 167	2, 156	2, 155	1	—	11
China.....	911	909	908	1	—	2
India.....	8	7	7	—	—	1
Israel.....	15	15	15	—	—	—
Japan.....	11	9	9	—	—	2
Palestine.....	77	77	77	—	—	—
Philippines.....	19	19	19	—	—	—
Other Asia.....	1, 126	1, 120	1, 120	—	—	6
North America.....	283	226	209	—	17	57
Canada.....	24	16	4	—	12	8
Mexico.....	3	3	3	—	—	—
West Indies.....	2	1	—	—	1	1
Central America.....	4	3	1	—	2	1
Other North America.....	250	203	201	—	2	47
South America.....	19	15	5	—	10	4
Africa.....	72	68	67	1	—	4
Australia and New Zealand.....	10	10	10	—	—	—
Other countries.....	22	21	10	11	—	1

<sup>1</sup> Includes wives and children.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

## No. 112.—DISPLACED PERSONS AND WAR BRIDES ADMITTED: 1946 TO 1954

[For years ending June 30. Figures included in total immigrants in other tables in this section]

YEAR	DISPLACED PERSONS <sup>1</sup>				WAR BRIDES <sup>2</sup>			
	Total	Quota	Non-quota	Non-immigrant	Total	Husbands	Wives	Alien children
<b>Total</b> -----	392,546	385,066	6,425	1,055	119,693	333	114,691	4,669
1946-----	2,551	2,534	17	-----	45,557	61	44,775	721
1947-----	17,414	16,076	942	396	27,212	101	25,736	1,375
1948-----	21,414	19,446	1,309	659	23,016	94	21,954	968
1949-----	40,048	39,734	314	-----	22,214	71	20,670	1,473
1950-----	124,353	124,120	233	-----	1,694	6	1,556	132
1951-----	96,515	95,920	595	-----	(2)	(2)	(2)	(2)
1952-----	79,178	77,196	1,982	-----	(2)	(2)	(2)	(2)
1953-----	5,838	4,805	1,033	-----	(2)	(2)	(2)	(2)
1954-----	5,235	5,235	-----	-----	(2)	(2)	(2)	(2)

<sup>1</sup> Legislation authorizing admission was approved June 25, 1948. Admissions prior thereto were under President's Directive of Dec. 22, 1945.

<sup>2</sup> Act of Dec. 28, 1945, which facilitated entry of alien wives, husbands, and children of citizen members of Armed Forces, expired on Dec. 28, 1948. Public Law 51 of Apr. 21, 1949, authorized admission of certain alien fiancées and fiancés and adjustment of their status to that of permanent residence.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

## No. 113.—ALIENS WHO REPORTED UNDER THE ALIEN ADDRESS PROGRAM, BY SELECTED NATIONALITIES, 1951 TO 1954, AND BY AREA, 1954

NATIONALITY	1951 <sup>1</sup>	1953 <sup>1</sup>	1954					
			Total <sup>1</sup>	City <sup>2</sup>	Urban <sup>3</sup>	Rural <sup>4</sup>	Outlying territories and possessions	All other
<b>All nationalities</b> -----	2,265,032	2,348,881	2,365,811	1,277,518	719,246	291,967	67,838	9,242
Germany-----	118,003	150,956	191,456	107,116	56,652	26,646	522	520
Great Britain-----	192,723	203,830	211,044	114,875	65,959	27,600	1,818	792
Italy-----	229,062	222,312	189,915	118,340	54,176	16,824	102	473
Poland-----	213,319	233,230	231,401	154,120	56,527	20,288	31	435
U. S. S. R. (Russia)-----	126,010	108,077	116,735	85,726	22,588	8,055	81	285
Canada-----	217,397	232,320	250,943	101,228	99,679	46,516	996	2,524
Mexico-----	324,104	301,605	314,771	122,101	145,274	45,385	134	1,877
All other-----	844,414	916,551	859,546	474,012	218,391	100,653	64,154	2,336

<sup>1</sup> Excludes approximately 100,000 alien address reports that were incomplete for 1951, 77,419 for 1953, and 31,396 for 1954.

<sup>2</sup> Cities with population of 100,000 or more.

<sup>3</sup> Places with population of 2,500 to 99,999.

<sup>4</sup> Places with population of less than 2,500.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

## ARRIVALS AND DEPARTURES

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No. 114.—ALIENS AND CITIZENS—TOTAL ARRIVALS AND DEPARTURES AND  
ARRIVALS AT PRINCIPAL PORTS: 1931 TO 1954

[For years ending June 30. Excludes travelers between continental U. S. and outlying possessions, persons habitually crossing and reentering international land boundaries, and agricultural and railway track workers admitted from Mexico. Figures for alien arrivals cover admissions only, excluding aliens among arrivals found inadmissible and debarred from entering]

PORT AND CLASS	1931-35, average	1936-40, average	1941-45, average	1946-50, average	1951	1952	1953	1954
<b>Arrivals, total</b> .....	517, 967	575, 620	279, 310	1,064,616	1,431,309	1,588,827	1,587,022	1,796,117
United States citizens.....	327, 986	345, 100	136, 826	507, 821	760, 486	807, 225	930, 874	1,021,327
Immigrants.....	44, 042	61, 644	34, 190	172, 817	205, 717	265, 520	170, 434	208, 177
Nonimmigrants.....	145, 939	168, 875	108, 294	383, 978	465, 106	516, 082	485, 714	566, 613
<b>Departures, total</b> .....	577, 771	533, 146	182, 129	846, 412	1,140,027	1,323,786	1,470,363	1,570,186
United States citizens.....	340, 052	331, 535	102, 225	473, 858	667, 126	814, 289	925, 861	971, 025
Emigrants.....	64, 773	27, 175	8, 539	22, 741	26, 174	21, 880	24, 256	30, 665
Nonemigrants.....	172, 947	174, 436	71, 365	349, 813	446, 727	487, 617	520, 246	568, 496
Excess of arrivals over departures <sup>1</sup> .....	-59, 804	42, 474	97, 181	218, 204	291, 282	265, 041	116, 659	225, 931
<b>Citizens permanently departing:</b>								
Naturalized.....	1, 067	1, 103	538	3, 148	11, 595	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Native born.....	19, 673	9, 850	5, 820	15, 062	46, 325	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>ARRIVALS AT PRINCIPAL PORTS</b>								
<b>New York</b> .....	367, 031	375 260	76, 485	470, 902	693, 852	760, 016	769, 868	843, 550
United States citizens.....	240, 068	228, 369	39, 340	221, 108	370, 598	375, 282	468, 869	519, 021
Immigrants.....	27, 717	42, 073	7, 719	104, 100	142, 903	183, 222	87, 483	98, 813
Nonimmigrants.....	99, 246	104, 818	29, 426	145, 694	180, 351	201, 512	213, 516	225, 716
<b>Boston</b> .....	12, 351	11, 709	3, 097	28, 100	32, 397	32, 471	41, 937	47, 688
United States citizens.....	7, 341	6, 942	1, 675	16, 465	24, 926	25, 128	34, 523	39, 309
Immigrants.....	1, 040	885	310	8, 327	3, 787	2, 968	2, 248	2, 730
Nonimmigrants.....	3, 970	3, 882	1, 113	3, 308	3, 684	4, 375	5, 166	5, 649
<b>Philadelphia</b> .....	932	1, 318	1, 350	3, 870	1, 345	1, 710	2, 693	2, 945
United States citizens.....	734	954	601	1, 642	703	670	1, 043	1, 494
Immigrants.....	27	25	381	588	134	337	322	556
Nonimmigrants.....	170	339	368	1, 640	508	703	728	895
<b>Baltimore</b> .....	1, 425	1, 311	10, 792	17, 772	4, 672	2, 746	1, 537	2, 609
United States citizens.....	1, 195	1, 058	8, 827	12, 185	3, 692	1, 036	340	741
Immigrants.....	56	30	192	771	148	620	451	737
Nonimmigrants.....	175	224	1, 773	4, 816	832	1, 090	746	1, 131
<b>Miami</b> .....	20, 796	72, 183	82, 168	223, 295	283, 056	308, 920	319, 423	326, 623
United States citizens.....	17, 144	55, 362	50, 282	140, 418	184, 045	199, 835	205, 338	207, 622
Immigrants.....	94	1, 445	3, 229	6, 432	5, 199	6, 209	7, 537	10, 433
Nonimmigrants.....	3, 558	15, 376	28, 656	76, 445	93, 812	102, 876	106, 548	108, 568
<b>New Orleans</b> .....	8, 520	8, 645	10, 466	34, 325	42, 237	44, 501	32, 939	33, 029
United States citizens.....	6, 758	6, 997	6, 279	22, 147	23, 265	21, 289	20, 698	20, 302
Immigrants.....	314	231	469	3, 852	9, 177	12, 301	1, 459	1, 651
Nonimmigrants.....	1, 448	1, 417	3, 718	8, 326	9, 795	10, 911	10, 782	11, 076
<b>San Francisco</b> .....	12, 821	14, 433	11, 619	34, 826	37, 372	33, 006	28, 584	31, 674
United States citizens.....	7, 322	8, 311	7, 472	20, 050	27, 125	20, 884	19, 457	22, 116
Immigrants.....	937	712	817	5, 756	3, 841	3, 178	2, 366	3, 363
Nonimmigrants.....	4, 563	5, 410	3, 330	9, 020	6, 406	8, 944	6, 761	6, 195
<b>Seattle</b> .....	3, 810	3, 711	1, 185	7, 732	15, 180	25, 275	22, 935	20, 678
United States citizens.....	2, 112	2, 211	452	6, 768	13, 706	19, 904	16, 816	13, 274
Immigrants.....	198	92	245	294	382	3, 497	2, 520	2, 870
Nonimmigrants.....	1, 501	1, 407	487	670	1, 092	1, 874	3, 599	4, 534

<sup>1</sup> Excess of departures indicated by a minus (-) sign.

<sup>2</sup> Not available.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.



No. 115.—PASSENGERS ARRIVING AND DEPARTING, BY COUNTRY, FLAG OF CARRIER,  
MODE OF TRAVEL, AND CITIZENSHIP: 1947 TO 1954

[For years ending June 30]

COUNTRY, FLAG, ETC.	1947	1948	1949	1950	1951	1952	1953	1954
<b>Passengers arriving, total</b> .....	829,540	1,023,742	1,104,473	1,182,152	1,282,165	1,433,010	1,486,440	1,612,767
Europe.....	325,001	440,852	479,768	588,204	581,708	653,341	648,363	721,774
Asia <sup>1</sup> .....	32,775	51,185	49,103	50,077	66,213	83,295	88,602	107,538
Africa.....	8,081	8,424	6,798	5,192	4,443	7,836	9,772	7,433
Oceania <sup>1</sup> .....	23,234	20,048	16,366	18,640	26,286	8,625	8,650	22,240
Canada and Newfoundland.....	50,926	77,501	96,850	34,585	36,287	45,107	57,995	69,254
Greenland.....	86	123	105	108	180	5,304	5,269	4,609
Mexico.....	2,659	4,422	3,780	4,325	15,452	25,252	21,429	16,347
West Indies.....	322,547	313,117	337,015	362,829	430,404	460,252	491,463	511,403
Central America.....	36,183	45,501	47,429	50,766	44,673	53,194	57,825	57,801
South America.....	28,048	62,569	67,259	67,426	76,519	90,804	97,072	94,368
Flag: U. S. ....	585,909	648,444	697,039	749,754	763,035	841,885	837,198	906,900
Foreign.....	243,631	375,298	407,434	432,398	519,130	591,125	649,242	705,867
By sea.....	356,426	491,427	502,593	601,543	547,866	622,705	576,388	606,670
By air.....	473,114	532,315	601,880	580,609	734,299	810,305	910,052	1,006,097
Aliens.....	401,531	490,211	497,481	530,209	532,463	635,902	565,056	603,264
Citizens.....	428,009	533,531	606,992	651,943	749,702	797,108	921,384	1,009,503
<b>Passengers departing, total</b> .....	695,441	786,319	863,951	981,124	999,574	1,198,503	1,340,295	1,411,963
Europe.....	228,454	292,497	363,678	432,800	400,111	486,086	600,242	641,541
Asia <sup>1</sup> .....	49,290	54,919	39,512	46,202	28,873	65,173	73,487	78,230
Africa.....	7,342	7,473	6,442	6,011	6,928	12,009	11,726	11,579
Oceania <sup>1</sup> .....	25,117	24,716	17,185	19,462	18,360	9,714	8,613	18,745
Canada and Newfoundland.....	12,065	5,383	7,145	12,807	7,271	24,854	22,645	23,508
Greenland.....	84	194	138	176	85	5,706	4,995	2,140
Mexico.....	7,749	4,082	3,717	4,530	14,475	21,255	20,647	17,210
West Indies.....	280,919	288,401	315,833	352,195	405,972	440,623	459,079	482,335
Central America.....	38,944	41,102	41,689	38,466	37,993	44,328	49,177	47,121
South America.....	45,477	67,552	68,612	68,475	79,506	88,755	89,684	89,554
Flag: U. S. ....	507,528	503,036	527,692	577,358	568,217	690,107	780,560	794,935
Foreign.....	187,913	283,283	336,259	403,766	431,357	508,396	559,735	617,028
By sea.....	295,263	375,215	408,081	467,105	398,629	479,467	535,729	565,338
By air.....	400,178	411,104	455,870	514,019	600,945	719,036	804,566	846,625
Aliens.....	249,121	312,271	315,599	329,529	335,801	385,859	416,735	442,742
Citizens.....	446,320	474,048	548,352	651,595	663,773	812,644	923,560	969,221

<sup>1</sup> Philippines included in Asia beginning 1952; previously included in Oceania (Pacific).

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.

No. 116.—ALIENS NATURALIZED, BY TYPE OF LEGAL QUALIFICATION OR PROVISION:  
1947 TO 1954

[For years ending June 30]

NATURALIZATION PROVISION	1947	1948	1949	1950	1951	1952	1953	1954
<b>Total naturalized</b> .....	93,904	70,150	66,594	66,346	54,716	88,655	92,051	117,831
Under general naturalization provisions.....	46,339	34,347	24,566	19,403	14,864	26,920	46,793	86,166
Married to U. S. citizens.....	27,066	28,898	35,131	40,684	36,433	58,027	42,088	15,977
Children of U. S. citizens.....	245	419	448	499	487	760	698	1,208
Filipinos <sup>1</sup> .....	2,655	4,200	2,675	1,843	843	722	429	74
Military.....	16,545	1,168	2,456	2,067	975	1,585	1,575	13,745
Other.....	1,054	1,118	1,318	1,850	1,114	641	468	661

<sup>1</sup> With U. S. residence commencing prior to May 1, 1934.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*.

# No. 117.—ALIENS NATURALIZED AND PETITIONS FILED, BY MILITARY OR CIVILIAN STATUS: 1907 TO 1954

[For years ending June 30. No national data compiled prior to fiscal year 1907. See also *Historical Statistics*, series B 337-339]

PERIOD OR YEAR	Declara- tions filed <sup>1</sup>	PETITIONS FILED <sup>2</sup>			ALIENS NATURALIZED <sup>3</sup>		
		Total	Civilian	Military	Total	Civilian	Military
<b>Total, 1907-1954</b> -----	8, 447, 624	7, 389, 446	( <sup>4</sup> )	( <sup>4</sup> )	6, 872, 640	6, 384, 564	488, 076
1907-1910, <sup>5</sup> total-----	526, 322	164, 036	164, 036	-----	111, 738	111, 738	-----
1911-1915, total-----	1, 004, 539	496, 655	496, 655	-----	406, 547	406, 547	-----
1916-1920, total-----	1, 682, 370	884, 729	640, 429	244, 300	722, 425	478, 125	244, 300
1921-1925, total-----	1, 575, 809	862, 715	818, 332	44, 383	799, 790	755, 407	44, 383
1926-1930, total-----	1, 133, 205	1, 021, 562	1, 008, 741	12, 821	973, 395	961, 572	11, 823
1931-1935, total-----	535, 266	637, 668	629, 798	7, 870	626, 072	619, 049	7, 023
1936-1940, total-----	834, 213	999, 445	982, 613	16, 832	892, 392	879, 524	12, 868
1941-1945, total-----	635, 146	<sup>6</sup> 1,520,053	1, 407, 062	<sup>6</sup> 112, 991	<sup>6</sup> 1,539,972	1, 427, 441	<sup>6</sup> 112, 531
1946-1950, total-----	285, 138	<sup>6</sup> 418, 013	( <sup>4</sup> )	( <sup>4</sup> )	<sup>6</sup> 447, 056	409, 788	<sup>6</sup> 37, 268
1941-----	224, 123	277, 807	277, 807	-----	277, 294	275, 747	1, 547
1942-----	221, 796	343, 487	341, 979	1, 508	270, 364	268, 762	1, 602
1943-----	115, 664	<sup>6</sup> 377, 125	338, 885	<sup>6</sup> 38, 240	<sup>6</sup> 318, 933	281, 459	<sup>6</sup> 37, 474
1944-----	42, 368	<sup>6</sup> 325, 717	275, 486	<sup>6</sup> 50, 231	<sup>6</sup> 441, 979	392, 766	<sup>6</sup> 49, 213
1945-----	31, 195	<sup>6</sup> 195, 917	172, 905	<sup>6</sup> 23, 012	<sup>6</sup> 231, 402	208, 707	<sup>6</sup> 22, 695
1946-----	28, 787	<sup>6</sup> 123, 864	110, 071	<sup>6</sup> 13, 793	<sup>6</sup> 150, 062	134, 849	<sup>6</sup> 15, 213
1947-----	37, 771	<sup>6</sup> 88, 802	70, 767	<sup>6</sup> 18, 035	<sup>6</sup> 93, 904	77, 442	<sup>6</sup> 16, 462
1948-----	60, 187	68, 265	( <sup>4</sup> )	( <sup>4</sup> )	70, 150	69, 080	1, 070
1949-----	64, 866	71, 044	( <sup>4</sup> )	( <sup>4</sup> )	66, 594	64, 138	2, 456
1950-----	93, 527	66, 038	( <sup>4</sup> )	( <sup>4</sup> )	66, 346	64, 279	2, 067
1951-----	91, 497	61, 634	( <sup>4</sup> )	( <sup>4</sup> )	54, 716	53, 741	975
1952-----	111, 461	94, 086	( <sup>4</sup> )	( <sup>4</sup> )	88, 655	87, 070	1, 585
1953-----	23, 558	98, 128	( <sup>4</sup> )	( <sup>4</sup> )	92, 051	90, 476	1, 575
1954-----	9, 100	<sup>6</sup> 130, 722	( <sup>4</sup> )	( <sup>4</sup> )	<sup>6</sup> 117, 831	104, 086	<sup>6</sup> 13, 745

<sup>1</sup> Declaration of intention to become citizen.

<sup>2</sup> Petition for naturalization.

<sup>3</sup> Certificates of naturalization issued.

<sup>4</sup> Not available.

<sup>5</sup> Beginning Sept. 27, 1906.

<sup>6</sup> Includes 1,425 in 1943, 6,496 in 1944, 5,666 in 1945, 2,054 in 1946, 5,370 in 1947, and 2,981 in 1954 in various theaters of war or areas occupied by American forces. No provision for naturalization in these areas for 1947-1953.

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.

## No. 118.—ALIENS NATURALIZED, BY AGE AND SEX: 1947 TO 1954

[For years ending June 30. See also *Historical Statistics*, series B 339-341]

AGE AND SEX	1947	1948	1949	1950	1951	1952	1953	1954
<b>Both sexes</b> -----	93, 904	70, 150	66, 594	66, 346	54, 716	88, 655	92, 051	117, 831
Under 21 years-----	544	476	987	1, 003	726	1, 052	1, 206	3, 787
21 to 25 years-----	5, 495	2, 970	6, 297	7, 742	6, 238	9, 785	8, 927	14, 810
26 to 35 years-----	13, 848	7, 914	10, 960	13, 925	13, 046	23, 629	25, 898	27, 859
36 to 45 years-----	25, 296	18, 980	16, 271	14, 679	11, 606	17, 491	18, 382	18, 726
46 to 55 years-----	24, 668	20, 651	17, 020	15, 176	12, 253	18, 880	18, 658	23, 234
56 to 65 years-----	16, 948	13, 655	10, 914	10, 071	7, 745	12, 655	13, 450	19, 637
66 years and over-----	7, 105	5, 504	4, 145	3, 750	3, 102	5, 163	5, 530	9, 778
<b>Male</b> -----	52, 998	33, 147	27, 865	25, 745	18, 711	28, 597	34, 657	54, 477
Under 21 years-----	406	257	433	371	282	405	496	2, 343
21 to 25 years-----	3, 032	711	1, 239	1, 732	1, 019	1, 890	2, 804	10, 133
26 to 35 years-----	8, 214	2, 663	3, 630	4, 401	3, 345	6, 199	8, 884	11, 917
36 to 45 years-----	14, 610	9, 297	7, 511	6, 399	4, 390	6, 424	7, 736	8, 095
46 to 55 years-----	13, 627	10, 214	7, 759	6, 485	5, 060	6, 852	7, 263	9, 423
56 to 65 years-----	9, 246	7, 079	5, 157	4, 523	3, 135	4, 636	5, 113	7, 707
66 years and over-----	3, 863	2, 926	2, 136	1, 834	1, 480	2, 191	2, 361	4, 859
<b>Female</b> -----	40, 906	37, 003	38, 729	40, 601	36, 005	60, 058	57, 394	63, 354
Under 21 years-----	138	219	554	632	444	647	710	1, 444
21 to 25 years-----	2, 463	2, 259	5, 058	6, 010	5, 219	7, 895	6, 123	4, 677
26 to 35 years-----	5, 634	5, 251	7, 330	9, 524	9, 701	17, 430	17, 014	15, 942
36 to 45 years-----	10, 686	9, 683	8, 760	8, 280	7, 216	11, 067	10, 646	10, 631
46 to 55 years-----	11, 041	10, 437	9, 261	8, 691	7, 193	12, 028	11, 395	13, 811
56 to 65 years-----	7, 702	6, 576	5, 757	5, 548	4, 610	8, 019	8, 337	11, 930
66 years and over-----	3, 242	2, 578	2, 009	1, 916	1, 622	2, 972	3, 169	4, 919

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.



## IMMIGRATION, EMIGRATION, AND NATURALIZATION

No. 119.—ALIENS NATURALIZED, BY STATES AND OTHER AREAS OF RESIDENCE:  
1951 TO 1954

[For years ending June 30]

STATE OF RESIDENCE	1951	1952	1953	1954	STATE OF RESIDENCE	1951	1952	1953	1954
<b>Total</b> .....	<b>54,716</b>	<b>88,655</b>	<b>92,051</b>	<b>117,831</b>	New Hampshire.....	252	431	554	650
Alabama.....	126	231	197	299	New Jersey.....	2,700	4,131	4,143	5,436
Arizona.....	283	387	537	793	New Mexico.....	134	164	215	229
Arkansas.....	52	108	94	124	New York.....	17,990	27,120	29,780	31,118
California.....	7,879	12,258	12,728	15,533	North Carolina.....	210	359	292	787
Colorado.....	381	533	492	1,170	North Dakota.....	138	108	148	231
Connecticut.....	1,093	2,864	2,941	3,446	Ohio.....	1,386	2,855	2,611	2,972
Delaware.....	59	178	102	201	Oklahoma.....	234	305	208	268
Dist. of Columbia.....	371	615	497	884	Oregon.....	278	601	431	842
Florida.....	1,276	1,524	1,757	2,844	Pennsylvania.....	2,312	4,028	4,461	4,657
Georgia.....	126	553	374	407	Rhode Island.....	419	707	699	958
Idaho.....	93	156	147	274	South Carolina.....	74	134	147	170
Illinois.....	2,201	2,942	4,236	6,395	South Dakota.....	73	91	88	216
Indiana.....	403	1,048	848	1,016	Tennessee.....	105	222	282	202
Iowa.....	257	445	379	511	Texas.....	1,192	1,989	1,641	2,452
Kansas.....	265	340	348	334	Utah.....	81	162	207	612
Kentucky.....	107	290	235	461	Vermont.....	224	258	301	419
Louisiana.....	270	411	582	498	Virginia.....	456	712	770	827
Maine.....	591	737	802	1,093	Washington.....	1,032	1,755	1,724	3,000
Maryland.....	558	949	975	2,016	West Virginia.....	112	244	197	268
Massachusetts.....	3,436	6,593	5,768	8,054	Wisconsin.....	515	796	883	981
Michigan.....	2,763	5,288	4,848	7,368	Wyoming.....	58	80	56	120
Minnesota.....	545	722	829	959	Territories, etc.:.....				
Mississippi.....	86	111	118	189	Alaska.....	78	104	206	360
Missouri.....	451	726	551	643	Hawaii.....	512	526	760	3,143
Montana.....	136	236	194	416	Puerto Rico.....	57	78	108	163
Nebraska.....	170	253	232	416	Virgin Islands.....	36	35	67	150
Nevada.....	55	106	124	175	All other.....	25	56	137	81

Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.No. 120.—ALIENS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE: 1951  
TO 1954[For years ending June 30. See also *Historical Statistics*, series B 339, B 342-349]

NATIONALITY	1951	1952	1953	1954	NATIONALITY	1951	1952	1953	1954
<b>All countries</b> .....	<b>54,716</b>	<b>88,655</b>	<b>92,051</b>	<b>117,831</b>	<b>Europe—Continued</b>				
<b>Europe</b> .....	<b>40,921</b>	<b>68,373</b>	<b>68,861</b>	<b>83,298</b>	Spain.....	428	579	565	815
Albania.....	42	98	99	147	Sweden.....	627	882	930	1,272
Austria.....	1,154	2,183	2,075	2,191	Switzerland.....	299	415	539	669
Belgium.....	563	694	657	772	Turkey.....	274	348	379	467
British Empire <sup>1</sup> .....	10,867	14,993	13,345	16,565	U. S. S. R. (Russia).....	1,830	2,851	2,684	3,832
Bulgaria.....	46	80	80	99	Yugoslavia.....	515	944	925	1,241
Czechoslovakia.....	953	2,091	2,376	2,969	Other Europe.....	111	165	178	195
Denmark.....	355	544	603	791	<b>Asia</b> .....	<b>2,886</b>	<b>3,749</b>	<b>4,966</b>	<b>12,170</b>
Estonia.....	101	162	175	335	China.....	714	933	1,056	1,880
Finland.....	334	522	468	523	Israel.....	59	128	177	177
France.....	1,641	2,043	2,029	2,177	Lebanon.....	135	204	194	282
Germany.....	5,439	13,538	12,997	11,679	Syria.....	119	160	172	214
Greece.....	1,313	1,707	1,830	2,594	Philippine Islands.....	1,595	1,813	2,040	1,863
Hungary.....	703	1,319	1,340	1,719	Other Asia.....	264	511	1,327	7,754
Ireland.....	1,308	2,180	2,871	5,324	<b>North America</b> .....	<b>8,727</b>	<b>13,442</b>	<b>14,184</b>	<b>18,510</b>
Italy.....	5,975	9,720	9,752	10,926	Canada.....	5,872	10,004	10,303	13,062
Latvia.....	127	263	327	556	Mexico.....	1,969	2,496	2,728	3,710
Lithuania.....	320	591	703	1,264	West Indies.....	886	942	1,153	1,738
Netherlands.....	680	987	1,187	1,979	<b>Central America</b> .....	<b>552</b>	<b>602</b>	<b>731</b>	<b>941</b>
Norway.....	660	855	965	1,426	South America.....	420	508	569	821
Poland.....	3,100	5,858	6,963	8,542	Australia.....	223	311	428	394
Portugal.....	703	1,186	1,195	1,457	Other countries <sup>2</sup> .....	987	1,670	2,312	1,697
Rumania.....	453	575	624	772					

<sup>1</sup> Represents United Kingdom and British colonies and dependencies.<sup>2</sup> Includes 916 in 1951, 1,561 in 1952, 2,090 in 1953, and 1,383 in 1954 who were stateless.Source: Department of Justice, Immigration and Naturalization Service; *Annual Report*, releases.



## 4. Education

Statistics in this section relate to the level, extent, personnel, and finances of formal education in the United States. The principal sources of these data are the Decennial Census of Population (see text, p. 1) and the Biennial Survey of Education conducted by the U. S. Office of Education. Other statistical studies of the U. S. Office of Education, publications of the National Education Association, annual or biennial reports of the individual State agencies which have jurisdiction over education, and the Current Population Survey conducted by the Bureau of the Census (see text, p. 2) are the additional regular sources of data in the field of education.

State laws vary concerning the compulsory school attendance of children. However, most State laws require that formal schooling begin at 7 years of age and extend until 16 years of age.

Data on school enrollment are available from the Decennial Census of Population for 1920, 1930, 1940, and 1950 and on educational attainment from the same source for 1940 and 1950. The Current Population Survey of the Bureau of the Census has reported on school enrollment annually beginning in 1945, and on educational attainment and illiteracy for 1947 and 1952. The reports of the Biennial Survey of Education include a greater variety of school information presented in much detail for each school level (kindergarten, elementary, secondary, and college). The Office of Education also issues annually the *Digest of Annual Reports of State Boards for Vocational Education*.

Working through national committees since 1910, the Office of Education in cooperation with State educational departments, has brought about a considerable degree of uniformity in recording and reporting school statistics. A similar movement has been progressing since 1930 regarding institutions of higher education, with the Office of Education serving as a clearing house for uniform procedures in records and reports.

**Student statistics.**—Student enrollment and attainment statistics, particularly those of the Bureau of the Census, are based on attendance or enrollment in any school (or college) within a given period, and the last full grade completed by a student. A school as defined in this respect by the Bureau of the Census is any public, private, or parochial school, college or university, but excludes nursery schools or, generally, vocational, trade, business, or correspondence schools; kindergartens were also excluded until October 1950.

**Median year of school completed.**—The median year of school completed is defined as the year which divides the population into equal parts—one-half completing more, the other half completing less schooling than the median. In the presentation of median year of school completed, the completion of the first year of high school is uniformly indicated by 9 and of the first year of college by 13, although some areas have only 7 years of elementary school.

**School statistics.**—The school data shown here from the Biennial Survey of Education are reasonably complete for the types of education covered, but do not include figures for private schools of art, music, drama, etc., for private, commercial, trade, and vocational schools, or private correspondence schools.

The comparability of elementary school or high school data over a period of years was invalidated by the introduction of the junior high school which includes the 7th and 8th grades of the traditional elementary school and the 9th grade of regular high school. A comparable time series utilizing these data is possible only on the strict basis of grade enrollment, 8 grades as elementary and 4 grades as secondary.

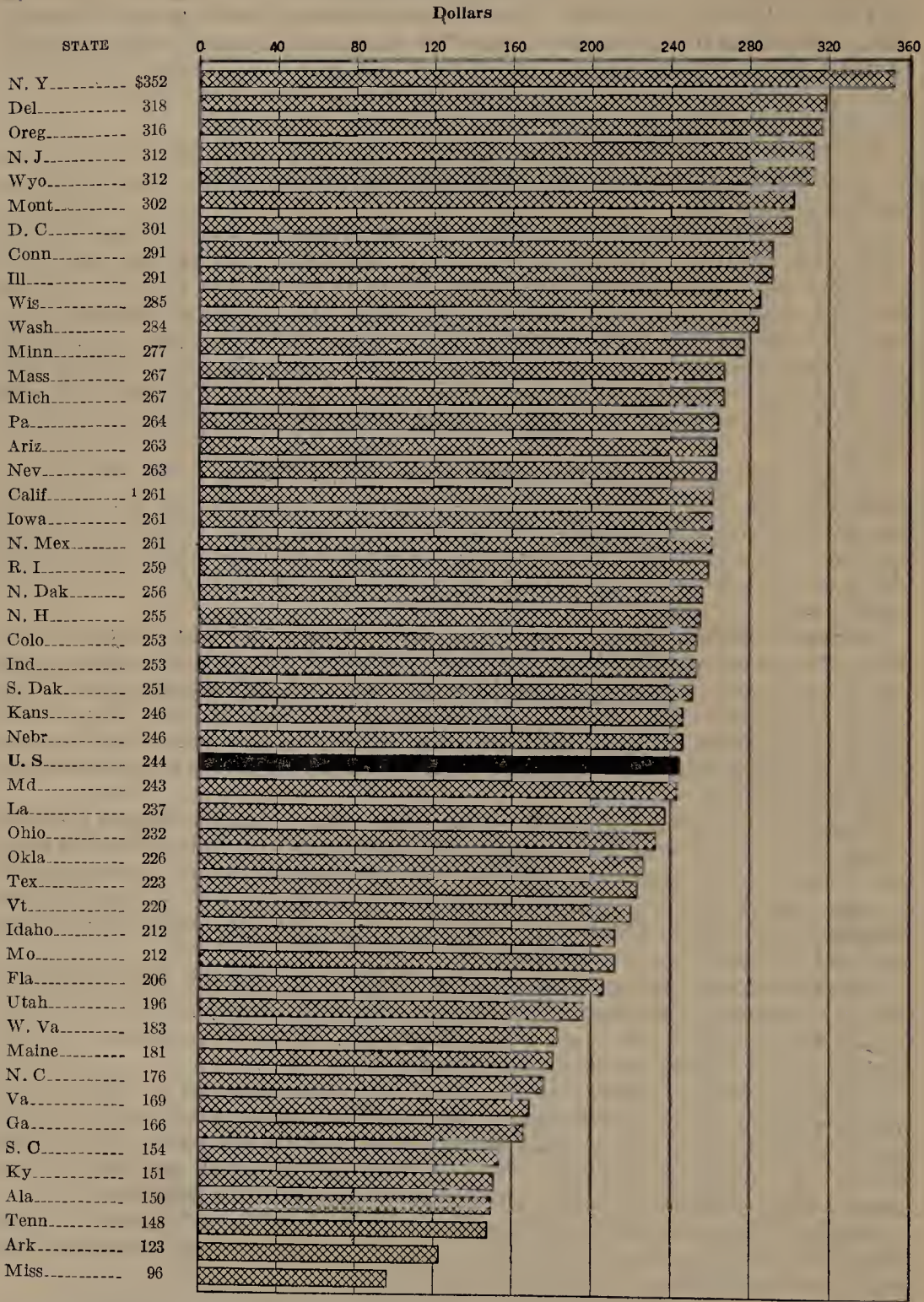
Office of Education data in this section relate to school terms or academic years; except as noted, the year shown refers to the period beginning in September of the prior year and extending to June of the year indicated.

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Note.—This section presents data for the most recent year or period available on February 15, 1955, when the material was organized and sent to the printer.

FIG. XI.—AVERAGE CURRENT EXPENDITURE PER PUPIL IN AVERAGE DAILY ATTENDANCE FOR PUBLIC ELEMENTARY AND SECONDARY DAY SCHOOLS: 1952

[See table 135]



<sup>1</sup> Computed amount furnished by State to the Office of Education.  
Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Health, Education, and Welfare, Office of Education.



No. 121.—SCHOOL ENROLLMENT BY SINGLE YEARS OF AGE FROM 5 TO 20, BY SEX:  
1920 TO 1950

[Statistics for 1940 and 1950 are based on attendance at or enrollment in any regular school or college, including night schools, extension schools, or vocational schools, if part of regular school system. Excludes correspondence schools. In the 2 prior censuses, school enrollment question not restricted as to type of school or college. In 1950, question referred to period between Feb. 1 and Apr. 1, 1950; in 1940, to period between Mar. 1, and Apr. 1, 1940; in 1930, to period between Sept. 1, 1929, and Apr. 1, 1930; and in 1920, to period between preceding Sept. 1 and Jan. 1. Figures for 1950 based on 20-percent sample]

AGE AND SEX	1920		1930		1940		1950	
	Number	Percent of population	Number	Percent of population	Number	Percent of population	Number	Percent of population
<b>TOTAL</b>								
5 to 20 years old.....	21,373,976	64.3	26,849,639	69.9	26,293,224	70.8	27,088,055	72.7
5 years old.....	441,411	18.8	500,734	20.0	385,160	18.0	<sup>1</sup> 284,625	10.5
6 years old.....	1,480,714	63.3	1,667,486	66.3	1,420,051	69.1	<sup>1</sup> 1,874,620	67.6
7 years old.....	1,905,404	83.3	2,207,331	89.4	1,935,819	92.4	2,670,295	94.4
8 years old.....	2,010,894	88.5	2,451,048	94.1	2,089,528	94.8	2,448,490	95.6
9 years old.....	1,944,314	90.4	2,401,356	95.6	2,093,679	95.6	2,257,985	96.1
10 years old.....	2,077,965	93.0	2,427,254	97.1	2,209,240	95.7	2,228,955	96.0
11 years old.....	1,970,255	93.9	2,260,735	97.5	2,125,664	95.9	2,145,630	96.3
12 years old.....	2,082,749	93.2	2,408,623	97.1	2,315,270	95.5	2,204,840	95.9
13 years old.....	1,877,429	92.5	2,242,053	96.5	2,265,495	94.8	2,099,085	95.9
14 years old.....	1,766,784	86.3	2,212,825	92.9	2,224,670	92.5	2,025,730	94.8
15 years old.....	1,357,345	72.9	1,943,553	84.7	2,122,995	87.6	1,945,790	91.4
16 years old.....	1,001,701	50.8	1,569,839	66.3	1,897,179	76.2	1,682,200	80.9
17 years old.....	642,360	34.6	1,100,018	47.9	1,464,027	60.9	1,426,930	68.2
18 years old.....	413,619	21.7	723,524	30.7	940,105	36.4	867,695	39.8
19 years old.....	252,680	13.8	441,814	19.8	509,380	20.9	533,025	24.7
20 years old.....	148,352	8.3	291,446	13.1	294,962	12.5	392,160	17.9
<b>MALE</b>								
5 to 20 years old.....	10,663,547	64.1	13,521,768	70.2	13,313,771	71.2	13,793,135	73.4
5 years old.....	217,446	18.3	247,739	19.5	190,842	17.5	<sup>1</sup> 140,735	10.2
6 years old.....	739,300	62.8	832,088	65.5	710,525	68.2	<sup>1</sup> 944,440	66.9
7 years old.....	959,128	83.1	1,111,729	89.0	975,904	92.2	1,354,195	94.2
8 years old.....	1,011,506	88.3	1,234,410	94.0	1,057,382	94.7	1,243,590	95.6
9 years old.....	982,227	90.3	1,217,161	95.4	1,062,888	95.5	1,146,275	96.0
10 years old.....	1,048,389	92.9	1,226,457	96.9	1,121,202	95.6	1,131,075	95.9
11 years old.....	989,744	93.8	1,136,412	97.4	1,071,248	95.8	1,090,870	96.1
12 years old.....	1,052,583	93.0	1,222,203	96.9	1,176,278	95.3	1,119,490	95.6
13 years old.....	941,325	92.4	1,126,382	96.4	1,142,178	94.6	1,064,170	95.7
14 years old.....	890,571	86.2	1,120,653	92.9	1,122,703	92.2	1,031,890	94.7
15 years old.....	665,948	71.9	979,070	84.8	1,067,177	87.3	986,610	91.5
16 years old.....	470,433	48.2	777,585	65.8	945,009	75.7	849,510	80.6
17 years old.....	297,100	32.1	544,739	47.1	734,581	60.5	716,155	67.9
18 years old.....	192,481	20.5	359,527	31.1	488,650	38.1	458,380	42.4
19 years old.....	127,011	14.0	229,899	20.8	281,123	23.2	292,600	27.8
20 years old.....	78,355	9.3	155,714	14.6	166,081	14.4	223,150	21.2
<b>FEMALE</b>								
5 to 20 years old.....	10,710,429	64.5	13,327,871	69.7	12,979,453	70.4	13,294,920	72.0
5 years old.....	223,965	19.3	252,995	20.5	194,318	18.4	<sup>1</sup> 143,890	10.8
6 years old.....	741,414	63.9	835,398	67.1	709,526	70.1	<sup>1</sup> 930,180	68.2
7 years old.....	946,276	83.5	1,095,602	89.7	959,915	92.7	1,316,100	94.5
8 years old.....	999,388	88.6	1,216,638	94.3	1,032,146	95.0	1,204,900	95.7
9 years old.....	962,087	90.5	1,184,195	95.7	1,030,791	95.7	1,111,710	96.2
10 years old.....	1,029,576	93.2	1,200,797	97.2	1,088,038	95.8	1,097,880	96.2
11 years old.....	980,511	94.1	1,124,323	97.6	1,054,416	96.0	1,054,760	96.4
12 years old.....	1,030,166	93.4	1,186,420	97.3	1,138,992	95.7	1,085,350	96.3
13 years old.....	936,104	92.7	1,115,671	96.7	1,123,317	95.1	1,034,915	96.0
14 years old.....	876,213	86.5	1,092,172	92.9	1,101,967	92.8	993,840	94.9
15 years old.....	691,397	73.9	964,483	84.5	1,055,818	88.0	959,180	91.2
16 years old.....	531,268	53.3	792,254	66.8	952,170	76.8	832,690	81.1
17 years old.....	345,260	37.2	555,279	48.8	729,446	61.3	710,775	68.4
18 years old.....	221,138	22.8	363,997	30.3	451,455	34.7	409,315	37.2
19 years old.....	125,669	13.6	211,915	18.8	228,257	18.7	240,425	21.8
20 years old.....	69,997	7.5	135,732	11.7	128,881	10.6	169,010	14.9

<sup>1</sup> Excludes kindergarten enrollment, largely included in earlier enrollment figures.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.



No. 122.—SCHOOL ENROLLMENT, BY AGE AND SEX: OCTOBER 1950, 1953, AND 1954

[Data relate to civilian noninstitutional population and are based on Current Population Survey; see Sampling Note and Technical Note, p. 183. Figures on persons 5 and 6 years old enrolled in school include children enrolled in kindergarten]

YEAR AND AGE	TOTAL			MALE			FEMALE		
	Popu- lation	Enrolled		Popu- lation	Enrolled		Popu- lation	Enrolled	
		Number	Per- cent		Number	Per- cent		Number	Per- cent
1950									
Total, 5 to 29.....	57,260,000	30,176,000	52.7	27,946,000	15,755,000	56.4	29,314,000	14,421,000	49.2
5 years.....	2,726,000	1,410,000	51.7	1,390,000	717,000	51.6	1,336,000	693,000	51.9
6 years.....	2,731,000	2,649,000	97.0	1,390,000	1,336,000	96.1	1,341,000	1,313,000	97.9
7 to 9 years.....	7,891,000	7,803,000	98.9	4,012,000	3,963,000	98.8	3,879,000	3,840,000	99.0
10 to 13 years.....	8,982,000	8,852,000	98.6	4,565,000	4,506,000	98.7	4,417,000	4,346,000	98.4
14 to 17 years.....	8,351,000	6,953,000	83.3	4,200,000	3,541,000	84.3	4,151,000	3,412,000	82.2
18 and 19 years.....	4,041,000	1,190,000	29.4	1,893,000	667,000	35.2	2,148,000	523,000	24.3
20 to 24 years.....	10,677,000	959,000	9.0	4,873,000	692,000	14.2	5,804,000	267,000	4.6
25 to 29 years.....	11,861,000	358,000	3.0	5,623,000	332,000	5.9	6,238,000	26,000	0.4
1953									
Total, 5 to 34.....	70,614,000	34,450,000	48.9	33,803,000	17,822,000	52.7	36,812,000	16,628,000	45.2
5 to 29 years.....	58,797,000	34,250,000	58.3	28,228,000	17,709,000	62.7	30,569,000	16,541,000	54.1
5 years.....	3,521,000	2,056,000	58.4	1,799,000	1,037,000	57.6	1,721,000	1,019,000	59.2
6 years.....	3,723,000	3,636,000	97.7	1,903,000	1,846,000	97.0	1,819,000	1,790,000	98.4
7 to 9 years.....	8,457,000	8,407,000	99.4	4,311,000	4,281,000	99.3	4,147,000	4,126,000	99.5
10 to 13 years.....	10,184,000	10,118,000	99.4	5,173,000	5,124,000	99.1	5,011,000	4,994,000	99.7
14 to 17 years.....	8,775,000	7,538,000	85.9	4,429,000	3,844,000	86.8	4,347,000	3,695,000	85.0
18 and 19 years.....	3,785,000	1,180,000	31.2	1,705,000	642,000	37.7	2,081,000	538,000	25.9
20 to 24 years.....	8,870,000	981,000	11.1	3,430,000	636,000	18.5	5,440,000	346,000	6.4
25 to 29 years.....	11,482,000	334,000	2.9	5,479,000	301,000	5.5	6,003,000	33,000	0.5
30 to 34 years.....	11,817,000	200,000	1.7	5,574,000	113,000	2.0	6,242,000	87,000	1.4
1954									
Total, 5 to 34.....	72,159,000	36,083,000	50.0	34,730,000	18,759,000	54.0	37,429,000	17,324,000	46.3
5 to 29 years.....	60,179,000	35,906,000	59.7	29,010,000	18,650,000	64.3	31,169,000	17,256,000	55.4
5 years.....	3,522,000	2,032,000	57.7	1,799,000	1,013,000	56.3	1,723,000	1,019,000	59.1
6 years.....	3,522,000	3,411,000	96.8	1,799,000	1,733,000	96.3	1,722,000	1,678,000	97.4
7 to 9 years.....	9,453,000	9,379,000	99.2	4,827,000	4,777,000	99.0	4,626,000	4,602,000	99.5
10 to 13 years.....	10,621,000	10,573,000	99.5	5,396,000	5,361,000	99.4	5,226,000	5,211,000	99.7
14 to 17 years.....	8,936,000	7,784,000	87.1	4,510,000	4,002,000	88.7	4,426,000	3,782,000	85.4
18 and 19 years.....	3,918,000	1,268,000	32.4	1,800,000	730,000	40.6	2,118,000	538,000	25.4
20 to 24 years.....	8,895,000	999,000	11.2	3,538,000	677,000	19.1	5,357,000	322,000	6.0
25 to 29 years.....	11,312,000	459,000	4.1	5,340,000	356,000	6.7	5,971,000	103,000	1.7
30 to 34 years.....	11,980,000	176,000	1.5	5,720,000	109,000	1.9	6,260,000	68,000	1.1

No. 123.—PERCENT OF POPULATION ENROLLED IN SCHOOL, BY AGE, COLOR, AND SEX: OCTOBER 1954

[See headnote, table 122]

AGE	TOTAL		MALE		FEMALE	
	White	Nonwhite	White	Nonwhite	White	Nonwhite
Total, 5 to 34 years.....	50.2	48.6	54.3	52.0	46.4	45.6
5 and 6 years.....	78.6	68.8	78.0	64.7	79.1	73.0
7 to 13 years.....	99.6	98.0	99.4	97.5	99.8	98.6
14 to 17 years.....	88.3	78.8	89.6	82.8	87.0	74.7
18 and 19 years.....	33.6	24.0	43.3	21.6	25.3	25.7
20 to 24 years.....	12.0	5.8	20.5	10.1	6.4	2.9
25 to 29 years.....	4.0	4.8	6.5	7.9	1.7	2.3
30 to 34 years.....	1.5	1.4	1.9	1.9	1.1	0.9

Source of tables 122 and 123: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 54.

**No. 124.—PERCENT DISTRIBUTION BY TYPE OF SCHOOL, OF PERSONS ENROLLED IN SCHOOL, BY AGE, COLOR, AND SEX: OCTOBER 1954**

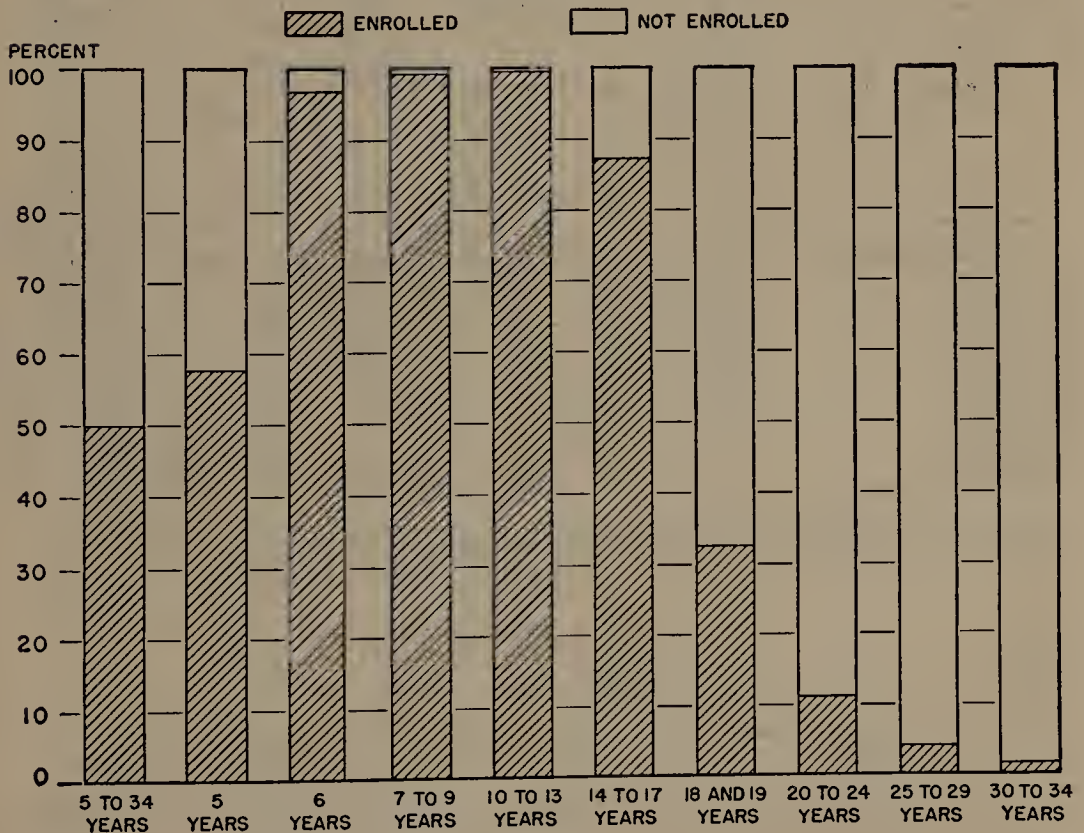
[Percent not shown where base is less than 200,000. See headnote, table 122]

AGE AND SEX	WHITE				NONWHITE			
	Total enrolled	Elementary school or kindergarten	High school	College or professional school	Total enrolled	Elementary school or kindergarten	High school	College or professional school
<b>Total, 5 to 34 years</b>	100.0	71.1	21.9	7.1	100.0	78.0	18.2	3.8
5 to 13 years	100.0	98.1	1.9		100.0	98.3	1.7	
14 to 17 years	100.0	10.5	87.5	2.0	100.0	31.0	67.8	1.2
18 to 24 years	100.0	.3	22.6	77.0				
25 to 34 years	100.0	.4	8.6	91.1				
<b>Male, 5 to 34 years</b>	100.0	70.1	21.0	8.9	100.0	77.1	18.5	4.4
5 to 13 years	100.0	98.5	1.5		100.0	98.0	1.9	
14 to 17 years	100.0	12.6	85.5	2.0	100.0	34.2	65.0	1.1
18 to 24 years	100.0	.4	21.5	78.1				
25 to 34 years	100.0		4.2	95.8				
<b>Female, 5 to 34 years</b>	100.0	72.2	22.8	5.0	100.0	79.0	17.9	3.2
5 to 13 years	100.0	97.7	2.3		100.0	98.6	1.4	
14 to 17 years	100.0	8.3	89.6	2.1	100.0	27.6	71.0	1.6
18 to 24 years	100.0	.4	24.5	75.2				
25 to 34 years								

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 54.

**FIG. XII.—PERCENT OF POPULATION ENROLLED IN SCHOOL, BY AGE: 1954**

[See table 122]



Source: Department of Commerce, Bureau of the Census.

No. 125.—SCHOOL AND KINDERGARTEN ENROLLMENT BY AGE, URBAN AND RURAL:  
APRIL 1950

[In thousands. Based on 20-percent sample; see source for sampling variability]

AGE	UNITED STATES			URBAN			RURAL NONFARM			RURAL FARM		
	Popu- lation	Enrolled		Popu- lation	Enrolled		Popu- lation	Enrolled		Popu- lation	Enrolled	
		Num- ber	Per- cent		Num- ber	Per- cent		Num- ber	Per- cent		Num- ber	Per- cent
SCHOOL ENROLLMENT												
Total, 5 to 29.....	58,721	28,985	49.4	35,929	17,179	47.8	12,854	6,297	49.0	9,939	5,509	55.4
5 and 6 years <sup>1</sup> .....	5,503	2,160	39.3	3,156	1,298	41.1	1,302	480	36.9	1,045	382	36.6
7 to 13 years.....	16,802	16,077	95.7	9,363	9,002	96.1	3,922	3,745	95.5	3,517	3,330	94.7
14 and 15 years.....	4,268	3,964	92.9	2,333	2,211	94.8	964	887	92.1	971	865	89.1
16 and 17 years.....	4,175	3,104	74.4	2,334	1,839	78.8	924	649	70.2	916	616	67.2
18 and 19 years.....	4,344	1,401	32.2	2,686	980	36.5	933	238	25.6	725	182	25.1
20 to 24 years.....	11,440	1,481	12.9	7,680	1,216	15.8	2,353	188	8.0	1,407	77	5.5
25 to 29 years.....	12,189	798	6.5	8,375	632	7.6	2,457	109	4.4	1,357	57	4.2
KINDERGARTEN ENROLLMENT												
Total, 5 and 6 years.....	5,503	899	16.3	3,156	743	23.5	1,302	112	8.6	1,045	44	4.2

<sup>1</sup> Excludes those in kindergarten.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.

No. 126.—MEDIAN INCOME IN 1949, FOR MALES 14 YEARS OLD AND OVER WITH  
INCOME, BY AGE AND YEARS OF SCHOOL COMPLETED: APRIL 1950

[Based on 3½-percent sample; see source for sampling variability. Median not shown where base is less than 3,000]

AGE	Total <sup>1</sup>	YEARS OF SCHOOL COMPLETED							
		None	Elementary			High school		College	
			1 to 4 years	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
Total, 14 years and over.....	\$2,699	\$1,108	\$1,365	\$2,035	\$2,533	\$2,917	\$3,285	\$3,522	\$4,407
14 to 17 years.....	311	345	327	305	305	308	411	341	-----
18 and 19 years.....	721	485	543	703	881	727	767	461	-----
20 and 21 years.....	1,316	679	826	1,055	1,364	1,471	1,617	786	854
22 to 24 years.....	1,917	848	1,027	1,409	1,840	2,145	2,309	1,413	1,526
25 to 29 years.....	2,538	1,016	1,281	1,763	2,255	2,573	2,892	2,764	2,928
30 to 34 years.....	2,968	1,133	1,453	2,038	2,557	2,922	3,308	3,591	4,227
35 to 44 years.....	3,085	1,267	1,562	2,252	2,803	3,178	3,523	3,962	5,142
45 to 54 years.....	2,980	1,465	1,741	2,371	2,912	3,209	3,687	4,099	5,549
55 to 64 years.....	2,553	1,736	1,727	2,172	2,601	2,927	3,436	3,601	5,142
65 to 74 years.....	1,379	827	846	1,164	1,505	1,771	2,262	2,362	3,597
75 years and over.....	757	491	569	690	800	947	1,217	1,328	1,892

<sup>1</sup> Includes a small number for whom years of school completed was not reported.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. IV, Part 5B.



No. 127.—SCHOOL ENROLLMENT BY TYPE OF SCHOOL IN WHICH ENROLLED, BY AGE AND SEX: OCTOBER 1950 AND 1954

[Percent not shown where base is less than 200,000. See headnote, table 122]

YEAR, AGE, AND SEX	Total enrolled	TYPE OF SCHOOL					
		Elementary school and kindergarten		High school		College or profes- sional school	
		Number	Percent of total enrolled	Number	Percent of total enrolled	Number	Percent of total enrolled
OCTOBER 1950							
Total, 5 to 29 years.....	30,176,000	21,401,000	70.9	6,643,000	22.0	2,130,000	7.1
5 to 13 years.....	20,714,000	20,338,000	98.2	376,000	1.8		
14 to 17 years.....	6,953,000	1,049,000	15.1	5,725,000	82.3	180,000	2.6
18 and 19 years.....	1,190,000	10,000	0.8	451,000	37.9	728,000	61.2
20 to 24 years.....	959,000	2,000	0.2	58,000	6.0	899,000	93.7
25 to 29 years.....	358,000	2,000	0.6	33,000	9.2	323,000	90.2
Male, 5 to 29 years.....	15,755,000	10,998,000	69.8	3,328,000	21.1	1,428,000	9.1
5 to 13 years.....	10,522,000	10,361,000	98.5	161,000	1.5		
14 to 17 years.....	3,541,000	629,000	17.8	2,838,000	80.1	74,000	2.1
18 and 19 years.....	667,000	8,000	1.2	271,000	40.6	388,000	58.2
20 to 24 years.....	692,000			39,000	5.6	653,000	94.4
25 to 29 years.....	332,000			19,000	5.7	313,000	94.3
Female, 5 to 29 years.....	14,421,000	10,403,000	72.1	3,315,000	23.0	702,000	4.9
5 to 13 years.....	10,192,000	9,977,000	97.9	215,000	2.1		
14 to 17 years.....	3,412,000	420,000	12.3	2,887,000	84.6	106,000	3.1
18 and 19 years.....	523,000	2,000	0.4	180,000	34.4	340,000	65.0
20 to 24 years.....	267,000	2,000	0.7	19,000	7.1	246,000	92.1
25 to 29 years.....	26,000	2,000		14,000		10,000	
OCTOBER 1954							
Total, 5 to 34 years.....	36,083,000	25,936,000	71.9	7,733,000	21.4	2,414,000	6.7
5 to 29 years.....	35,906,000	25,936,000	72.2	7,712,000	21.5	2,258,000	6.3
5 to 13 years.....	25,396,000	24,918,000	98.1	478,000	1.9		
14 to 17 years.....	7,784,000	999,000	12.8	6,634,000	85.2	151,000	1.9
18 and 19 years.....	1,268,000	4,000	0.3	506,000	39.9	758,000	59.8
20 to 24 years.....	999,000	13,000	1.3	63,000	6.3	924,000	92.5
25 to 29 years.....	459,000	2,000	0.4	31,000	6.8	425,000	92.6
30 to 34 years.....	176,000			21,000		155,000	
Male, 5 to 34 years.....	18,759,000	13,293,000	70.9	3,886,000	20.7	1,580,000	8.4
5 to 29 years.....	18,650,000	13,293,000	71.3	3,880,000	20.8	1,480,000	7.9
5 to 13 years.....	12,885,000	12,679,000	98.4	206,000	1.6		
14 to 17 years.....	4,002,000	605,000	15.1	3,324,000	83.1	74,000	1.8
18 and 19 years.....	730,000	4,000	0.5	294,000	40.3	433,000	59.3
20 to 24 years.....	677,000	5,000	0.7	41,000	6.1	632,000	93.4
25 to 29 years.....	356,000			15,000	4.2	341,000	95.8
30 to 34 years.....	109,000			7,000		101,000	
Female, 5 to 34 years.....	17,324,000	12,644,000	73.0	3,847,000	22.2	833,000	4.8
5 to 29 years.....	17,256,000	12,644,000	73.3	3,833,000	22.2	779,000	4.5
5 to 13 years.....	12,511,000	12,239,000	97.8	272,000	2.2		
14 to 17 years.....	3,782,000	394,000	10.4	3,310,000	87.5	77,000	2.0
18 and 19 years.....	538,000			212,000	39.4	326,000	60.6
20 to 24 years.....	322,000	8,000	2.5	22,000	6.8	292,000	90.7
25 to 29 years.....	103,000	2,000		17,000		84,000	
30 to 34 years.....	68,000			14,000		54,000	

No. 128.—SCHOOL ENROLLMENT, IN PUBLIC AND PRIVATE SCHOOLS, OF PERSONS 5 TO 34 YEARS OLD: OCTOBER 1954

[Kindergarten enrollment tabulated only for persons 5 and 6 years old. See headnote, table 122]

TYPE	NUMBER ENROLLED				PERCENT ENROLLED			
	Kinder- garten	Elemen- tary school	High school	College or profes- sional school	Kinder- garten	Elemen- tary school	High school	College or profes- sional school
<b>Total</b> .....	1,509,000	24,427,000	7,733,000	2,414,000	100.0	100.0	100.0	100.0
Public.....	1,235,000	21,416,000	7,053,000	1,441,000	81.8	87.7	91.2	59.7
Private.....	274,000	3,011,000	679,000	973,000	18.2	12.3	8.8	40.3

Source of tables 127 and 128: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 54 and records.

**No. 129.—PERSONS 25 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED,  
BY AGE, COLOR, AND SEX: 1940 AND 1950**

[1950 statistics are estimates based on 20-percent sample; see source for sampling variability. Figures differ from corresponding items in table 130 because of different tabulations; see text, p. 1]

YEAR, AGE, AND SEX	Popula- tion <sup>1</sup>	YEARS OF SCHOOL COMPLETED							Median years of school com- pleted <sup>3</sup>
		Grade school			High school		College		
		Less than 5 years <sup>2</sup>	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	
APRIL 1940									
Total, 25 and over	74, 775, 836	10, 104, 612	13, 656, 146	20, 756, 918	11, 181, 995	10, 551, 680	4, 075, 184	3, 407, 331	8.6
Male	37, 463, 087	5, 550, 390	7, 007, 812	10, 631, 478	5, 332, 803	4, 507, 244	1, 823, 981	2, 021, 228	8.6
Female	37, 312, 749	4, 554, 222	6, 648, 334	10, 125, 440	5, 849, 192	6, 044, 436	2, 251, 203	1, 386, 103	8.7
White, 25 and over	67, 999, 523	7, 322, 114	11, 662, 366	19, 966, 762	10, 603, 592	10, 255, 333	3, 948, 681	3, 319, 785	8.7
Male	34, 113, 972	4, 034, 706	6, 085, 911	10, 258, 382	5, 089, 656	4, 381, 386	1, 769, 814	1, 975, 295	8.7
Female	33, 885, 551	3, 287, 408	5, 576, 455	9, 708, 380	5, 513, 936	5, 873, 947	2, 178, 867	1, 344, 490	8.8
Nonwhite, 25 and over	6, 776, 313	2, 782, 498	1, 993, 780	790, 156	578, 403	296, 347	126, 503	87, 546	5.8
Male	3, 349, 115	1, 515, 684	921, 901	373, 096	243, 147	125, 858	54, 167	45, 933	5.4
Female	3, 427, 198	1, 266, 814	1, 071, 879	417, 060	335, 256	170, 489	72, 336	41, 613	6.1
APRIL 1950									
Total, 25 and over	87, 483, 480	9, 445, 870	13, 910, 700	17, 706, 275	14, 800, 555	17, 663, 545	6, 258, 775	5, 284, 580	9.3
25 to 29 years	12, 182, 455	554, 365	1, 132, 845	1, 327, 005	2, 606, 785	4, 164, 110	1, 221, 945	914, 165	12.1
30 to 34 years	11, 458, 940	573, 560	1, 245, 350	1, 596, 550	2, 448, 250	3, 517, 875	986, 715	834, 065	11.6
35 to 44 years	21, 239, 845	1, 478, 140	3, 103, 560	3, 976, 265	4, 254, 750	4, 690, 785	1, 709, 645	1, 512, 285	10.2
45 to 54 years	17, 172, 120	1, 910, 415	3, 153, 655	4, 152, 260	2, 714, 670	2, 582, 655	1, 162, 820	1, 012, 370	8.8
55 to 64 years	13, 173, 270	2, 232, 925	2, 676, 270	3, 409, 140	1, 633, 680	1, 529, 845	690, 955	592, 635	8.4
65 years and over	12, 256, 850	2, 696, 465	2, 599, 020	3, 245, 055	1, 142, 420	1, 178, 275	486, 695	419, 060	8.2
Male, 25 and over	42, 628, 350	5, 052, 975	6, 994, 125	8, 822, 375	6, 976, 480	7, 510, 770	2, 902, 820	3, 026, 825	9.0
25 to 29 years	5, 904, 975	309, 195	583, 200	687, 935	1, 263, 655	1, 719, 050	639, 915	550, 250	12.0
30 to 34 years	5, 562, 315	318, 530	620, 105	801, 495	1, 166, 730	1, 534, 390	487, 615	488, 185	11.4
35 to 44 years	10, 402, 195	818, 155	1, 566, 085	2, 019, 470	2, 046, 635	2, 046, 445	767, 895	849, 605	10.0
45 to 54 years	8, 484, 515	1, 004, 985	1, 602, 015	2, 130, 330	1, 300, 505	1, 104, 120	502, 685	566, 110	8.7
55 to 64 years	6, 540, 100	1, 189, 705	1, 363, 220	1, 703, 995	738, 770	665, 130	304, 165	339, 195	8.4
65 years and over	5, 734, 250	1, 412, 405	1, 259, 500	1, 479, 150	460, 185	441, 635	200, 645	233, 480	8.0
Female, 25 and over	44, 855, 130	4, 392, 895	6, 916, 575	8, 883, 900	7, 824, 075	10, 152, 775	3, 355, 955	2, 257, 755	9.6
25 to 29 years	6, 277, 480	245, 170	549, 645	639, 070	1, 343, 130	2, 445, 060	582, 030	363, 915	12.1
30 to 34 years	5, 896, 625	255, 030	625, 245	795, 055	1, 281, 520	1, 983, 485	499, 200	345, 880	11.8
35 to 44 years	10, 837, 650	659, 985	1, 537, 475	1, 956, 795	2, 208, 115	2, 644, 340	941, 750	662, 680	10.5
45 to 54 years	8, 687, 605	905, 430	1, 551, 640	2, 021, 930	1, 414, 165	1, 478, 535	660, 135	446, 260	8.9
55 to 64 years	6, 633, 170	1, 043, 220	1, 313, 050	1, 705, 145	894, 910	864, 715	386, 790	253, 440	8.5
65 years and over	6, 522, 600	1, 284, 060	1, 339, 520	1, 765, 905	682, 235	736, 640	286, 050	185, 580	8.3
White, 25 and over	79, 338, 785	6, 884, 250	11, 692, 065	16, 769, 940	13, 738, 320	17, 004, 570	6, 019, 935	5, 107, 960	9.7
Male	38, 683, 835	3, 659, 275	5, 970, 040	8, 396, 060	6, 518, 915	7, 226, 740	2, 792, 970	2, 946, 275	9.3
Female	40, 654, 950	3, 224, 975	5, 722, 025	8, 373, 880	7, 219, 405	9, 777, 830	3, 226, 965	2, 161, 685	10.0
Nonwhite, 25 and over	8, 144, 695	2, 561, 620	2, 218, 635	936, 335	1, 062, 235	658, 975	238, 840	176, 620	6.9
Male	3, 944, 515	1, 393, 700	1, 024, 085	426, 315	457, 565	284, 030	109, 850	80, 550	6.4
Female	4, 200, 180	1, 167, 920	1, 194, 550	510, 020	604, 670	374, 945	128, 990	96, 070	7.2

<sup>1</sup> Includes 1,041,970 persons for 1940 and 2,413,180 persons for 1950, not reported by years of school completed and not shown separately in this table.

<sup>2</sup> Includes persons reporting no school years completed.

<sup>3</sup> Medians computed on basis of more detailed years of school completed.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.



# **No. 130.—YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, BY STATES: 1950**

[Based on 20-percent sample; see source for sampling variability. These figures differ from corresponding figures in table 129 because of different tabulations; see text, p. 1]

DIVISION AND STATE	Total, 25 years old and over <sup>1</sup>	YEARS OF SCHOOL COMPLETED						
		Elementary school			High school		College	
		Under 5 years <sup>2</sup>	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
<b>United States</b>	87,570,575	9,454,820	13,961,900	17,741,510	14,857,660	17,678,930	6,261,635	5,284,445
<b>New England</b>	5,674,890	451,385	750,200	1,081,725	1,060,535	1,416,015	390,320	379,680
Maine	516,830	34,445	64,825	114,435	102,725	131,440	34,655	24,980
New Hampshire	316,380	19,995	40,385	78,180	55,160	72,435	23,325	18,890
Vermont	212,165	11,610	23,975	56,500	39,690	47,600	17,615	12,485
Massachusetts	2,901,005	228,685	369,680	465,415	560,170	788,420	207,725	208,470
Rhode Island	479,495	46,495	84,910	90,370	96,860	93,060	26,360	27,690
Connecticut	1,249,015	110,155	166,425	276,825	205,930	283,160	80,640	87,165
<b>Middle Atlantic</b>	18,773,800	1,766,750	2,749,250	4,219,850	3,174,395	3,997,830	1,026,090	1,240,630
New York	9,436,500	894,275	1,220,925	2,096,940	1,587,595	2,025,130	551,365	694,545
New Jersey	3,044,080	281,190	461,260	682,640	512,830	653,345	169,655	205,715
Pennsylvania	6,293,220	591,285	1,067,065	1,440,270	1,073,970	1,319,355	305,070	340,370
<b>East North Central</b>	18,102,385	1,320,185	2,424,000	4,490,630	3,187,255	3,980,815	1,250,340	1,010,680
Ohio	4,745,470	329,030	652,925	1,080,855	887,520	1,097,685	321,480	271,140
Indiana	2,289,225	151,125	311,785	583,475	395,005	537,560	146,010	119,505
Illinois	5,393,355	421,260	674,340	1,424,920	880,455	1,134,915	385,325	318,480
Michigan	3,667,840	275,640	491,865	802,015	754,150	801,750	251,680	193,885
Wisconsin	2,006,495	143,130	293,085	599,365	270,125	408,905	145,845	107,670
<b>West North Central</b>	8,243,460	508,515	1,074,275	2,412,210	1,184,450	1,740,640	673,545	432,505
Minnesota	1,725,015	100,140	222,790	535,015	229,880	350,610	150,180	97,235
Iowa	1,539,185	60,455	182,945	439,305	239,995	372,870	126,980	77,575
Missouri	2,404,205	203,885	370,365	700,460	338,800	437,055	159,400	119,435
North Dakota	325,945	28,895	51,995	106,525	34,290	53,315	30,595	14,575
South Dakota	356,675	21,020	43,310	118,590	46,300	67,990	35,595	17,555
Nebraska	773,035	37,915	82,165	212,325	121,895	190,875	66,880	39,435
Kansas	1,119,400	56,205	120,705	299,990	173,290	267,925	103,915	66,695
<b>South Atlantic</b>	11,358,735	2,016,675	2,751,740	1,379,340	1,891,970	1,601,695	753,975	673,015
Delaware	189,215	18,445	31,060	31,790	38,560	38,815	11,290	13,810
Maryland	1,362,490	148,965	318,260	205,605	221,530	242,735	82,465	95,315
Dist. of Columbia	524,880	35,575	71,295	61,435	80,410	125,580	57,255	68,155
Virginia	1,800,165	315,370	488,785	152,770	281,225	261,855	132,855	113,070
West Virginia	1,039,555	142,500	231,805	258,260	135,940	152,295	57,050	44,710
North Carolina	2,020,140	425,335	598,985	182,175	366,795	191,020	120,460	101,670
South Carolina	1,006,575	275,815	260,955	85,735	179,750	78,130	54,685	54,220
Georgia	1,778,475	430,420	476,490	167,165	303,460	176,390	106,365	79,275
Florida	1,637,240	224,250	274,105	234,405	284,300	334,875	131,550	102,790
<b>East South Central</b>	5,942,010	1,204,315	1,387,335	1,037,570	864,405	778,355	318,945	228,815
Kentucky	1,552,505	260,120	329,575	407,220	187,165	198,720	82,495	59,010
Tennessee	1,753,800	321,670	402,640	321,635	251,480	253,510	101,055	71,660
Alabama	1,559,445	352,090	416,485	162,840	260,615	193,995	77,600	56,840
Mississippi	1,073,260	270,435	238,635	145,875	165,145	132,130	57,795	41,305
<b>West South Central</b>	7,871,345	1,403,750	1,611,965	1,043,605	1,438,230	1,178,945	580,135	429,200
Arkansas	1,000,830	197,800	233,060	182,520	156,550	128,935	51,990	31,210
Louisiana	1,415,145	405,720	325,255	134,650	204,960	160,630	78,425	66,555
Oklahoma	1,242,615	136,515	217,980	247,345	202,480	227,775	105,005	77,070
Texas	4,212,755	663,715	835,670	479,090	874,240	661,605	344,715	254,365
<b>Mountain</b>	2,723,595	233,780	311,505	523,815	464,920	627,330	294,785	195,195
Montana	335,745	21,160	39,980	84,170	51,085	74,490	35,875	20,470
Idaho	314,065	14,605	32,290	76,200	59,110	72,770	35,570	17,130
Wyoming	157,505	8,990	16,260	32,240	27,875	39,465	17,355	11,240
Colorado	757,395	53,440	83,640	154,940	123,140	179,215	81,185	61,645
New Mexico	325,900	58,515	49,800	44,040	50,435	58,935	29,855	22,355
Arizona	392,655	55,520	52,035	61,960	63,540	80,885	38,065	29,035
Utah	343,775	14,980	28,480	53,985	71,670	96,050	46,025	26,235
Nevada	96,555	6,570	9,020	16,280	18,065	25,520	10,855	7,085
<b>Pacific</b>	8,880,355	549,465	901,630	1,552,765	1,591,500	2,357,305	973,500	694,725
Washington	1,412,020	65,590	141,090	294,265	252,215	369,685	145,520	101,525
Oregon	910,315	39,355	90,995	206,670	167,720	228,890	93,465	60,515
California	6,558,020	444,520	669,545	1,051,830	1,171,565	1,758,730	734,515	532,685

<sup>1</sup> Includes persons for whom years of school completed was not reported, not shown separately.

<sup>2</sup> Includes persons reporting no school years completed.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.



**NO. 131.—SCHOOL AND KINDERGARTEN ENROLLMENT FOR PERSONS 5 TO 29 YEARS OLD AND MEDIAN SCHOOL YEARS COMPLETED BY PERSONS 25 YEARS OLD AND OVER, BY STATES: 1950**

[Based on 20-percent sample; see source for sampling variability. For definition of median, see p. 105]

DIVISION AND STATE	PERSONS 5 TO 29 YEARS OLD ENROLLED IN SCHOOL <sup>1</sup>		CHILDREN 5 AND 6 YEARS OLD ENROLLED IN KINDERGARTEN		MEDIAN SCHOOL YEARS COMPLETED BY PERSONS 25 YEARS OLD AND OVER				
	Number	Percent <sup>2</sup>	Number	Percent <sup>3</sup>	All classes			White	Non-white
					Total	Male	Female		
<b>United States</b> .....	<b>28,984,985</b>	<b>49.4</b>	<b>898,970</b>	<b>16.4</b>	<b>9.3</b>	<b>9.0</b>	<b>9.6</b>	<b>9.7</b>	<b>6.9</b>
<b>New England</b> .....	<b>1,697,215</b>	<b>49.7</b>	<b>72,620</b>	<b>23.3</b>	<b>10.4</b>	<b>10.1</b>	<b>10.6</b>	<b>10.4</b>	<b>8.7</b>
Maine.....	180,985	50.8	8,920	25.8	10.2	9.5	10.8	10.2	8.5
New Hampshire.....	102,440	52.2	2,200	12.3	9.8	9.4	10.3	9.9	8.8
Vermont.....	78,170	52.8	1,555	10.8	10.0	9.1	10.7	10.0	—
Massachusetts.....	849,935	50.1	32,505	21.5	10.9	10.6	11.1	10.9	9.1
Rhode Island.....	135,115	45.2	4,815	18.6	9.3	9.3	9.4	9.4	8.5
Connecticut.....	350,570	48.8	22,625	33.1	9.8	9.5	10.0	9.8	8.4
<b>Middle Atlantic</b> .....	<b>5,288,750</b>	<b>48.5</b>	<b>213,135</b>	<b>22.2</b>	<b>9.3</b>	<b>9.2</b>	<b>9.4</b>	<b>9.5</b>	<b>8.4</b>
New York.....	2,517,060	48.6	121,890	26.6	9.6	9.6	9.6	9.7	8.6
New Jersey.....	809,865	47.1	51,455	33.1	9.3	9.3	9.3	9.5	8.1
Pennsylvania.....	1,961,825	49.0	39,790	11.5	9.0	8.9	9.1	9.0	8.2
<b>East North Central</b> .....	<b>5,663,715</b>	<b>49.5</b>	<b>248,715</b>	<b>23.8</b>	<b>9.6</b>	<b>9.2</b>	<b>9.9</b>	<b>9.7</b>	<b>8.4</b>
Ohio.....	1,455,800	49.0	47,605	17.9	9.9	9.6	10.2	10.0	8.4
Indiana.....	755,360	49.6	19,710	13.9	9.6	9.2	9.9	9.7	8.3
Illinois.....	1,528,575	48.6	52,905	22.3	9.3	9.1	9.5	9.5	8.5
Michigan.....	1,253,595	50.1	86,275	37.1	9.9	9.5	10.2	10.0	8.5
Wisconsin.....	670,385	51.7	32,220	25.9	8.9	8.8	9.1	8.9	8.4
<b>West North Central</b> .....	<b>2,721,120</b>	<b>50.9</b>	<b>106,775</b>	<b>21.2</b>	<b>9.0</b>	<b>8.9</b>	<b>9.8</b>	<b>9.1</b>	<b>8.2</b>
Minnesota.....	595,985	52.6	23,900	21.8	9.0	8.8	9.8	9.0	8.8
Iowa.....	516,430	51.6	28,295	30.2	9.8	9.0	10.7	9.9	8.6
Missouri.....	716,705	49.4	21,890	16.6	8.8	8.8	8.9	8.9	8.0
North Dakota.....	134,740	51.7	580	2.2	8.7	8.6	8.9	8.8	7.0
South Dakota.....	132,975	50.2	2,590	10.0	8.9	8.8	9.9	8.9	8.1
Nebraska.....	266,170	50.6	14,415	30.4	10.1	9.3	10.8	10.1	8.8
Kansas.....	368,115	50.7	15,105	22.2	10.2	9.4	10.8	10.3	8.7
<b>South Atlantic</b> .....	<b>4,373,485</b>	<b>48.1</b>	<b>46,435</b>	<b>5.4</b>	<b>8.6</b>	<b>8.3</b>	<b>8.8</b>	<b>9.2</b>	<b>5.9</b>
Delaware.....	56,695	46.9	875	7.7	9.8	9.4	10.2	10.4	7.2
Maryland.....	450,670	46.5	10,370	12.0	8.9	8.8	9.0	9.5	6.9
Dist. of Columbia.....	125,440	43.2	5,815	26.7	12.0	11.7	12.1	12.4	8.8
Virginia.....	651,675	45.1	5,600	4.2	8.5	8.0	8.8	9.3	6.1
West Virginia.....	443,990	50.3	1,250	1.5	8.5	8.4	8.6	8.6	7.6
North Carolina.....	911,295	48.7	4,215	2.4	7.9	7.6	8.2	8.6	5.9
South Carolina.....	497,785	49.8	2,460	2.4	7.6	7.3	7.9	9.0	4.8
Georgia.....	742,410	49.2	7,115	4.8	7.8	7.5	8.1	8.8	4.9
Florida.....	513,525	48.6	8,735	8.5	9.6	9.2	10.0	10.9	5.8
<b>East South Central</b> .....	<b>2,524,315</b>	<b>50.3</b>	<b>16,525</b>	<b>3.4</b>	<b>8.3</b>	<b>8.1</b>	<b>8.5</b>	<b>8.7</b>	<b>5.7</b>
Kentucky.....	599,095	47.5	5,170	4.3	8.4	8.3	8.5	8.5	7.3
Tennessee.....	695,240	49.2	4,265	3.2	8.4	8.3	8.6	8.6	6.5
Alabama.....	716,645	52.2	3,170	2.3	7.9	7.7	8.2	8.8	5.4
Mississippi.....	513,335	52.7	3,920	4.0	8.1	7.7	8.4	9.9	5.1
<b>West South Central</b> .....	<b>3,001,960</b>	<b>49.2</b>	<b>31,950</b>	<b>5.3</b>	<b>8.8</b>	<b>8.6</b>	<b>9.0</b>	<b>9.3</b>	<b>6.0</b>
Arkansas.....	429,965	53.1	1,870	2.2	8.3	8.2	8.5	8.7	5.6
Louisiana.....	584,135	50.6	6,670	5.7	7.6	7.4	7.9	8.8	4.6
Oklahoma.....	490,510	53.8	7,650	8.7	9.1	8.9	9.6	9.4	7.8
Texas.....	1,497,350	46.4	15,760	5.0	9.3	8.9	9.6	9.7	7.0
<b>Mountain</b> .....	<b>1,093,315</b>	<b>51.6</b>	<b>26,465</b>	<b>12.4</b>	<b>10.7</b>	<b>10.0</b>	<b>11.3</b>	<b>10.8</b>	<b>7.3</b>
Montana.....	118,055	52.1	1,635	7.1	10.1	9.0	11.2	10.2	8.0
Idaho.....	131,885	53.9	890	3.5	10.6	9.8	11.3	10.6	8.4
Wyoming.....	58,590	48.1	1,755	14.8	11.1	10.2	12.0	11.1	8.5
Colorado.....	267,210	51.0	8,450	16.9	10.9	10.2	11.5	10.9	9.8
New Mexico.....	156,810	49.7	2,565	7.7	9.3	9.0	9.7	9.5	5.8
Arizona.....	162,430	50.7	3,905	11.8	10.0	9.5	10.5	10.6	5.5
Utah.....	169,945	55.7	5,580	17.5	12.0	11.8	12.0	12.0	8.9
Nevada.....	28,390	48.3	1,685	28.5	11.5	10.8	12.0	11.7	7.4
<b>Pacific</b> .....	<b>2,621,110</b>	<b>49.8</b>	<b>136,350</b>	<b>27.6</b>	<b>11.5</b>	<b>11.0</b>	<b>11.9</b>	<b>11.6</b>	<b>8.9</b>
Washington.....	440,550	49.4	21,950	25.0	11.2	10.5	11.8	11.3	8.8
Oregon.....	292,490	52.2	5,845	10.7	10.9	10.2	11.6	10.9	8.9
California.....	1,888,070	49.3	108,555	29.8	11.6	11.2	11.9	11.8	8.9

<sup>1</sup> Excludes those in kindergarten.

<sup>2</sup> Percent of population 5 and 6 years old.

<sup>3</sup> Percent of population 5 to 29 years.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.

**No. 132.—ILLITERACY OF PERSONS 14 YEARS OLD AND OVER, BY AGE, COLOR, SEX, AND URBAN AND RURAL RESIDENCE: OCTOBER 1947 AND 1952**

[Numbers in thousands. Data relate to civilian noninstitutional population based on Current Population Survey. Population base was 1940 extended to survey dates; data will differ from results obtained by revised estimating procedure; see Sampling Note and Technical Note, p. 183. Persons unable to both read and write in any language were classified as illiterate. Information on illiteracy was obtained in 1952 only for persons completing less than 6 years of school, and in 1947 only for persons completing less than 5 years of school. Persons completing more than that amount were classified as being literate]

AGE, SEX, AND RESIDENCE	OCTOBER 1947					OCTOBER 1952				
	Popu- lation	Illiterate		Percent illit- erate by color		Popu- lation	Illiterate		Percent illit- erate by color	
		Num- ber	Per- cent	White	Non- white		Num- ber	Per- cent	White	Non- white
BOTH SEXES										
Total, 14 years and over	106,428	2,838	2.7	1.8	11.0	110,074	2,780	2.5	1.8	10.2
14 to 24 years	24,257	232	1.0	0.6	4.4	21,716	250	1.2	0.8	3.9
25 to 34 years	22,481	310	1.4	0.8	7.2	23,138	280	1.2	0.7	6.4
35 to 44 years	19,893	420	2.1	1.3	9.7	21,220	284	1.3	0.8	6.6
45 to 54 years	16,625	506	3.0	2.0	13.8	17,794	486	2.7	1.8	11.5
55 to 64 years	12,652	662	5.2	4.2	19.1	13,946	634	4.5	3.5	18.1
65 years and over	10,515	709	6.7	4.9	32.4	12,260	846	6.9	5.0	33.3
Urban	64,900	1,267	2.0	(1)	(1)	72,678	1,450	2.0	(1)	(1)
Rural nonfarm	22,026	539	2.4	(1)	(1)	22,122	464	2.1	(1)	(1)
Rural farm	19,501	1,032	5.3	(1)	(1)	15,274	866	5.7	(1)	(1)
MALE										
Total, 14 years and over	51,733	1,557	3.0	1.9	14.2	52,144	1,554	3.0	2.1	12.7
14 to 24 years	11,706	158	1.3	(1)	(1)	9,776	178	1.8	1.2	7.2
25 to 34 years	10,726	192	1.8	(1)	(1)	10,936	170	1.6	0.8	9.7
35 to 44 years	9,717	262	2.7	(1)	(1)	10,200	170	1.7	1.2	7.5
45 to 54 years	8,235	281	3.4	(1)	(1)	8,688	276	3.2	2.2	12.8
55 to 64 years	6,344	318	5.0	(1)	(1)	6,816	322	4.7	3.6	19.4
65 years and over	5,005	348	7.0	(1)	(1)	5,728	438	7.6	5.6	35.8
Urban	30,851	590	1.9	(1)	(1)	33,558	704	2.1	(1)	(1)
Rural nonfarm	10,776	309	2.9	(1)	(1)	10,650	288	2.7	(1)	(1)
Rural farm	10,107	659	6.5	(1)	(1)	7,936	562	7.1	(1)	(1)
FEMALE										
Total, 14 years and over	54,693	1,280	2.3	1.7	8.2	57,930	1,226	2.1	1.5	8.2
14 to 24 years	12,550	74	0.6	(1)	(1)	11,940	72	0.6	0.5	1.4
25 to 34 years	11,754	118	1.0	(1)	(1)	12,202	110	0.9	0.6	3.8
35 to 44 years	10,181	158	1.6	(1)	(1)	11,020	114	1.0	0.5	5.9
45 to 54 years	8,390	225	2.7	(1)	(1)	9,106	210	2.3	1.4	10.4
55 to 64 years	6,308	344	5.5	(1)	(1)	7,130	312	4.4	3.4	16.9
65 years and over	5,510	361	6.6	(1)	(1)	6,532	408	6.2	4.4	31.2
Urban	34,049	677	2.0	(1)	(1)	39,120	746	1.9	(1)	(1)
Rural nonfarm	11,250	230	2.0	(1)	(1)	11,472	176	1.5	(1)	(1)
Rural farm	9,395	373	4.0	(1)	(1)	7,338	304	4.1	(1)	(1)

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 45.

**No. 133.—PERCENT ILLITERATE FOR PERSONS 14 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED, COLOR, AND SEX: OCTOBER 1952**

[See headnote, table 132. Percent not shown where base is less than 100,000]

YEARS OF SCHOOL COMPLETED	TOTAL			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
<b>Total</b>	2.5	3.0	2.1	1.8	2.1	1.5	10.2	12.7	8.2
None	77.8	77.2	78.6	73.6	72.5	74.8	89.3	89.5	89.1
1 year	51.5	49.2	55.8	40.6	37.9	46.4	69.0	70.8	69.0
2 years	36.3	36.2	36.4	30.9	31.6	29.9	46.7	47.2	46.2
3 years	14.7	15.4	13.8	13.7	13.5	14.0	16.9	20.0	13.4
4 years	4.6	5.2	3.9	3.7	4.3	2.9	7.1	8.2	6.2
5 years	1.3	1.8	0.9	1.2	1.7	0.6	1.9	2.3	1.6

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 45.



## No. 134.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1870 TO 1952

ITEM	1870	1880	1890	1900	1910
Total population.....	<sup>1</sup> 38,558,371	<sup>1</sup> 50,155,783	<sup>1</sup> 62,622,250	<sup>1</sup> 75,602,515	<sup>1</sup> 91,972,266
Population 5-17 years, inclusive.....	<sup>1</sup> 12,055,443	<sup>1</sup> 15,065,767	<sup>1</sup> 18,543,201	<sup>1</sup> 21,404,322	<sup>1</sup> 24,239,948
Percent of total population.....	31.3	30.1	29.6	28.3	26.4
Pupils enrolled in public schools.....	6,871,522	9,867,395	12,722,631	15,503,110	17,813,852
Percent of total population.....	17.8	19.7	20.3	20.5	19.4
Percent of population 5-17, inclusive.....	57.0	65.5	68.6	72.4	73.5
Average daily attendance.....	4,077,347	6,144,143	8,153,635	10,632,772	12,827,307
Percent of pupils enrolled.....	59.3	62.3	64.1	68.6	72.1
Average length of term in days.....	132.2	130.3	134.7	144.3	157.5
Average number of days attended per enrolled pupil.....	78.4	81.1	86.3	99.0	113.0
Number of teachers.....	200,515	286,593	363,922	423,062	523,210
Male.....	77,529	122,795	125,525	126,588	110,481
Female.....	122,986	163,798	238,397	296,474	412,729
Percent male teachers.....	38.7	42.8	34.5	29.9	21.1
Salaries: Teachers, supervisors, and principals (\$1,000).....	37,833	55,943	91,836	137,688	253,915
Average annual salary per teacher.....	\$189	\$195	\$252	\$325	\$485
Total expenditure for education <sup>3</sup> (\$1,000).....	63,397	78,095	140,507	214,965	426,250
Per capita of total population.....	\$1.64	\$1.56	\$2.24	\$2.84	\$4.64
Per capita of population 5-17, inclusive.....	\$5.26	\$5.18	\$7.58	\$10.04	\$17.58
Per pupil enrolled.....	\$9.23	\$7.91	\$11.04	\$13.87	\$23.93
Per pupil in average attendance.....	\$15.55	\$12.71	\$17.23	\$20.21	\$33.23
Expenditures for capital outlay (\$1,000).....			26,207	35,451	69,978

ITEM	1920	1930	1940	1948	1950	1952
Total population.....	<sup>1</sup> 105,710,320	<sup>1</sup> 122,775,046	<sup>1</sup> 131,669,275	<sup>4</sup> 146,113,000	<sup>4</sup> 148,665,000	<sup>4</sup> 153,383,000
Population 5-17 years, inclusive.....	<sup>1</sup> 27,728,788	<sup>1</sup> 31,571,322	<sup>1</sup> 29,745,246	30,171,000	30,168,000	31,379,000
Percent of total population.....	26.2	25.7	22.6	20.6	20.3	20.5
Pupils enrolled in public schools.....	21,578,316	25,678,015	25,433,542	23,944,532	25,111,427	26,562,663
Percent of total population.....	20.4	20.9	19.3	16.4	16.9	17.3
Percent of population 5-17, inclusive.....	77.8	81.3	85.5	79.4	83.2	84.7
Average daily attendance.....	16,150,035	21,264,886	22,042,151	20,909,739	22,283,845	23,256,523
Percent of pupils enrolled.....	74.8	82.8	86.7	87.3	88.7	87.6
Average length of term in days.....	161.9	172.7	175.0	177.6	177.9	178.2
Average number of days attended per enrolled pupil.....	121.2	143.0	151.7	155.1	157.9	156.0
Number of teachers <sup>6</sup> .....	679,533	854,263	875,477	860,678	913,671	<sup>7</sup> 962,864
Male.....	95,666	141,771	194,725	161,913	194,968	234,942
Female.....	583,867	712,492	680,752	698,765	718,703	727,922
Percent male teachers.....	14.1	16.6	22.2	18.8	21.3	24.4
Salaries: Teachers, supervisors, and principals (\$1,000).....	590,120	1,250,427	1,314,342	2,393,630	2,896,489	3,492,724
Average annual salary per teacher <sup>8</sup> .....	\$871	\$1,420	\$1,441	\$2,639	\$3,010	\$3,450
Total expenditure for education <sup>3</sup> (\$1,000).....	1,036,151	2,316,790	2,344,049	4,311,176	5,837,643	7,344,237
Per capita of total population.....	\$9.80	\$18.87	\$17.77	\$29.51	\$39.27	\$47.88
Per capita of population 5-17, inclusive.....	\$37.37	\$73.38	\$78.65	\$142.89	\$193.50	\$234.05
Per pupil enrolled <sup>9</sup> .....	\$48.02	\$89.84	\$91.64	\$178.89	\$231.05	\$275.34
Per pupil in average attendance <sup>9</sup> .....	\$64.16	\$108.49	\$105.74	\$202.81	\$258.85	\$312.68
Expenditures for capital outlay (\$1,000).....	153,543	370,878	257,974	412,467	1,014,176	1,477,332

<sup>1</sup> Census enumeration as of June 1, 1870 to 1900; Apr. 15, 1910; Jan. 1, 1920; Apr. 1, 1930 and 1940.

<sup>2</sup> Excluding population of Indian Territory which is not covered by public-school statistics, and also, for 1890, population of Indian reservations. These were not enumerated at censuses prior to 1890.

<sup>3</sup> Current expense, capital outlays, and interest.

<sup>4</sup> Census estimate; excludes Armed Forces overseas.

<sup>5</sup> Beginning with the school year 1950, population as of July 1 prior to opening of school year compared with school enrollment data. For example, July 1, 1949, population data compared with 1949-50 school enrollment.

<sup>6</sup> Excludes supervisors and principals.

<sup>7</sup> Includes 857 principals in Tennessee.

<sup>8</sup> Beginning 1920, based on total number of teachers, supervisors, and principals.

<sup>9</sup> Beginning 1920, excludes data for night, summer, part-time, and continuation schools separately reported.

Source (except for population statistics and estimates): Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistical Summary of Education and chapter on Statistics of State School Systems.



## No. 135.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY, BY STATES: 1952

[See also table 138 for Territories, possessions, etc.]

REGION, DIVISION, AND STATE	Enroll- ment (1,000)	Teachers <sup>1</sup>	TEACHERS' SALARIES <sup>2</sup>		EXPENDITURES			High school grad- uates (1,000)
			Total (\$1,000)	Aver- age	Total (\$1,000)	Current <sup>3</sup>		
						Amount (\$1,000)	Per pupil <sup>4</sup>	
<b>Continental U. S.</b> .....	26,563	962,007	3,492,724	\$3,450	7,344,237	5,680,643	\$244.24	1,055.6
Northeast.....	5,737	218,348	911,499	-----	1,879,860	1,501,837	299.70	262.0
North Central.....	7,453	289,436	1,033,930	-----	2,164,176	1,695,564	258.23	344.5
South.....	9,701	325,952	969,310	-----	1,947,765	1,512,948	181.10	301.0
West.....	3,672	128,271	577,985	-----	1,352,436	970,294	291.67	148.1
<b>New England:</b>								
Maine.....	171	6,475	15,366	2,269	30,404	26,261	181.31	6.8
New Hampshire.....	76	3,033	9,569	3,031	20,567	17,106	254.63	3.7
Vermont.....	64	2,581	6,947	2,598	14,448	12,645	219.83	2.4
Massachusetts.....	657	25,653	97,869	3,553	180,708	152,855	266.96	30.0
Rhode Island.....	101	3,860	14,814	3,603	25,620	22,305	258.51	3.8
Connecticut.....	305	11,312	48,199	3,937	104,480	78,029	291.25	12.8
<b>Middle Atlantic:</b>								
New York.....	2,059	79,730	386,025	4,591	847,443	623,286	351.78	94.0
New Jersey.....	714	28,641	118,450	3,922	239,440	193,110	312.07	31.4
Pennsylvania.....	1,589	57,063	214,260	3,536	416,750	376,240	264.17	77.1
<b>East North Central:</b>								
Ohio.....	1,303	46,485	170,040	3,537	375,104	271,861	232.44	56.0
Indiana.....	750	24,092	100,385	3,865	192,832	161,740	253.22	35.2
Illinois.....	1,224	48,621	199,319	3,903	422,337	315,977	291.48	58.8
Michigan.....	1,135	40,460	160,980	3,862	358,210	271,118	267.47	45.5
Wisconsin.....	520	21,908	78,648	3,590	154,078	132,876	284.58	29.8
<b>West North Central:</b>								
Minnesota.....	512	20,784	71,284	3,327	155,306	126,824	276.92	26.1
Iowa.....	495	21,843	66,649	2,895	135,895	112,353	260.57	23.6
Missouri.....	673	23,140	68,418	2,763	141,105	119,786	211.63	26.7
North Dakota.....	117	6,757	17,130	2,535	29,312	26,894	256.21	5.7
South Dakota.....	121	7,221	17,406	2,351	31,009	26,848	250.72	6.0
Nebraska.....	233	11,905	31,208	2,550	56,061	50,834	245.54	12.9
Kansas.....	370	16,220	52,463	2,963	112,925	78,454	245.95	18.3
<b>South Atlantic:</b>								
Delaware.....	50	2,082	8,709	3,919	22,001	14,060	317.83	2.2
Maryland.....	383	12,793	52,902	3,903	125,237	80,378	242.62	12.4
District of Columbia.....	102	3,381	16,042	4,467	31,262	25,743	301.19	3.2
Virginia.....	639	20,637	60,433	2,627	146,485	94,069	168.64	19.5
West Virginia.....	441	14,450	48,280	2,967	81,472	72,531	183.30	16.5
North Carolina.....	914	28,917	100,695	3,282	198,378	143,326	175.62	32.0
South Carolina.....	512	17,479	42,522	2,400	76,424	65,785	153.95	13.3
Georgia.....	752	25,642	68,242	2,586	122,993	105,707	165.81	15.0
Florida.....	539	18,929	64,895	3,248	133,706	94,596	206.12	17.9
<b>East South Central:</b>								
Kentucky.....	569	18,323	46,927	2,393	81,231	72,647	150.65	17.4
Tennessee.....	677	22,176	57,799	2,462	115,053	88,031	148.07	21.1
Alabama.....	679	22,353	58,725	2,537	96,303	88,144	150.06	22.1
Mississippi.....	536	16,016	26,367	1,617	59,362	45,136	95.73	13.7
<b>West South Central:</b>								
Arkansas.....	417	13,014	25,408	1,884	55,266	43,309	123.44	14.3
Louisiana.....	514	16,369	57,164	3,124	132,880	107,207	237.40	14.7
Oklahoma.....	510	17,948	56,041	3,031	105,686	91,625	226.36	20.8
Texas.....	1,468	55,443	178,158	3,213	364,025	280,655	223.29	44.9
<b>Mountain:</b>								
Montana.....	109	5,400	17,379	3,094	34,268	29,204	302.14	5.0
Idaho.....	130	4,498	13,620	2,849	30,190	24,379	211.64	6.2
Wyoming.....	62	2,745	9,112	3,157	18,825	15,717	311.63	2.7
Colorado.....	253	9,627	32,879	3,244	72,058	53,488	253.16	9.8
New Mexico.....	159	5,434	21,721	3,621	41,276	34,266	261.18	4.4
Arizona.....	172	5,516	23,317	4,021	46,627	36,486	262.71	5.1
Utah.....	168	5,218	19,599	3,420	39,950	29,974	196.36	8.1
Nevada.....	38	1,295	4,707	3,484	9,296	7,451	262.96	1.2
<b>Pacific:</b>								
Washington.....	466	15,601	64,774	3,919	141,195	109,190	283.77	18.8
Oregon.....	283	11,269	45,205	3,679	101,473	76,793	316.10	12.1
California.....	1,833	61,668	325,671	3,463	817,278	553,346	260.72	74.6

<sup>1</sup> Excludes supervisors and principals.<sup>2</sup> Includes supervisors' and principals' salaries.<sup>3</sup> Excludes expenditures not allocable to public day-school pupils.<sup>4</sup> Average (excluding interest) per pupil in average daily attendance.<sup>5</sup> Represents weighted average of median salaries of total instructional staff in elementary and secondary schools.<sup>6</sup> Computed amount furnished by State.Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of State School Systems*.

# NO. 136.—NUMBER OF SCHOOLS OF SPECIFIED TYPES, BY STATES AND OTHER AREAS: 1952

DIVISION, STATE, OR OTHER AREA	PUBLIC SCHOOLS (excluding kindergartens)		NONPUBLIC SCHOOLS (ex- cluding kindergartens) <sup>1</sup>		INSTITUTIONS OF HIGHER EDUCATION <sup>2</sup>		RESIDENTIAL SCHOOLS FOR EXCEPTIONAL CHILDREN, 1946		Schools of nursing not affiliated with colleges and universities <sup>3</sup>
	Elementary	Secondary	Elementary	Secondary	Publicly controlled <sup>4</sup>	Privately controlled	Public	Private	
Continental U. S.	123,763	23,746	10,666	3,322	641	1,191	307	137	984
New England	5,277	1,007	930	434	39	119	28	16	104
Maine	1,311	192	94	61	6	10	4	—	10
New Hampshire	474	104	66	39	3	6	2	—	12
Vermont	801	81	31	25	4	9	2	1	6
Massachusetts	1,688	441	441	200	18	61	11	11	55
Rhode Island	304	61	95	30	2	10	4	1	5
Connecticut	699	128	203	79	6	23	5	3	16
Middle Atlantic	13,233	2,301	2,447	710	57	220	28	60	240
New York	5,355	950	1,107	338	32	99	11	31	93
New Jersey	1,516	263	397	127	10	26	9	6	39
Pennsylvania	6,362	1,088	943	245	15	95	8	23	108
East North Central	18,409	4,013	2,871	640	89	230	38	17	197
Ohio	2,939	1,154	627	155	9	60	11	1	52
Indiana	2,200	799	319	41	6	32	7	1	23
Illinois	3,470	861	877	192	20	80	5	5	80
Michigan	3,800	703	483	167	19	28	9	6	21
Wisconsin	6,000	496	565	85	35	30	6	4	21
West North Central	32,393	4,079	1,664	417	100	140	46	8	113
Minnesota	4,650	563	361	71	15	27	11	3	19
Iowa	5,830	948	344	135	18	29	6	2	21
Missouri	6,300	702	410	88	18	36	11	3	23
North Dakota	2,812	392	52	21	11	2	4	—	10
South Dakota	3,419	280	54	22	7	8	4	—	6
Nebraska	6,002	524	219	47	10	14	5	—	10
Kansas	3,380	670	224	33	21	24	5	—	24
South Atlantic	16,655	3,776	599	301	87	196	61	13	154
Delaware	148	50	31	11	2	3	4	—	7
Maryland	818	208	170	60	14	20	6	9	18
District of Columbia	122	36	51	24	2	20	5	2	6
Virginia	2,639	510	71	53	12	32	10	1	31
West Virginia	3,719	370	53	15	11	11	9	—	19
North Carolina	2,483	931	56	32	15	40	9	—	34
South Carolina	2,836	529	37	19	7	25	6	—	13
Georgia	2,617	683	46	30	18	33	7	1	12
Florida	1,273	459	84	57	6	12	5	—	14
East South Central	14,838	2,430	444	225	46	103	24	3	51
Kentucky	4,462	528	216	95	9	30	5	1	9
Tennessee	3,832	495	77	42	7	39	7	1	12
Alabama	2,972	755	100	45	9	17	8	1	12
Mississippi	3,572	652	51	43	21	17	4	—	18
West South Central	11,766	3,765	743	240	92	77	30	6	47
Arkansas	1,633	568	58	19	12	11	4	—	7
Louisiana	1,759	538	244	94	9	11	7	2	22
Oklahoma	2,653	867	87	37	23	8	8	2	8
Texas	5,721	1,792	354	90	48	47	11	2	10
Mountain	5,278	1,146	285	103	45	19	31	1	28
Montana	1,210	199	45	16	8	3	5	—	4
Idaho	561	158	24	7	4	3	4	—	—
Wyoming	593	103	11	1	2	—	3	—	—
Colorado	1,303	282	78	30	13	7	—	1	—
New Mexico	620	144	71	26	7	2	6	—	5
Arizona	445	85	43	18	5	1	3	—	1
Utah	368	138	9	4	5	3	4	—	4
Nevada	178	37	4	1	1	—	1	—	8
Pacific	5,914	1,229	683	252	86	87	21	13	50
Washington	1,113	347	108	49	14	12	8	—	14
Oregon	1,093	260	78	26	7	15	5	1	4
California	3,708	622	497	177	65	60	8	12	32
Alaska	102	31	13	2	4	1	—	—	—
American Samoa	—	—	—	—	—	—	—	—	—
Canal Zone	17	22	—	—	—	—	—	—	—
Guam	21	2	—	—	1	—	—	—	—
Hawaii	139	54	—	—	—	—	—	—	—
Puerto Rico	1,718	332	92	60	1	1	4	1	3
Virgin Islands	21	3	—	—	—	—	3	—	9

<sup>1</sup> Estimated.<sup>2</sup> Includes universities, colleges, professional schools, teachers colleges, normal schools and junior colleges.<sup>3</sup> January 1, 1952. <sup>4</sup> Includes 5 U. S. Service Academies.<sup>5</sup> 1950.<sup>6</sup> Number of school buildings. <sup>7</sup> 1951.Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistical Summary of Education.



**No. 137.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT AND ATTENDANCE, BY STATES AND OTHER AREAS: 1952**

[Includes data for kindergartens. Excludes data for residential schools for exceptional children, observation and practice schools, and preparatory departments of colleges and universities]

DIVISION, STATE, OR OTHER AREA	PUPILS ENROLLED <sup>1</sup>			Average daily attendance (1,000)	Average length of term in days	Average number of days attended per pupil enrolled	High school gradu- ates
	Total	Elemen- tary	Second- ary				
<b>Continental U. S.</b>	26,562,663	20,680,866	5,881,797	23,257	178.2	156.0	1,055,586
<b>New England</b>	1,374,815	1,049,462	325,353	1,197			59,488
Maine	171,057	134,852	36,205	145	179.6	152.1	6,847
New Hampshire	75,862	57,180	18,682	67	176.7	156.4	3,723
Vermont	64,398	51,485	12,913	58	172.8	154.4	2,439
Massachusetts	656,579	487,121	169,458	573	178.8	155.9	29,959
Rhode Island	101,426	79,195	22,231	86	180.0	153.1	3,754
Connecticut	305,493	239,629	65,864	268	180.9	158.7	12,766
<b>Middle Atlantic</b>	4,361,885	3,273,405	1,088,480	3,815			202,528
New York	2,059,026	1,547,938	511,088	1,772	181.3	156.0	94,033
New Jersey	713,633	546,721	166,912	619	182.5	158.2	31,368
Pennsylvania	1,589,226	1,178,746	410,480	1,424	182.3	163.4	77,127
<b>East North Central</b>	4,932,032	3,747,795	1,184,237	4,374			225,220
Ohio	1,303,326	999,888	303,438	1,170	176.0	157.9	55,990
Indiana	749,558	577,538	172,020	1,639	173.7	148.0	35,153
Illinois	1,223,673	912,195	311,478	1,084	187.1	165.8	58,820
Michigan	1,135,237	885,654	249,583	1,014	180.0	160.7	45,466
Wisconsin	520,238	372,520	147,718	467	177.6	159.4	29,791
<b>West North Central</b>	2,520,925	1,919,904	601,021	2,193			119,266
Minnesota	511,597	382,701	128,896	458	172.8	154.7	26,057
Iowa	494,542	377,902	116,640	431	179.1	156.2	23,631
Missouri	673,083	522,675	150,408	566	182.2	153.2	26,749
North Dakota	117,147	89,709	27,438	105	174.1	156.0	5,682
South Dakota	121,450	91,975	29,475	107	176.3	155.4	6,003
Nebraska	233,031	173,762	59,269	207	176.3	156.6	12,864
Kansas	370,075	281,180	88,895	319	171.4	148.7	18,280
<b>South Atlantic</b>	4,381,599	3,492,994	888,605	3,754			131,855
Delaware	50,343	38,928	11,415	44	181.1	152.3	2,150
Maryland	382,731	305,707	77,024	331	182.4	157.9	12,352
District of Columbia	101,780	80,811	20,969	85	177.8	149.3	3,205
Virginia	638,767	517,243	121,524	558	180.0	157.2	19,479
West Virginia	440,567	344,520	96,047	396	173.1	155.4	16,510
North Carolina	914,269	720,391	193,878	816	179.9	160.6	32,040
South Carolina	512,199	426,476	85,723	427	178.8	149.1	13,251
Georgia	752,233	631,855	120,378	638	180.0	152.6	14,980
Florida	538,710	427,063	111,647	459	180.1	153.4	17,888
<b>East South Central</b>	2,460,489	2,012,474	448,015	2,135			74,345
Kentucky	568,630	468,908	99,722	482	172.8	146.6	17,399
Tennessee	676,672	546,996	129,676	595	176.8	155.3	21,079
Alabama	679,274	547,307	131,967	587	176.4	152.5	22,144
Mississippi	535,913	449,263	86,650	471	163.2	143.5	13,723
<b>West South Central</b>	2,909,161	2,314,888	594,273	2,465			94,832
Arkansas	416,546	334,327	82,219	351	171.6	144.8	14,347
Louisiana	514,379	419,595	94,784	452	179.0	157.1	14,747
Oklahoma	510,276	390,635	119,641	405	181.9	144.3	20,845
Texas	1,467,960	1,170,331	297,629	1,257	175.3	150.1	44,893
<b>Mountain</b>	1,089,925	845,611	244,314	922			42,513
Montana	108,686	81,716	26,970	97	183.1	162.9	5,041
Idaho	129,737	96,270	33,467	115	176.0	156.3	6,157
Wyoming	62,007	47,712	14,295	50	175.7	142.9	2,706
Colorado	253,077	196,974	56,103	211	174.3	145.5	9,840
New Mexico	158,694	128,728	29,966	129	180.0	146.9	4,425
Arizona	171,711	138,287	33,424	139	169.2	136.9	5,083
Utah	168,494	126,184	42,310	153	174.4	158.0	8,060
Nevada	37,519	29,740	7,779	28	176.3	133.2	1,201
<b>Pacific</b>	2,581,832	2,024,333	557,499	2,403			105,539
Washington	466,162	363,450	102,712	385	179.3	148.0	18,823
Oregon	282,939	213,759	69,180	243	179.7	154.3	12,071
California	1,832,731	1,447,124	385,607	1,775	175.0	169.5	74,645
<b>Alaska</b>	19,783	16,956	2,827	14	170.1	124.3	392
<b>American Samoa</b>	3,861	3,677	184	(2)	(2)	(2)	(2)
<b>Canal Zone</b>	10,550	8,581	1,969	9	188.5	162.5	481
<b>Guam</b>	8,966	7,681	1,285	8	181.3	170.0	133
<b>Hawaii</b>	95,244	71,756	23,488	90	178.3	168.2	4,903
<b>Puerto Rico</b>	457,518	402,151	55,367	405	192.0	169.9	7,080
<b>Virgin Islands</b>	5,276	4,638	638	5	182.0	168.8	106

<sup>1</sup> Estimated. <sup>2</sup> Not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistics of State School Systems.



**No. 138.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBERS AND SALARIES OF TEACHERS, BY STATES AND OTHER AREAS: 1940 TO 1952**

DIVISION, STATE, OR OTHER AREA	NUMBER OF TEACHERS <sup>1</sup>				SALARIES OF TEACHERS, SUPERVISORS, AND PRINCIPALS					
	1940	1948	1950	1952	Total (\$1,000)		Average salary (dollars)			
					1950	1952	1940	1948	1950	1952
<b>Continental U. S.</b>	875,477	860,678	913,671	962,007	2,896,489	3,492,724	1,441	2,639	3,010	3,450
<b>New England</b>	49,930	47,166	50,773	52,914	168,888	192,764	1,748	2,867	3,153	-----
Maine	6,156	6,117	6,323	6,475	13,374	15,366	894	1,767	2,115	2,269
New Hampshire	2,945	2,788	2,816	3,033	8,270	9,569	1,258	2,355	2,712	3,031
Vermont	2,653	2,354	2,405	2,581	6,111	6,947	981	2,066	2,348	2,598
Massachusetts	24,769	22,287	24,596	25,653	87,992	97,869	2,037	3,103	3,338	3,553
Rhode Island	3,788	3,626	3,984	3,860	13,124	14,814	1,809	3,005	3,294	3,603
Connecticut	9,619	9,994	10,649	11,312	40,017	48,199	1,861	3,249	3,558	3,937
<b>Middle Atlantic</b>	168,500	157,358	162,389	165,434	586,298	718,735	2,167	3,101	3,433	-----
New York	80,553	75,025	79,670	79,730	310,097	386,025	2,604	3,476	3,706	4,591
New Jersey	26,984	25,901	27,109	28,641	99,699	118,450	2,093	3,102	3,511	3,922
Pennsylvania	60,963	56,432	55,610	57,063	176,502	214,260	1,640	2,597	3,006	3,536
<b>East North Central</b>	164,354	160,640	172,264	181,566	590,237	709,372	1,570	2,927	3,296	-----
Ohio	43,671	41,363	43,650	46,485	139,525	170,040	1,587	2,847	3,088	3,537
Indiana	21,459	22,125	23,428	24,092	86,027	100,385	1,433	3,073	3,401	3,865
Illinois	45,955	43,307	47,224	48,621	170,405	199,319	1,700	3,016	3,458	3,903
Michigan	32,716	33,811	37,157	40,460	131,720	160,980	1,576	3,020	3,420	3,862
Wisconsin	20,553	20,034	20,805	21,908	62,560	78,648	1,379	2,560	3,007	3,590
<b>West North Central</b>	115,716	102,509	104,003	107,870	278,035	324,558	1,042	2,120	2,550	-----
Minnesota	21,080	19,056	19,574	20,784	60,804	71,284	1,276	2,482	3,013	3,327
Iowa	22,450	20,902	21,319	21,843	55,447	66,649	1,017	2,088	2,420	2,895
Missouri	26,423	22,922	22,494	23,140	59,601	68,418	1,159	2,099	2,581	2,763
North Dakota	7,262	6,388	6,537	6,757	15,195	17,130	745	1,665	2,324	2,535
South Dakota	7,837	6,726	7,127	7,221	15,575	17,406	807	1,883	2,064	2,351
Nebraska	13,760	11,855	11,949	11,905	28,316	31,208	829	1,919	2,292	2,550
Kansas	16,904	14,660	15,003	16,220	43,097	52,463	1,014	2,191	2,628	2,963
<b>South Atlantic</b>	120,914	124,950	135,012	144,310	363,353	462,720	1,014	2,222	2,531	-----
Delaware	1,626	1,761	1,846	2,082	6,437	8,709	1,684	2,642	3,273	3,919
Maryland	8,638	9,740	11,059	12,793	42,106	52,902	1,642	3,321	3,594	3,903
District of Columbia	3,057	3,329	3,326	3,381	13,841	16,042	2,350	3,411	3,920	4,467
Virginia	17,734	17,532	19,055	20,637	49,764	60,433	899	2,062	2,328	2,627
West Virginia	14,252	13,681	14,145	14,450	38,879	48,280	1,170	2,364	2,425	2,967
North Carolina	24,530	25,216	27,491	28,917	78,304	100,695	946	2,114	2,688	3,282
South Carolina	15,042	15,725	16,753	17,479	32,074	42,522	743	1,742	1,891	2,400
Georgia	22,846	22,700	24,380	25,642	48,972	68,242	770	1,724	1,963	2,586
Florida	13,189	15,266	16,957	18,920	52,976	64,895	1,012	2,641	2,958	3,248
<b>East South Central</b>	73,127	74,683	77,538	78,868	158,040	189,818	758	1,780	1,983	-----
Kentucky	18,802	17,879	18,097	18,323	37,239	46,927	826	1,884	1,936	2,393
Tennessee	20,147	20,738	22,202	22,176	51,105	57,799	862	1,901	2,302	2,462
Alabama	19,405	20,653	21,612	22,353	47,176	58,725	744	1,957	2,111	2,537
Mississippi	14,773	15,413	15,627	16,016	22,520	26,367	559	1,256	1,416	1,617
<b>West South Central</b>	93,091	87,791	94,796	102,774	286,973	316,771	987	2,326	2,853	-----
Arkansas	12,852	12,598	12,845	13,014	24,109	25,408	584	1,545	1,801	1,884
Louisiana	14,830	14,135	15,652	16,369	50,239	57,164	1,006	2,236	2,983	3,124
Oklahoma	20,204	16,050	15,931	17,948	49,711	56,041	1,014	2,277	2,736	3,031
Texas	45,205	45,008	50,368	55,443	162,914	178,158	1,079	2,585	3,122	3,213
<b>Mountain</b>	33,662	34,435	36,937	39,733	118,717	142,334	1,290	2,663	3,003	-----
Montana	5,195	4,742	4,584	5,400	14,626	17,379	1,184	2,582	2,962	3,094
Idaho	4,513	3,979	4,449	4,498	11,653	13,620	1,057	2,239	2,481	2,849
Wyoming	2,551	2,514	2,548	2,745	7,530	9,112	1,169	2,187	2,798	3,157
Colorado	8,918	8,671	9,233	9,627	27,302	32,879	1,393	2,540	2,821	3,244
New Mexico	3,798	4,218	4,908	5,434	17,555	21,721	1,144	2,741	3,215	3,621
Arizona	3,384	4,500	5,146	5,516	19,357	23,317	1,544	3,136	3,556	4,021
Utah	4,417	4,728	4,911	5,218	16,777	19,599	1,394	2,968	3,103	3,420
Nevada	886	1,083	1,158	1,295	3,918	4,707	1,557	2,988	3,209	3,484
<b>Pacific</b>	56,183	71,146	79,959	88,538	345,949	435,550	2,101	3,533	4,006	-----
Washington	10,583	13,195	14,624	15,601	54,234	64,774	1,706	3,325	3,487	3,919
Oregon	7,296	8,544	10,226	11,269	36,789	45,205	1,333	2,941	3,323	3,679
California	238,304	49,407	55,109	61,668	254,926	325,671	2,351	3,690	4,268	34,163
Alaska <sup>4</sup>	302	449	528	722	2,305	2,909	( <sup>5</sup> )	3,588	4,269	3,958
American Samoa	65	105	163	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Canal Zone	200	280	309	344	1,200	1,436	1,634	2,650	3,519	3,870
Guam	139	212	269	307	( <sup>5</sup> )	964	309	( <sup>5</sup> )	( <sup>5</sup> )	3,079
Hawaii	3,091	2,968	3,214	3,424	11,903	13,094	1,830	3,639	3,508	3,608
Puerto Rico	6,066	8,574	8,958	9,251	14,265	17,556	834	1,499	1,509	1,794
Virgin Islands	117	170	148	173	( <sup>5</sup> )	281	680	( <sup>5</sup> )	( <sup>5</sup> )	1,487

<sup>1</sup> Excludes supervisors and principals except when not reported separately. <sup>2</sup> For 1938.

<sup>3</sup> Represents weighted average of median salaries of total instructional staff in elementary and secondary schools.

<sup>4</sup> Data do not include Federal schools for natives. <sup>5</sup> Not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistics of State School Systems.

**No. 139.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—VALUE OF PROPERTY AND EXPENDITURES, BY STATES AND OTHER AREAS: 1952**

[In thousands of dollars, except averages per pupil]

DIVISION, STATE, OR OTHER AREA	VALUE OF SCHOOL PROPERTY		EXPENDITURES						
	Total	Per pupil <sup>1</sup>	Total	Current expenditure for full-time day schools		Capital outlay	Inter- est	Adult, summer, and evening schools	
				Chargeable to pupils					
				Amount	Per pupil <sup>1</sup>				
<b>Continental U. S.</b>	13,954,650	\$600	7,344,237	5,680,643	\$244.24	41,519	1,477,332	114,310	30,432
<b>New England</b>	788,243	659	376,227	309,201	258.31	—	63,179	2,106	1,475
Maine	62,879	434	30,404	26,261	181.31	—	3,870	183	90
New Hampshire	70,218	1,048	20,567	17,106	254.63	—	3,124	179	157
Vermont	29,824	514	14,448	12,645	219.83	24	1,639	113	28
Massachusetts	376,301	657	180,708	152,855	266.96	240	26,868	—	744
Rhode Island	73,404	854	25,620	22,305	258.51	—	3,247	—	67
Connecticut	175,617	655	104,480	78,029	291.25	—	24,431	1,631	389
<b>Middle Atlantic</b>	3,439,096	901	1,503,633	1,192,636	312.62	—	265,347	31,730	7,986
New York	1,959,429	1,106	847,443	623,286	351.78	4,921	192,344	20,538	6,354
New Jersey	468,023	756	239,440	193,110	312.07	—	39,612	5,086	1,632
Pennsylvania	1,011,644	710	416,750	376,240	264.17	1,012	33,391	6,106	—
<b>E. North Central</b>	2,941,070	672	1,502,561	1,153,572	263.73	—	299,899	24,001	6,786
Ohio	799,910	684	375,104	271,861	232.44	840	91,940	7,789	2,674
Indiana	2 280,000	438	192,832	161,740	253.22	—	26,794	4,298	—
Illinois	702,733	648	422,337	315,977	291.48	17,145	81,218	7,997	—
Michigan	734,410	724	358,210	271,118	267.47	—	81,973	3,659	1,461
Wisconsin	424,017	908	154,078	132,876	284.58	319	17,974	258	2,651
<b>W. North Central</b>	1,428,968	652	661,613	541,993	247.15	—	112,290	7,131	85
Minnesota	301,651	659	155,306	126,824	276.92	—	26,332	2,066	85
Iowa	270,569	628	135,895	112,353	260.57	—	22,284	1,258	—
Missouri	310,684	549	141,105	119,786	211.63	—	20,185	1,134	—
North Dakota	68,192	649	29,312	26,894	256.21	—	2,110	308	—
South Dakota	54,030	505	31,009	26,848	250.72	—	3,889	273	—
Nebraska	134,895	652	56,061	50,834	245.54	117	4,719	392	—
Kansas	288,947	906	112,925	78,454	245.95	—	32,771	1,700	—
<b>South Atlantic</b>	1,651,931	440	937,958	696,195	185.45	—	218,742	10,039	6,772
Delaware	55,477	1,261	22,001	14,060	317.83	21	7,721	184	14
Maryland	205,919	622	125,237	80,378	242.62	104	40,956	2,703	1,097
Dist. of Columbia	78,921	928	31,262	25,743	301.19	—	5,166	—	354
Virginia	258,297	463	146,485	94,069	168.64	—	50,408	1,166	844
West Virginia	172,703	436	81,472	72,531	183.30	292	8,649	—	—
North Carolina	350,645	430	198,378	143,326	175.62	5,797	46,897	2,358	(3)
South Carolina	119,858	281	76,424	65,785	153.95	—	8,136	202	2,301
Georgia	212,307	333	122,993	105,707	165.81	—	16,254	1,032	—
Florida	197,804	431	133,706	94,596	206.12	—	34,555	2,394	2,162
<b>E. South Central</b>	592,090	277	351,949	293,958	137.69	—	49,429	1,872	6,563
Kentucky	191,165	397	81,231	72,647	150.65	90	4,949	793	2,752
Tennessee	2 100,000	1 168	115,053	88,031	148.07	—	23,067	530	3,426
Alabama	188,925	322	96,303	88,144	150.06	38	7,187	549	385
Mississippi	2 112,000	2 238	59,362	45,136	95.73	—	14,226	—	—
<b>W. South Central</b>	1,035,289	420	657,857	522,796	212.09	—	117,827	17,188	45
Arkansas	128,323	366	55,266	43,309	123.44	—	10,338	1,619	—
Louisiana	213,808	473	132,880	107,207	237.40	—	22,420	3,208	45
Oklahoma	4 191,041	472	105,686	91,625	226.36	—	13,188	873	—
Texas	502,117	399	364,025	280,655	223.29	—	71,881	11,488	—
<b>Mountain</b>	547,522	594	292,490	230,965	250.50	—	57,048	3,788	291
Montana	65,724	678	34,268	29,204	302.14	—	4,800	179	84
Idaho	63,077	2 548	30,190	24,379	211.64	—	5,441	370	—
Wyoming	39,095	782	18,825	15,717	311.63	—	2,846	262	—
Colorado	140,539	666	72,058	53,488	253.16	396	16,822	1,352	—
New Mexico	67,830	526	41,276	34,266	261.18	—	6,000	411	—
Arizona	4 61,896	487	46,627	36,486	262.71	—	9,566	574	—
Utah	83,753	547	39,950	29,974	196.36	—	9,389	429	157
Nevada	25,608	915	9,296	7,451	262.96	—	1,584	211	50
<b>Pacific</b>	1,530,442	637	1,059,946	739,329	307.67	—	293,566	16,457	430
Washington	325,300	845	141,195	109,190	283.77	—	30,503	1,072	430
Oregon	205,142	844	101,473	76,793	316.10	—	23,277	1,403	—
California	2 1,000,000	2 563	817,278	553,346	260.72	10,165	239,786	13,982	—
Alaska	(6)	—	5,881	4,664	322.51	—	1,218	—	—
Canal Zone	(9)	—	1,960	1,923	211.48	—	13	—	24
Hawaii	(6)	—	21,110	20,229	225.23	—	652	—	229
Guam	(6)	—	1,283	1,209	143.79	15	59	—	—
Puerto Rico	(6)	—	32,929	31,708	78.31	88	785	—	348
Virgin Islands	(6)	—	627	598	122.26	29	—	—	—

<sup>1</sup> Average (excluding interest) per pupil in average daily attendance. <sup>2</sup> Estimated.

<sup>3</sup> Small amount included in expenditure for day schools. <sup>4</sup> 1950.

<sup>5</sup> Computed amount furnished by State. <sup>6</sup> Not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistics of State School Systems.



No. 140.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, WHITE AND NEGRO, FOR 18 STATES: 1948, 1950, AND 1952

STATE	ENROLLMENT IN—						AVERAGE DAYS ATTENDANCE PER PUPIL ENROLLED, 1952	
	White schools			Negro schools			White	Negro
	1948	1950	1952	1948	1950	1952		
Total, 18 States.....	7,081,552	7,424,114	7,889,787	2,306,062	2,396,946	2,472,333	153.4	149.6
Alabama.....	416,172	437,779	439,901	230,702	242,287	239,373	153.5	150.6
Arkansas.....	304,760	305,287	316,445	98,948	101,797	100,101	145.8	141.6
Delaware.....	35,830	37,835	41,578	7,693	8,220	8,765	158.9	160.1
District of Columbia.....	53,751	50,573	50,174	43,763	45,750	51,606	143.7	154.8
Florida.....	299,320	333,454	411,179	108,285	116,382	127,531	151.7	159.1
Georgia.....	451,104	467,370	496,363	248,360	250,667	255,870	155.9	146.0
Kentucky.....	509,458	525,759	532,226	36,619	37,124	36,404	146.1	152.8
Louisiana.....	273,380	299,766	316,122	169,031	183,597	198,257	159.1	154.1
Maryland.....	234,797	261,417	302,016	67,619	73,601	80,715	158.6	155.1
Mississippi.....	259,418	263,643	267,565	259,988	263,797	268,348	153.4	133.7
Missouri.....	570,575	588,141	611,086	53,182	56,316	61,997	153.0	155.4
North Carolina.....	589,531	617,638	641,081	258,740	267,095	273,188	162.4	156.4
Oklahoma.....	421,065	403,570	473,374	35,009	37,693	36,902	143.7	151.9
South Carolina.....	251,353	272,305	284,541	207,457	221,880	227,658	154.7	142.2
Tennessee.....	524,473	552,858	565,892	103,966	106,927	110,780	154.9	157.5
Texas.....	1,078,242	1,152,914	1,249,156	200,798	201,253	206,592	151.5	149.7
Virginia.....	410,339	440,807	476,499	150,636	157,060	162,268	157.7	155.8
West Virginia.....	397,984	412,998	414,589	25,266	25,500	25,978	155.2	159.0

Source : Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistics of State School Systems.

No. 141.—PRIVATE ELEMENTARY AND SECONDARY SCHOOLS—INSTRUCTIONAL STAFF AND ENROLLMENT, BY STATES: 1952

[Includes data for kindergartens. Excludes data for private residential schools for exceptional children and private vocational and trade schools. Estimated on basis of earlier surveys]

STATE	In- struc- tional staff	NUMBER OF PUPILS			STATE	In- struc- tional staff	NUMBER OF PUPILS		
		Total	Elemen- tary	Second- ary			Total	Elemen- tary	Second- ary
Cont. U. S.....	124,055	3,809,364	3,153,548	655,816	Montana.....	465	13,182	10,617	2,565
Alabama.....	734	18,765	14,414	4,351	Nebraska.....	1,235	32,232	26,061	6,171
Arizona.....	327	10,296	8,285	2,011	Nevada.....	35	1,329	863	466
Arkansas.....	378	7,381	5,595	1,786	N. Hampshire.....	1,059	25,897	20,648	5,249
California.....	6,598	184,033	153,436	31,197	New Jersey.....	5,452	191,569	163,167	28,402
Colorado.....	1,083	26,856	21,468	5,388	New Mexico.....	811	20,131	16,909	3,222
Connecticut.....	2,892	70,283	55,748	14,535	New York.....	19,038	667,155	578,087	89,068
Delaware.....	485	10,876	9,215	1,661	North Carolina.....	600	8,192	5,945	2,247
Dist. of Col.....	775	20,555	15,145	5,410	North Dakota.....	542	12,928	10,468	2,460
Florida.....	1,098	27,637	22,026	5,611	Ohio.....	7,373	234,953	194,451	40,502
Georgia.....	677	11,780	7,211	4,569	Oklahoma.....	526	12,344	9,966	2,378
Idaho.....	158	4,187	3,572	615	Oregon.....	795	19,011	14,696	4,315
Illinois.....	9,121	337,315	282,518	54,797	Pennsylvania.....	11,970	380,000	313,353	66,647
Indiana.....	2,221	79,588	69,150	10,438	Rhode Island.....	1,394	39,932	30,938	8,994
Iowa.....	2,734	59,882	47,486	12,396	South Carolina.....	245	5,586	4,227	1,359
Kansas.....	1,314	34,672	29,699	4,973	South Dakota.....	452	10,856	8,993	1,863
Kentucky.....	1,997	54,429	41,500	12,929	Tennessee.....	888	18,270	11,676	6,594
Louisiana.....	2,971	94,637	78,267	16,370	Texas.....	2,758	85,649	73,989	11,660
Maine.....	1,260	35,767	24,603	11,164	Utah.....	152	2,515	2,114	401
Maryland.....	2,871	77,516	64,495	13,021	Vermont.....	588	13,373	9,313	4,060
Massachusetts.....	7,430	194,674	158,659	36,015	Virginia.....	1,074	23,072	17,005	6,067
Michigan.....	5,567	206,733	167,170	39,563	Washington.....	1,384	36,473	24,280	12,193
Minnesota.....	3,159	98,570	85,134	13,436	West Virginia.....	419	10,192	7,778	2,414
Mississippi.....	613	13,524	9,468	4,056	Wisconsin.....	4,807	156,836	136,052	20,784
Missouri.....	3,443	104,186	84,943	19,243	Wyoming.....	87	2,945	2,745	200

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistics of State School Systems.



No. 142.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY  
GRADE: 1940 TO 1952

SCHOOL AND GRADE	1940	1942	1944	1946	1948	1950	1952
<b>Pupils enrolled</b> .....	25, 433, 542	24, 562, 473	23, 266, 616 <sup>a</sup>	23, 299, 941	23, 944, 532	25, 111, 427	26, 562, 663
<b>Elementary schools</b> .....	18, 832, 098	18, 174, 668	17, 713, 096	17, 677, 744	18, 291, 227	19, 404, 693	20, 680, 866
Kindergarten.....	594, 647	625, 783	697, 468	772, 957	988, 680	1, 034, 203	1, 272, 126
First.....	3, 018, 463	2, 930, 762	2, 878, 843	2, 894, 588	2, 951, 300	3, 170, 343	2, 957, 485
Second.....	2, 333, 076	2, 215, 100	2, 220, 739	2, 318, 502	2, 363, 477	2, 644, 707	2, 670, 162
Third.....	2, 331, 559	2, 175, 245	2, 162, 878	2, 190, 617	2, 258, 858	2, 395, 904	2, 717, 947
Fourth.....	2, 321, 867	2, 196, 732	2, 079, 788	2, 094, 352	2, 183, 171	2, 254, 028	2, 559, 115
Fifth.....	2, 247, 692	2, 166, 018	2, 016, 635	2, 006, 120	2, 055, 115	2, 150, 678	2, 320, 132
Sixth.....	2, 176, 133	2, 124, 494	1, 997, 806	1, 910, 028	1, 939, 500	2, 055, 741	2, 165, 741
Seventh.....	2, 107, 667	2, 060, 752	1, 964, 997	1, 836, 897	1, 897, 740	1, 947, 227	2, 082, 533
Eighth.....	1, 700, 994	1, 679, 782	1, 693, 942	1, 653, 683	1, 653, 386	1, 751, 862	1, 935, 625
<b>High schools</b> .....	6, 601, 444	6, 387, 805	5, 553, 520	5, 622, 197	5, 653, 305	5, 706, 734	5, 881, 797
First year.....	2, 011, 341	1, 927, 040	1, 774, 593	1, 728, 499	1, 672, 920	1, 756, 303	1, 819, 732
Second year.....	1, 767, 312	1, 705, 746	1, 519, 638	1, 555, 302	1, 502, 743	1, 611, 906	1, 582, 142
Third year.....	1, 485, 603	1, 450, 788	1, 230, 168	1, 255, 907	1, 271, 645	1, 273, 826	1, 337, 930
Fourth year.....	1, 281, 735	1, 273, 141	1, 009, 611	1, 032, 420	1, 130, 805	1, 122, 872	1, 110, 638
Postgraduate.....	55, 453	31, 090	19, 510	50, 069	75, 192	41, 827	31, 355

No. 143.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—EXPENDITURE PER  
PUPIL, BY PURPOSE: 1930 TO 1952

PURPOSE OF EXPENDITURE	1930		1940		1950 <sup>2</sup>		1952 <sup>2</sup>	
	Per pupil <sup>1</sup>	Percent	Per pupil <sup>1</sup>	Percent	Per pupil <sup>1</sup>	Percent	Per pupil <sup>1</sup>	Percent
<b>Total current expenditure</b> .....	\$86.70	100.0	\$88.09	100.0	\$208.83	100.0	\$244.24	100.0
Administration (general control).....	3.70	4.3	4.15	4.7	9.88	4.7	11.42	4.7
Instruction.....	61.97	71.5	63.66	72.3	139.67	66.9	162.61	66.6
Salaries <sup>3</sup> .....	58.80	67.9	59.63	67.7	131.35	62.9	152.61	62.5
Textbooks and supplies.....	3.17	3.6	4.03	4.6	8.32	4.0	10.00	4.1
Operation.....	10.16	11.7	8.82	10.0	19.19	9.2	21.87	9.0
Maintenance.....	3.71	4.3	3.33	3.8	9.61	4.6	10.69	4.4
Auxiliary services.....	4.80	5.5	5.86	6.6	18.78	9.0	23.04	9.4
Fixed charges.....	2.36	2.7	2.27	2.6	11.70	5.6	14.61	6.0
Capital outlay.....	17.44	-----	11.70	-----	45.51	-----	63.52	-----
Interest.....	4.35	-----	5.94	-----	4.51	-----	4.92	-----

<sup>1</sup> Average (excluding interest) per pupil in average daily attendance. <sup>2</sup> Expenditures for community services, etc., not included. <sup>3</sup> Salaries of instructional staff and clerical assistants.

Source of tables 142 and 143: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistics of State School Systems.

No. 144.—HIGH-SCHOOL AND COLLEGE GRADUATES—NUMBER, BY SEX: 1890  
TO 1952

[Data cover graduates of both public and private institutions. See also table 154]

YEAR OF GRADUATION	HIGH SCHOOL			COLLEGE		
	Total	Men	Women	Total	Men	Women
1890.....	43, 731	18, 549	25, 182	<sup>1</sup> 15, 539	12, 857	2, 682
1900.....	94, 883	38, 075	56, 808	<sup>1</sup> 27, 410	22, 173	5, 237
1910.....	156, 429	63, 676	92, 753	<sup>1</sup> 37, 199	28, 762	8, 437
1920.....	311, 266	123, 684	187, 582	48, 622	31, 980	16, 642
1930.....	666, 904	300, 376	366, 528	122, 484	73, 615	48, 869
1940.....	1, 221, 475	578, 718	642, 757	186, 500	109, 546	76, 954
1946.....	1, 080, 033	466, 926	613, 107	136, 174	58, 664	77, 510
1948.....	1, 189, 909	562, 863	627, 046	271, 019	175, 456	95, 563
1950.....	1, 199, 700	570, 700	629, 000	432, 058	328, 841	103, 217
1952.....	1, 055, 586	501, 723	553, 863	329, 986	225, 981	104, 005

<sup>1</sup> Revised. Distribution by sex estimated.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistical Summary of Education.

## No. 145.—SCHOOL AND COLLEGE ENROLLMENT AND EXPENDITURES: 1900 TO 1952

ITEM	1900	1910	1920	1930	1940	1950	1952
<b>ENROLLMENT</b>							
<b>Elementary schools, total</b>	16, 261, 846	18, 528, 535	20, 963, 722	23, 717, 796	21, 106, 655	22, 201, 505	23, 933, 465
Kindergartens:							
Public	131, 657	<sup>1</sup> 293, 970	481, 266	723, 443	594, 647	1, 034, 203	1, 272, 126
Nonpublic	93, 737	<sup>1</sup> 52, 219	29, 683	54, 456	57, 341	<sup>2</sup> 133, 000	<sup>2</sup> 232, 000
Residential schools for exceptional children <sup>3</sup>	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	<sup>5</sup> 5, 164	5, 777	<sup>5</sup> 4, 459	<sup>7</sup> 8, 000
<b>Elementary schools:</b>							
Public	14, 852, 202	16, 604, 821	18, 897, 661	20, 555, 150	18, 237, 451	18, 370, 490	19, 408, 740
Nonpublic	1, 147, 188	1, 506, 218	1, 455, 878	2, 255, 430	2, 095, 938	2, 574, 777	<sup>7</sup> 2, 921, 548
Elementary grades in college and teacher-training elementary schools <sup>3</sup>	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	59, 547	35, 682	37, 151
Residential schools for exceptional children <sup>3</sup>	37, 062	71, 307	<sup>5</sup> 99, 234	<sup>5</sup> 124, 153	55, 954	<sup>6</sup> 48, 894	<sup>7</sup> 53, 900
<b>Secondary schools, total</b>	699, 403	1, 115, 398	2, 500, 176	4, 804, 255	7, 123, 009	6, 427, 042	6, 587, 895
Public high schools <sup>9</sup>	519, 251	915, 061	2, 200, 389	4, 399, 422	6, 601, 444	5, 706, 734	5, 881, 797
Nonpublic high schools	110, 797	117, 400	213, 920	<sup>10</sup> 341, 158	457, 768	672, 362	<sup>7</sup> 655, 816
Secondary grades in college and teacher-training secondary schools <sup>3</sup>	65, 855	78, 932	81, 367	59, 287	54, 070	38, 162	39, 082
Residential schools for exceptional children <sup>3</sup>	3, 500	4, 005	<sup>8</sup> 4, 500	<sup>5</sup> 4, 388	9, 727	<sup>6</sup> 9, 784	<sup>7</sup> 11, 200
<b>Higher education, total</b>	237, 592	355, 215	597, 880	1, 100, 737	1, 494, 203	2, 659, 021	2, 301, 884
Publicly controlled	<sup>7</sup> 90, 689	<sup>7</sup> 166, 560	<sup>7</sup> 315, 382	<sup>7</sup> 532, 647	796, 531	1, 354, 902	1, 155, 557
Privately controlled	<sup>7</sup> 146, 903	<sup>7</sup> 188, 655	<sup>7</sup> 282, 498	<sup>7</sup> 568, 090	697, 672	1, 304, 119	1, 146, 327
<b>EXPENDITURES (\$1,000) <sup>11</sup></b>							
Public elementary and secondary schools <sup>12</sup>	214, 965	426, 250	1, 036, 151	2, 316, 790	2, 344, 049	5, 837, 643	7, 344, 237
Private elementary and secondary schools <sup>7 12</sup>	( <sup>4</sup> )	53, 542	( <sup>4</sup> )	233, 277	227, 000	782, 967	1, 191, 112
Public institutions of higher education <sup>13</sup>	45, 786	91, 896	115, 597	288, 909	<sup>14</sup> 332, 592	<sup>14</sup> 1, 174, 125	<sup>14</sup> 1, 313, 083
Private institutions of higher education <sup>13</sup>			100, 769	343, 340	<sup>14</sup> 273, 163	<sup>14</sup> 949, 150	<sup>14</sup> 1, 017, 208

<sup>1</sup> 1912 data. <sup>2</sup> Census estimates. <sup>3</sup> Public and nonpublic. <sup>4</sup> Not available. <sup>5</sup> 1927 data.

<sup>6</sup> 1946 data. <sup>7</sup> Estimated. <sup>8</sup> 1918 data.

<sup>9</sup> Data from high school reports through 1920; later data from Statistics of State School Systems. <sup>10</sup> 1928 data.

<sup>11</sup> Includes capital outlay. <sup>12</sup> Excludes pupils in residential schools for exceptional children.

<sup>13</sup> Expenditures for all departments, including preparatory.

<sup>14</sup> Excludes expenditures for auxiliary enterprises and activities, scholarships, fellowships, prizes, and other noneducational current expenditures included in prior years, amounting to \$59,034,000 for public institutions and \$93,665,000 for private institutions for 1940; \$255,474,000 and \$283,743,000 for 1950; and \$252,322,000 and \$291,476,000 for 1952.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistical Summary of Education.

## No. 146.—JUNIOR COLLEGES—NUMBER AND ENROLLMENT: 1918 TO 1952

YEAR	ALL SCHOOLS REPORTING		PUBLICLY CONTROLLED		PRIVATELY CONTROLLED	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1918	46	4, 504	14	1, 367	32	3, 137
1920	52	8, 102	10	2, 940	42	5, 162
1922	80	12, 124	17	4, 771	63	7, 353
1924	132	20, 559	39	9, 240	93	11, 319
1926	153	27, 095	47	13, 859	106	13, 236
1928	248	44, 855	114	28, 437	134	16, 418
1930	277	55, 616	129	36, 501	148	19, 115
1932	342	85, 063	159	58, 887	183	26, 176
1934	322	78, 480	152	55, 869	170	22, 611
1936	415	102, 453	187	70, 557	228	31, 896
1938	453	121, 510	209	82, 041	244	39, 469
1940	456	149, 854	217	107, 553	239	42, 301
1942	461	141, 272	231	100, 783	230	40, 489
1944	413	89, 208	210	60, 884	203	28, 324
1946	464	156, 456	242	109, 640	222	46, 816
1948	472	240, 173	242	178, 196	230	61, 977
1950	483	242, 740	256	187, 695	227	55, 045
1952 <sup>1</sup>	506	231, 175	291	184, 054	215	47, 121

<sup>1</sup> Includes 26 publicly controlled junior colleges (designated as normal schools) having a combined enrollment of 1,184.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistics of Higher Education, Section 1.



**No. 147.—INSTITUTIONS OF HIGHER EDUCATION—STAFF, ENROLLMENT, AND RECIPIENTS OF DEGREES, BY SEX, AND INCOME AND EXPENDITURES: 1940 TO 1952**

[All money figures in thousands of dollars. Data cover universities, colleges, professional schools, junior colleges, teachers' colleges, and normal schools, both publicly and privately controlled, regular session. For student enrollment and total expenditures for earlier years, see table 145]

ITEM	1940	1944	1946 <sup>1</sup>	1948 <sup>1</sup>	1950 <sup>1</sup>	1952 <sup>1</sup>
Number of institutions reporting staff, enrollment, and degrees conferred	1,708	1,650	1,768	1,788	1,851	1,832
<b>Staff (reduced to full-time basis), total</b>	<b>131,552</b>	<b>134,451</b>	<b>136,032</b>	<b>196,300</b>	<b>210,349</b>	<b>198,477</b>
Men	94,536	93,794	93,876	143,243	157,691	150,041
Women	37,016	40,657	42,156	53,057	52,658	48,436
<b>Resident college enrollment, total</b>	<b>1,494,203</b>	<b>1,155,272</b>	<b>1,676,851</b>	<b>2,616,262</b>	<b>2,659,021</b>	<b>2,301,884</b>
Men	893,250	578,948	927,662	1,836,339	1,853,068	1,510,650
Women	600,953	576,324	749,189	779,923	805,953	791,234
<b>Degrees conferred:</b>						
Baccalaureate and first professional	186,500	125,863	136,174	271,019	432,058	329,986
Men	109,546	55,865	58,664	175,456	328,841	225,981
Women	76,954	69,998	77,510	95,563	103,217	104,005
Masters, including advanced engineering (men and women)	26,731	13,414	19,209	42,400	58,183	63,534
Doctors (men and women)	3,290	2,305	1,966	4,188	6,633	7,683
Number of institutions reporting income and expenditures	1,609	1,563	1,768	1,788	1,851	1,832
<b>Current income</b>	<b>715,211</b>	<b>1,047,298</b>	<b>1,169,394</b>	<b>2,027,052</b>	<b>2,374,645</b>	<b>2,562,451</b>
Educational and general income	571,288	863,654	924,958	1,538,076	1,833,845	2,020,878
Student fees	200,897	154,485	214,344	304,601	394,610	446,591
Endowment earnings	71,304	75,196	89,763	86,680	96,341	112,859
Federal Government	38,860	308,163	197,250	526,476	524,319	451,011
State governments	151,222	175,169	225,161	352,281	491,636	611,302
Local governments	24,392	26,449	31,005	47,521	61,700	72,013
Private gifts and grants	40,453	50,449	77,572	91,468	118,627	149,826
Organized activities related to instructional departments	32,777	53,576	67,084	92,725	111,987	136,442
Miscellaneous	11,383	20,167	22,779	36,324	34,625	40,835
Auxiliary enterprises and activities	143,923	183,644	244,436	465,155	511,265	509,545
Other noneducational income <sup>2</sup>				23,821	29,535	32,027
Receipts for plant expansion	66,209	22,587	121,837	364,901	528,747	364,569
Receipts for increase of funds and other nonexpendable funds	44,518	69,688	(4)	<sup>5</sup> 75,881	116,932	164,308
<b>Current expenditures</b>	<b>674,689</b>	<b>974,117</b>	<b>1,088,422</b>	<b>1,883,269</b>	<b>2,245,661</b>	<b>2,471,008</b>
Educational and general	521,990	753,845	820,326	1,391,594	1,706,444	1,921,209
Administration and general expense	62,827	69,668	104,808	171,829	213,070	233,844
Resident instruction	280,243	334,188	375,122	657,945	780,994	823,117
Organized research	27,266	58,456	86,812	159,090	225,341	317,927
Libraries	19,487	20,452	26,560	44,208	56,147	60,612
Plant operation and maintenance	69,612	81,201	110,947	201,996	225,110	240,446
Organized activities related to instruction	27,225	48,415	60,604	85,346	119,108	147,854
Extension	35,325	44,421	55,473	71,180	86,674	97,408
Other		<sup>6</sup> 97,044				
Auxiliary enterprises and activities	124,184	199,344	242,028	438,988	476,401	477,672
Other noneducational expenditures	28,514	20,928	26,068	52,687	62,816	72,127
Expenditures for plant expansion	83,765	27,427	71,403	306,371	416,831	409,080

<sup>1</sup> Includes estimates for institutions not reporting.

<sup>2</sup> Includes 277,755 full time regular session military students.

<sup>3</sup> Not reported separately prior to 1948.

<sup>4</sup> Not available.

<sup>5</sup> Represents receipts from private gifts and grants only; other sources of permanent funds comparatively minor.

<sup>6</sup> Consists of "Federal contract courses" only.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistics of Higher Education.

**No. 148.—INSTITUTIONS OF HIGHER EDUCATION—FALL ENROLLMENT, BY TYPE OF INSTITUTION: 1953 TO 1955**

[Year shown is school year beginning in September of prior year. Includes estimates. 1953 data based on returns from 1,845 of a total 1,907 institutions covered; 1954 on returns from 1,862 of a total 1,871; and 1955 on returns from 1,853 of a total 1,857. Includes data for Territories and possessions]

TYPE	1953			1954		1955	
	Total enrollment	First-time students	Veterans	Total enrollment	First-time students	Total enrollment	First-time students
<b>All institutions</b>	<b>2,148,284</b>	<b>536,879</b>	<b>232,880</b>	<b>2,250,701</b>	<b>571,533</b>	<b>2,499,750</b>	<b>642,420</b>
Universities, colleges, and professional schools	1,735,232	374,950	205,217	1,794,214	390,766	1,967,734	438,556
Teachers' colleges	173,540	50,987	10,398	196,220	54,899	216,032	61,962
Junior colleges	239,512	110,942	17,265	260,267	125,868	315,984	141,902

Source: Department of Health, Education, and Welfare, Office of Education; *Fall Enrollment in Higher Educational Institutions*.

**NO. 149.—SURVIVAL RATE PER 1,000 STUDENTS OF THOSE ATTENDING SCHOOL  
FROM FIFTH GRADE THROUGH COLLEGE**

GRADE OR YEAR	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
Elementary: Fifth <sup>1</sup> -----	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Sixth-----	935	944	953	946	954	954	955	963	968	952	954	972	952
Seventh-----	889	895	892	889	895	901	908	916	910	905	909	914	929
Eighth-----	831	836	842	839	849	850	853	846	836	834	847	870	858
High school: I-----	786	792	803	814	839	811	796	781	781	789	807	827	848
II-----	664	688	711	725	704	679	655	673	697	698	713	745	748
III-----	570	594	610	587	554	519	532	552	566	581	604	629	650
IV-----	510	489	512	466	425	428	444	476	507	514	533	557	549
Graduates-----	455	462	467	439	393	398	419	450	481	488	505	515	522
Year of graduation-----	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
College: I-----	160	142	129	119	121	(2)	(2)	(2)	(2)	(2)	225	(2)	(2)
Graduates-----	47	49	51	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Year of graduation-----	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956

<sup>1</sup> Fourth grade in 11-grade system; fifth grade in 12-grade system.

<sup>2</sup> Because of veteran students, it is not possible to calculate retention rates.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistical Summary of Education.

**NO. 150.—INSTITUTIONS OF HIGHER EDUCATION—FACULTY, STUDENTS, AND  
EARNED DEGREES CONFERRED IN NEGRO INSTITUTIONS: 1940 TO 1952**

ITEM	1940	1950	Total	1952				
				Universities, colleges, and professional schools		Teachers, colleges and normal schools <sup>1</sup>	Junior colleges	
				Publicly controlled	Privately controlled		Publicly controlled	Privately controlled
Number of institutions-----	104	105	104	22	52	13	3	14
Faculty (full-time equivalent)-----	3,922	6,600	6,206	2,895	2,505	542	31	233
Men-----	2,311	3,936	3,820	1,832	1,584	265	20	119
Women-----	1,611	2,664	2,386	1,063	921	277	11	114
RESIDENT COLLEGE STUDENTS								
Regular session:								
Total-----	42,504	<sup>2</sup> 76,561	71,554	29,352	30,593	9,595	644	1,370
Men-----	17,921	40,677	31,776	13,986	14,362	2,579	326	523
Women-----	24,583	35,884	39,778	15,366	16,231	7,016	318	847
Graduate-----	661	2,304	3,149	1,193	1,571	385		
Men-----	294	1,161	1,543	619	839	85		
Women-----	367	1,143	1,606	574	732	300		
First time in any college-----	14,612	21,368	20,536	9,029	7,739	2,828	231	659
Men-----	6,254	10,613	8,370	4,155	3,159	716	111	229
Women-----	8,358	10,755	12,166	4,874	4,580	2,112	170	430
EARNED DEGREES CONFERRED <sup>3</sup>								
Bachelor's and first professional-----	5,302	13,108	11,265	4,262	5,153	1,850		
Men-----	2,078	6,467	4,508	1,816	2,253	439		
Women-----	3,224	6,641	6,757	2,446	2,900	1,411		
Master's and second professional-----	145	768	984	528	373	83		
Men-----	56	335	404	215	164	25		
Women-----	89	433	580	313	209	58		
OTHER TYPES OF STUDENTS								
Extension and correspondence students <sup>4</sup> -----			10,648	7,204	2,926	369		149
Collegiate-----			10,360	6,998	2,921	329		112
Noncollegiate-----			288	206	5	40		37
Short-course enrollment <sup>4</sup> -----			1,691	1,502	189			

<sup>1</sup> All publicly controlled.

<sup>2</sup> Includes special students (less than 2 percent of total) omitted from breakdown by level.

<sup>3</sup> Doctorate not conferred at any institution in this group. <sup>4</sup> Entire year.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistics of Higher Education, Section 1.



**No. 151.—INSTITUTIONS OF HIGHER EDUCATION—FALL ENROLLMENT OF TOTAL AND OF FIRST-TIME STUDENTS, BY SEX, BY STATES AND OTHER AREAS: 1955**

[Includes 5 U. S. Service Academies. See headnote, table 148]

DIVISION, STATE, OR OTHER AREA	TOTAL ENROLLMENT			FIRST-TIME STUDENTS		
	Total	Men	Women	Total	Men	Women
<b>Continental U. S.</b> .....	2,477,847	1,590,139	887,708	636,208	392,537	243,671
<b>New England</b> .....	170,183	113,041	57,142	46,190	30,332	15,858
Maine.....	8,446	5,716	2,730	2,510	1,608	902
New Hampshire.....	8,665	5,898	2,767	2,642	1,698	944
Vermont.....	7,037	4,118	2,919	2,165	1,203	962
Massachusetts.....	97,655	64,782	32,873	27,142	17,922	9,220
Rhode Island.....	12,496	7,640	4,856	3,526	2,269	1,257
Connecticut.....	35,884	24,887	10,997	8,205	5,632	2,573
<b>Middle Atlantic</b> .....	485,497	324,033	161,464	99,730	66,133	33,597
New York.....	294,870	191,585	103,285	55,836	35,867	19,969
New Jersey.....	51,577	36,235	15,342	11,098	7,680	3,418
Pennsylvania.....	139,050	96,213	42,837	32,796	22,586	10,210
<b>East North Central</b> .....	486,325	310,104	176,221	118,186	71,853	46,333
Ohio.....	121,404	78,353	43,051	30,158	18,666	11,492
Indiana.....	67,866	46,365	21,501	17,109	10,950	6,159
Illinois.....	139,582	88,483	51,099	31,759	18,694	13,065
Michigan.....	107,074	67,209	39,865	24,632	15,155	9,477
Wisconsin.....	50,399	29,694	20,705	14,528	8,388	6,140
<b>West North Central</b> .....	227,168	139,722	87,446	64,122	37,114	27,008
Minnesota.....	54,711	32,441	22,270	12,780	7,163	5,617
Iowa.....	40,602	23,849	16,753	12,230	6,885	5,345
Missouri.....	58,229	37,951	20,278	15,553	9,102	6,451
North Dakota.....	7,815	4,975	2,840	2,995	1,586	1,409
South Dakota.....	9,306	5,558	3,748	3,331	2,038	1,293
Nebraska.....	22,375	13,555	8,820	5,978	3,541	2,437
Kansas.....	34,130	21,393	12,737	11,255	6,799	4,456
<b>South Atlantic</b> .....	292,381	182,450	109,931	75,111	44,718	30,393
Delaware.....	5,119	3,171	1,948	867	500	367
Maryland.....	40,592	28,751	11,841	9,008	5,893	3,115
Dist. of Columbia.....	34,068	22,920	11,148	5,524	3,263	2,261
Virginia.....	40,007	22,037	17,970	10,358	5,275	5,083
West Virginia.....	20,453	12,551	7,902	5,929	3,832	2,097
North Carolina.....	46,870	27,857	19,013	14,922	8,599	6,323
South Carolina.....	26,177	14,887	11,290	6,227	3,566	2,661
Georgia.....	39,402	25,302	14,100	11,881	7,318	4,563
Florida.....	39,693	24,974	14,719	10,395	6,472	3,923
<b>East South Central</b> .....	129,202	79,450	49,752	36,410	21,156	15,254
Kentucky.....	30,907	18,644	12,263	8,366	4,776	3,590
Tennessee.....	40,219	24,976	15,243	11,694	6,962	4,732
Alabama.....	33,963	21,198	12,765	9,323	5,573	3,750
Mississippi.....	24,113	14,632	9,481	7,027	3,845	3,182
<b>West South Central</b> .....	241,374	159,212	82,162	66,567	42,106	24,461
Arkansas.....	17,975	10,999	6,976	5,557	3,452	2,105
Louisiana.....	39,758	24,778	14,980	10,348	6,429	3,919
Oklahoma.....	44,791	31,528	13,263	11,985	8,345	3,640
Texas.....	138,850	91,907	46,943	38,677	23,880	14,797
<b>Mountain</b> .....	99,847	64,310	35,537	29,774	18,375	11,399
Montana.....	7,834	5,030	2,804	2,713	1,654	1,059
Idaho.....	7,953	5,107	2,846	3,081	2,007	1,074
Wyoming.....	4,330	2,730	1,600	1,342	806	536
Colorado.....	28,884	18,209	10,675	8,124	4,829	3,295
New Mexico.....	10,027	7,146	2,881	2,534	1,783	751
Arizona.....	15,687	9,983	5,704	4,411	2,776	1,635
Utah.....	23,369	14,957	8,412	7,151	4,239	2,912
Nevada.....	1,763	1,143	615	418	281	137
<b>Pacific</b> .....	345,870	217,817	128,053	100,118	60,750	39,368
Washington.....	41,881	26,845	15,036	11,837	7,096	4,741
Oregon.....	26,485	17,019	9,466	7,903	4,916	2,987
California.....	277,504	173,953	103,551	80,378	48,738	31,640
Alaska.....	409	283	126	145	110	35
Canal Zone.....	262	127	135	199	95	104
Guam.....	219	115	104	101	77	24
Hawaii.....	5,364	3,072	2,292	1,348	758	590
Puerto Rico.....	15,649	8,248	7,401	4,419	2,657	1,762

Source: Department of Health, Education, and Welfare, Office of Education; *Fall Enrollment in Higher Educational Institutions*.

# No. 152.—INSTITUTIONS OF HIGHER EDUCATION—NUMBER, STAFF, AND ENROLLMENT, BY STATES AND OTHER AREAS: 1952

[See beadnote, table 147]

DIVISION, STATE, OR OTHER AREA	Number of institutions	STAFF (reduced to full-time basis) <sup>1</sup>		RESIDENT COLLEGE ENROLLMENT IN REGULAR SESSION							Fresh- men, both sexes
		Men	Women	Total <sup>2</sup>		Undergraduate		Graduate			
				Men	Women	Men	Women	Men	Women	Men	
Continental U. S.	1,832	150,041	48,436	1,510,650	791,234	1,225,890	652,017	171,363	61,964	529,950	
New England	157	13,847	3,353	111,855	50,246	94,722	42,714	10,739	3,072	37,002	
Maine	16	608	229	4,909	2,790	4,740	2,731	108	7	2,264	
New Hampshire	9	736	215	6,052	2,431	5,689	2,196	290	37	2,373	
Vermont	13	524	213	4,237	2,897	4,098	2,692	78	24	2,134	
Massachusetts	79	8,738	1,712	66,638	30,706	53,402	24,771	7,872	2,293	20,135	
Rhode Island	12	880	259	7,203	3,196	6,723	3,012	430	119	3,006	
Connecticut	28	2,361	725	22,816	8,226	20,070	7,312	1,961	592	7,091	
Middle Atlantic	275	28,775	8,128	328,632	162,405	233,686	114,975	52,855	18,647	83,456	
New York	129	17,079	5,133	203,232	109,290	136,571	73,297	36,171	14,399	49,611	
New Jersey	36	2,706	609	30,526	10,808	24,446	9,235	4,087	559	10,067	
Pennsylvania	110	8,990	2,386	94,874	42,307	72,669	32,443	12,597	3,689	23,778	
East North Central	319	26,373	8,658	309,568	154,707	246,571	126,843	33,543	12,007	99,162	
Ohio	69	7,018	2,127	84,694	41,959	65,759	33,277	5,836	2,154	25,534	
Indiana	38	3,986	1,148	43,009	20,728	36,702	17,637	5,675	2,096	14,868	
Illinois	100	7,242	2,733	91,563	45,467	71,240	36,999	10,723	3,571	29,233	
Michigan	47	4,995	1,427	62,272	31,017	48,923	24,604	8,183	3,434	18,880	
Wisconsin	65	3,132	1,223	28,030	15,536	23,947	14,326	3,126	752	10,647	
West North Central	240	15,137	6,113	128,557	72,855	108,258	64,131	12,416	3,130	52,981	
Minnesota	42	3,060	1,343	27,209	16,250	23,451	15,370	3,514	564	11,147	
Iowa	47	3,312	1,248	23,188	13,396	20,116	11,938	2,767	664	9,310	
Missouri	54	3,663	1,406	37,257	20,745	28,712	16,684	3,138	1,094	13,960	
North Dakota	13	600	222	4,843	2,757	3,874	2,274	379	69	2,684	
South Dakota	15	658	211	4,354	2,244	4,115	2,085	155	15	2,162	
Nebraska	24	1,539	612	11,656	6,379	10,421	5,759	881	245	4,762	
Kansas	45	2,305	1,071	20,050	11,084	17,569	10,021	1,582	479	8,956	
South Atlantic	281	20,106	7,230	165,601	96,094	141,863	82,335	16,122	6,905	61,970	
Delaware	5	339	80	2,227	982	1,518	801	663	124	635	
Maryland	32	3,056	816	23,937	10,335	19,140	8,077	2,607	643	6,684	
District of Columbia	22	2,630	588	25,532	11,875	17,434	8,025	5,347	2,098	5,555	
Virginia	44	2,555	1,173	19,449	13,499	17,518	12,539	791	356	8,771	
West Virginia	22	1,162	475	11,679	7,334	10,797	6,540	691	528	4,579	
North Carolina	55	3,709	1,498	24,772	18,075	22,508	16,243	1,899	713	12,292	
South Carolina	32	1,624	684	12,792	7,919	11,895	7,262	670	378	5,923	
Georgia	51	2,452	1,030	22,801	14,241	20,968	12,489	1,406	961	8,597	
Florida	18	2,579	886	22,412	11,834	20,085	10,354	2,048	1,104	8,934	
East South Central	149	8,232	3,723	71,147	47,387	61,768	41,578	5,942	2,821	29,603	
Kentucky	39	1,619	877	17,587	11,431	14,129	9,681	1,265	477	6,789	
Tennessee	46	2,851	996	23,744	15,485	20,355	13,248	2,597	1,211	9,555	
Alabama	26	2,231	1,009	18,439	11,566	16,821	10,418	1,311	741	7,079	
Mississippi	38	1,531	841	11,377	8,905	10,463	8,231	769	392	6,180	
West South Central	169	12,817	4,772	145,012	77,916	126,738	66,357	12,861	7,743	55,528	
Arkansas	23	1,303	535	11,045	6,771	9,515	5,690	643	470	4,823	
Louisiana	20	2,844	1,023	21,976	12,867	18,714	11,379	1,607	587	8,655	
Oklahoma	31	2,118	807	25,857	12,308	23,203	10,628	1,780	886	9,095	
Texas	95	6,552	2,407	86,134	45,970	75,306	38,660	8,831	5,800	32,955	
Mountain	64	5,973	1,640	60,801	31,479	52,002	27,252	6,012	1,880	24,056	
Montana	11	588	190	4,748	2,935	4,365	2,787	358	75	2,274	
Idaho	7	612	146	4,678	2,121	4,432	1,941	185	51	2,295	
Wyoming	2	319	96	2,391	1,369	2,159	1,235	211	64	1,115	
Colorado	20	1,976	576	19,507	10,756	15,631	8,872	2,467	758	6,622	
New Mexico	9	673	148	6,568	2,915	4,996	2,073	892	341	2,107	
Arizona	6	630	187	8,223	4,404	7,572	3,984	583	253	3,249	
Utah	8	1,042	246	13,803	6,504	12,037	5,936	1,277	310	6,003	
Nevada	1	133	51	883	475	810	424	39	28	391	
Pacific	173	17,520	4,819	180,696	98,144	152,347	85,832	20,504	5,759	84,197	
Washington	26	2,186	819	24,475	12,743	21,299	11,468	2,772	819	10,680	
Oregon	22	1,627	503	16,276	9,548	14,775	8,955	1,232	276	7,138	
California	125	13,707	3,497	139,945	75,853	116,273	65,409	16,500	4,664	66,379	
U. S. Service Academies	5	1,261	-----	8,781	1	7,935	-----	369	-----	1,995	
Alaska	1	96	26	226	85	183	51	11	2	133	
Canal Zone	1	11	3	61	46	61	46	-----	-----	77	
Hawaii	1	326	112	2,805	2,294	2,603	2,043	188	224	1,214	
Puerto Rico	2	665	482	5,772	6,323	5,765	6,304	7	19	2,870	

<sup>1</sup> Includes administrative officers, extension service, and organized research, in addition to regular staff.  
<sup>2</sup> Includes special and unclassified students not shown separately.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistics of Higher Education, Section 1.



**No. 153.—INSTITUTIONS OF HIGHER EDUCATION—VALUE OF PROPERTY, ENDOWMENTS, AND OTHER PERMANENT FUNDS, INCOME AND EXPENDITURES, BY STATES AND OTHER AREAS: 1952**

(In thousands of dollars)

DIVISION, STATE, OR OTHER AREA	Value of plant and plant funds <sup>1</sup>	NONEXPENDABLE FUNDS*		INCOME FOR—			EXPENDITURES	
		Endow- ment and an- nuity funds <sup>2</sup>	Student loan funds	Current opera- tions	Nonex- pend- able funds	Plant expan- sion	Current opera- tions	Plant expan- sion
<b>Continental U. S.</b> .....	6,755,915	2,943,170	46,784	2,562,451	164,308	364,569	2,471,008	409,080
<b>New England</b> .....	639,500	653,295	9,447	225,441	38,049	26,443	219,348	28,241
Maine.....	31,303	21,738	150	10,090	420	2,126	9,777	1,038
New Hampshire.....	28,545	32,008	863	12,632	1,825	127	12,420	411
Vermont.....	22,407	11,821	1,905	10,114	260	713	9,860	1,071
Massachusetts.....	350,050	406,080	4,747	140,772	23,268	13,399	137,149	16,263
Rhode Island.....	41,474	16,987	171	13,550	399	2,504	13,843	3,269
Connecticut.....	165,721	164,661	1,611	38,283	11,877	7,574	36,299	6,189
<b>Middle Atlantic</b> .....	1,127,877	661,187	7,018	432,447	30,004	58,243	424,112	71,167
New York.....	568,488	400,861	3,362	245,191	16,208	38,964	239,907	43,044
New Jersey.....	151,095	84,752	1,314	47,468	4,985	4,020	47,330	4,962
Pennsylvania.....	408,294	175,574	2,342	139,788	8,811	15,259	136,875	23,161
<b>East North Central</b> .....	1,356,407	428,212	6,944	540,214	16,224	81,209	527,439	77,914
Ohio.....	289,258	110,937	1,808	105,884	5,417	11,775	104,242	9,129
Indiana.....	181,312	46,566	939	78,332	1,583	9,568	74,971	13,633
Illinois.....	401,069	207,823	2,095	185,538	7,847	27,623	181,761	25,089
Michigan.....	328,329	39,004	1,641	116,273	785	19,807	113,485	21,206
Wisconsin.....	156,439	23,882	461	54,187	592	12,436	52,980	8,857
<b>West North Central</b> .....	631,789	172,632	4,345	254,729	8,504	31,633	238,893	36,677
Minnesota.....	163,243	59,726	1,055	62,884	4,470	8,388	58,271	10,832
Iowa.....	117,373	24,323	674	55,489	453	4,965	53,701	6,221
Missouri.....	163,386	55,374	1,482	56,316	2,523	4,197	54,589	6,670
North Dakota.....	28,981	6,935	113	9,570	52	3,876	8,538	2,562
South Dakota.....	25,841	4,844	190	9,208	119	1,727	8,847	1,466
Nebraska.....	47,262	9,309	378	24,207	137	2,267	22,867	2,415
Kansas.....	85,703	12,121	453	37,055	750	6,213	32,080	6,511
<b>South Atlantic</b> .....	920,801	311,273	7,055	317,715	15,827	51,034	303,892	68,770
Delaware.....	10,839	6,400	20	4,376	1,865	906	4,035	775
Maryland.....	116,715	51,887	184	49,566	3,344	5,946	48,738	9,451
District of Columbia.....	79,375	20,071	259	31,583	719	5,443	31,190	5,438
Virginia.....	132,016	59,457	1,290	46,821	1,680	10,620	45,905	9,703
West Virginia.....	71,053	4,500	127	21,405	165	4,775	17,624	4,467
North Carolina.....	228,967	88,605	1,889	58,384	4,478	11,131	56,915	24,938
South Carolina.....	75,788	12,778	263	24,918	273	1,745	24,038	2,473
Georgia.....	111,242	59,658	2,424	37,945	2,871	6,322	36,058	6,439
Florida.....	94,806	7,917	599	42,717	432	4,146	39,389	5,086
<b>East South Central</b> .....	375,444	135,815	3,952	131,048	3,281	15,197	126,695	17,589
Kentucky.....	96,355	34,898	720	27,592	1,110	3,724	26,576	2,481
Tennessee.....	128,469	67,479	2,201	44,372	1,786	7,242	43,229	7,241
Alabama.....	90,342	25,657	930	36,407	335	2,220	34,903	5,672
Mississippi.....	60,278	7,781	101	22,677	50	2,011	21,987	2,195
<b>West South Central</b> .....	639,113	296,671	3,863	210,108	35,958	36,959	200,353	47,275
Arkansas.....	48,439	7,586	489	19,129	53	3,762	17,752	3,980
Louisiana.....	106,498	28,584	448	38,425	4,362	4,138	38,305	7,009
Oklahoma.....	135,723	18,165	755	40,409	1,551	6,351	38,923	14,113
Texas.....	348,453	242,336	2,171	112,145	29,992	22,708	105,373	22,173
<b>Mountain</b> .....	245,856	35,373	978	102,080	1,733	17,993	96,328	16,694
Montana.....	23,007	5,225	115	8,916	132	2,308	8,476	1,447
Idaho.....	30,452	6,799	67	8,795	605	918	8,018	1,580
Wyoming.....	19,100	5,052	58	5,710	246	649	5,186	1,188
Colorado.....	73,898	9,356	400	34,113	286	4,109	33,199	4,212
New Mexico.....	30,986	5,083	38	13,093	448	4,301	12,460	2,885
Arizona.....	25,103	1,142	39	11,590	3	2,026	10,776	2,744
Utah.....	38,964	1,730	161	17,435	12	3,682	16,144	2,638
Nevada.....	4,346	986	100	2,428	1		2,069	
<b>Pacific</b> .....	718,616	248,710	3,181	329,916	14,725	45,855	315,198	44,668
Washington.....	123,292	66,728	398	45,312	2,108	5,653	43,644	7,954
Oregon.....	77,194	8,817	533	27,592	280	6,080	26,184	5,220
California.....	518,130	173,165	2,250	257,012	12,337	34,122	245,370	31,494
<b>U. S. Service Academies</b> .....	100,512			18,749			18,749	86
Alaska.....	3,280	1	20	1,609	2	9	1,455	697
Canal Zone.....	500			72			72	
Hawaii.....	10,014	187	24	5,178	28	154	4,583	207
Puerto Rico.....	15,144	2,627	40	10,054	338	520	9,111	1,444

<sup>1</sup> Grounds, buildings, equipment, and unexpended plant funds.

<sup>2</sup> Includes other nonexpendable funds except student loans.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistics of Higher Education, Section 2.

## No. 154.—EARNED DEGREES CONFERRED, BY LEVEL OF DEGREE: 1940 TO 1954

[Data for 1946 and prior years are for continental United States; data beginning with 1948 include Alaska, Hawaii, and Puerto Rico]

YEAR	Total	Bachelor's and first professional	Master's and second professional	Doctor's	YEAR	Total	Bachelor's and first professional	Master's and second professional	Doctor's
1940-----	216,521	186,500	26,731	3,290	1950-----	498,586	433,734	58,219	6,633
1942-----	213,491	185,346	24,648	3,497	1951-----	456,822	384,352	65,132	7,338
1944-----	141,582	125,863	13,414	2,305	1952-----	403,194	331,924	63,587	7,683
1946-----	157,349	136,174	19,209	1,966	1953-----	374,189	304,857	61,023	8,309
1948-----	318,749	272,144	42,417	4,188	1954-----	358,699	292,880	56,823	8,996
1949-----	422,754	366,634	50,827	5,293					

Source: Department of Health, Education, and Welfare, Office of Education; circular No. 418, *Earned Degrees Conferred by Higher Educational Institutions, 1953-54*.

## No. 155.—LAND-GRANT INSTITUTIONS—FINANCES, STAFF, AND STUDENTS: 1953

[Income and expenditures in thousands of dollars. For year ending June 30. Land-grant colleges, and universities are so called because public lands were granted to the States for their establishment or support. They all conform to certain broad policy stipulations of Federal law]

ITEM	52 land-grant institutions (white) <sup>1</sup>	17 land-grant institutions (Negro)	ITEM	Total	Men	Women
<b>INCOME</b>			<b>STAFF</b>			
<b>Total educational and general</b> .....	<b>702,684</b>	<b>19,080</b>	<b>White Institutions<sup>1</sup></b>			
Student fees.....	64,954	2,545	Total staff (full-time equivalent).....	62,771	50,556	12,215
Federal Government:			Staff (full- and part-time):			
From Veterans' Adm.....	15,138	483	Resident instruction.....	38,373	32,305	6,068
Regular appropriations.....	48,700	470	Organized research.....	15,065	13,413	1,652
Contract research and other grants.....	119,955	59	Extension service.....	18,875	13,263	5,612
State governments.....	347,805	14,483	General administration.....	4,144	2,981	1,163
Local governments.....	4,330	60				
Endowment earnings.....	9,967	29	<b>Negro Institutions</b>			
Private benefactions.....	27,284	59	Total staff (full-time equivalent).....	2,379	1,497	882
Sales and services of organized activities.....	51,899	689	Staff (full- and part-time):	1,821	1,157	664
Miscellaneous.....	12,651	204	Resident instruction.....			
Auxiliary and other:			Organized research.....	7	6	1
Auxiliary enterprises.....	131,729	6,543	Extension service.....	536	292	244
Noneducational income.....	7,726	554	General administration.....	269	191	78
<b>EXPENDITURES</b>			<b>STUDENTS</b>			
<b>Total educational and general</b> .....	<b>675,012</b>	<b>17,573</b>	<b>White Institutions<sup>1</sup></b>			
Administration and general expense.....	50,392	2,177	Total regular-session students.....	405,963	294,928	111,035
Resident instruction.....	213,794	9,574	Undergraduate.....	338,394	244,305	94,089
Organized research separately budgeted.....	197,552	30	Graduate.....	55,400	43,356	12,044
Extension.....	87,449	294	Special.....	12,169	7,267	4,902
Libraries.....	16,112	712	Enrolled for the first time.....	90,938	64,365	26,573
Physical plant operation and maintenance.....	63,453	3,943	Summer-session students.....	128,123	84,307	43,816
Organized activities related to instruction.....	46,261	843	In correspondence courses.....	88,812	53,143	35,669
Auxiliary and other:			Extension courses.....	243,505	162,376	81,129
Auxiliary enterprises.....	126,027	6,701	<b>Negro Institutions</b>			
Noneducational expense.....	14,252	917	Total regular-session students.....	24,421	11,144	13,277
			Undergraduate.....	23,038	10,412	12,626
			Graduate.....	943	511	432
			Special.....	440	221	219
			Enrolled for the first time.....	7,845	3,640	4,205
			Summer-session students.....	14,986	4,674	10,312
			In correspondence courses.....	594	64	530
			Extension courses.....	3,546	798	2,748

<sup>1</sup> Includes all land-grant institutions in those States which do not maintain separate institutions for Negro students.

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Land-Grant Colleges and Universities*.



## No. 156.—EARNED DEGREES CONFERRED, BY SEX AND MAJOR FIELD OF STUDY: 1954

MAJOR FIELD OF STUDY	BACHELOR'S AND FIRST PROFESSIONAL <sup>1</sup>			MASTER'S AND SECOND PROFESSIONAL <sup>2</sup>			DOCTOR'S <sup>3</sup>		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
<b>Total</b> .....	292,880	187,500	105,380	56,823	38,147	18,676	8,996	8,181	815
Agriculture.....	7,832	7,687	145	1,302	1,279	23	515	508	7
Animal husbandry.....	1,203	1,174	29	140	137	3	64	64	—
Forestry.....	904	902	2	127	127	—	30	30	—
All other.....	5,725	5,611	114	1,035	1,015	20	421	414	7
Biological sciences <sup>4</sup> .....	9,366	6,754	2,612	1,610	1,287	323	1,077	977	100
Bacteriology.....	439	239	200	242	180	62	131	115	16
Biochemistry.....	195	173	22	105	82	23	145	129	16
Biology.....	5,847	4,161	1,686	435	336	99	147	127	20
Botany.....	293	198	95	197	162	35	171	155	16
Zoology.....	1,696	1,300	396	323	258	65	221	204	17
All other.....	896	683	213	308	269	39	262	247	15
Education.....	56,817	16,885	39,932	27,785	15,423	12,362	1,498	1,237	261
Industrial arts.....	2,521	2,456	65	444	423	21	14	14	—
Physical education.....	6,913	4,592	2,321	1,266	979	287	96	75	21
All other.....	47,383	9,837	37,546	26,075	14,021	12,054	1,388	1,148	240
Engineering.....	22,329	22,264	65	4,204	4,189	15	594	594	—
English.....	12,566	4,729	7,837	1,674	862	812	356	290	66
Fine arts.....	15,894	7,522	8,372	3,027	1,992	1,035	249	217	32
Architecture.....	1,623	1,531	92	158	147	11	3	1	2
Music.....	6,239	2,545	3,694	1,577	1,034	543	73	68	5
Speech and dramatic arts.....	3,418	1,653	1,765	731	446	285	147	126	21
All other.....	4,614	1,793	2,821	561	365	196	26	22	4
Foreign languages.....	3,793	1,473	2,320	820	439	381	230	182	48
Classical.....	571	398	173	138	73	65	46	38	8
French.....	1,268	303	965	234	121	113	57	34	23
Spanish.....	1,210	370	840	197	95	102	39	34	5
All other modern.....	744	402	342	251	150	101	88	76	12
Geography.....	708	589	119	177	155	22	51	49	2
Healing arts and medical sciences <sup>4</sup> .....	23,616	16,458	7,158	1,552	910	642	202	190	12
Dentistry, D. D. S. only.....	3,102	3,063	39	—	—	—	—	—	—
Medicine, M. D. only.....	6,757	6,414	343	—	—	—	—	—	—
Nursing.....	5,109	62	5,047	482	18	464	2	—	2
Optometry.....	706	686	20	2	2	—	1	1	—
Osteopathy.....	449	439	10	4	4	—	—	—	—
Pharmacy.....	3,885	3,542	343	147	139	8	75	72	3
Public Health.....	185	91	94	455	354	101	29	26	3
Veterinary medicine <sup>5</sup> .....	803	793	10	16	15	1	8	8	—
All other.....	2,620	1,368	1,252	446	378	68	87	83	4
Home economics.....	7,467	81	7,386	590	10	580	25	5	20
Journalism.....	2,244	1,495	749	242	201	41	6	5	1
Law <sup>6</sup> .....	9,298	8,976	322	341	329	12	31	30	1
Library science.....	1,596	364	1,232	127	24	103	7	7	—
Mathematics.....	4,090	2,722	1,368	706	579	127	227	213	14
Military or naval science.....	1,843	1,842	1	—	—	—	—	—	—
Physical sciences <sup>7</sup> .....	9,880	8,607	1,273	2,374	2,197	177	1,686	1,625	61
Chemistry.....	5,791	4,727	1,064	1,098	972	126	1,013	968	45
Geology.....	1,632	1,553	79	412	397	15	136	130	6
Physics.....	1,952	1,877	75	714	685	29	485	479	6
All other.....	505	450	55	150	143	7	52	48	4
Philosophy.....	1,845	1,582	263	251	207	44	103	95	8
Psychology.....	5,758	3,085	2,673	1,254	885	369	619	553	66
Religion.....	7,435	6,393	1,042	1,310	962	348	226	220	1
Religious education and Bible.....	2,972	2,049	923	653	347	306	57	56	5
Theology.....	4,463	4,344	119	657	615	42	169	164	6
Social sciences <sup>8</sup> .....	76,365	58,770	17,595	7,182	5,994	1,188	1,195	1,095	100
Anthropology.....	265	121	144	94	68	26	46	40	6
Economics.....	6,728	5,938	790	609	547	62	245	233	12
History.....	9,385	6,418	2,967	1,220	864	356	355	321	34
International relations.....	362	269	93	219	182	37	33	31	2
Political science.....	5,332	4,314	1,018	534	455	79	153	143	10
Public Administration.....	383	351	32	323	288	35	5	5	—
Sociology.....	5,702	2,387	3,315	440	323	117	184	156	28
Business and commerce.....	40,944	35,255	5,689	3,114	2,829	285	118	113	5
Social work <sup>9</sup> .....	2,163	744	1,419	186	82	104	5	4	1
All other.....	5,101	2,973	2,128	443	356	87	51	49	2
All other fields.....	12,138	9,222	2,916	295	223	72	99	89	10

<sup>1</sup> Based on curricula of 4 years or more. Includes B. A. and B. S. degrees and first professional degrees such as M. D., D. D. S., D. V. M., LL. B., and B. D.

<sup>2</sup> M. A., M. S. degrees, and professional degrees such as M. Chem. E., LL. M., M. B. A., and Th. M.

<sup>3</sup> Ph. D., Ed. D., S. T. D., and Sc. D. Excludes honorary degrees. <sup>4</sup> Excludes psychology.

<sup>5</sup> D. V. M. or higher degree. <sup>6</sup> LL. B. or higher degree. <sup>7</sup> Excludes geography.

<sup>8</sup> Excludes geography, philosophy, or psychology.

<sup>9</sup> In those schools where master's degree is first professional degree, students receiving master's degree are included with "Bachelor's and first professional."

Source: Department of Health, Education, and Welfare, Office of Education; circular No. 418, *Earned Degrees Conferred by Higher Educational Institutions, 1953-54*.

**No. 157.—INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT IN SUMMER SESSION AND IN EXTENSION AND CORRESPONDENCE WORK: 1920 TO 1952**

YEAR	Summer session <sup>1</sup>	Extension and correspondence <sup>2</sup>	YEAR	Summer session <sup>1</sup>	Extension and correspondence <sup>2</sup>
1920.....	132, 489	101, 662	1938.....	429, 864	371, 173
1922.....	220, 311	155, 163	1940.....	456, 679	362, 381
1924.....	278, 125	194, 147	1942.....	426, 849	362, 387
1926.....	340, 461	324, 819	1944.....	479, 326	343, 338
1928.....	382, 776	360, 246	1946.....	515, 602	535, 957
1930.....	388, 755	354, 133	1948.....	955, 429	759, 909
1932.....	414, 260	440, 186	1950.....	943, 021	848, 695
1934.....	303, 754	253, 991	1952.....	880, 752	843, 923
1936.....	370, 026	297, 921			

<sup>1</sup> For odd years, 1919, 1921, etc.

<sup>2</sup> Includes both collegiate and noncollegiate students; data on number of noncollegiate students included are available, as follows: 1932, 174,921; 1934, 45,484; 1936, 46,452; 1938, 75,822; 1940, 70,145; 1942, 83,833; 1944, 98,496. Not requested separately for 1946, 1948, 1950, and 1952.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistical Summary of Education.

**No. 158.—PUBLIC AND PRIVATE RESIDENTIAL SCHOOLS FOR THE BLIND, THE DEAF, THE MENTALLY DEFICIENT, AND DELINQUENTS: 1922 TO 1947**

TYPE AND YEAR	States reporting <sup>1</sup>	Schools reporting	Pupils	TYPE AND YEAR	States reporting <sup>1</sup>	Schools reporting	Pupils
<b>Blind:</b>				<b>Deaf—Continued</b>			
1922.....	39	48	4, 634	1940.....	45	79	14, 673
1927.....	41	51	5, 245	1947.....	45	79	12, 971
1931.....	41	55	5, 530				
1936.....	41	55	5, 851	<b>Mentally deficient:</b>			
1940.....	40	50	5, 870	1936.....	47	130	21, 889
1947.....	41	54	5, 150	1940.....	46	104	21, 806
				1947.....	46	139	21, 460
<b>Deaf:</b>				<b>Delinquent:</b>			
1922.....	43	75	11, 417	1936.....	49	154	31, 174
1927.....	44	76	13, 928	1940.....	49	142	29, 109
1931.....	45	83	14, 854	1947.....	49	163	22, 460
1936.....	45	79	15, 366				

<sup>1</sup> Includes District of Columbia.

<sup>2</sup> Includes only children reported for school work.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistics of Special Schools and Classes for Exceptional Children.

**No. 159.—SPECIAL SCHOOLS AND CLASSES FOR EXCEPTIONAL CHILDREN—ENROLLMENT, BY TYPE OF CHILD: 1948 AND 1953**

[Excludes data for truant, delinquent, and maladjusted children; home- and hospital-bound children; and exceptional children enrolled in residential schools]

TYPE	1948					1953				
	States reporting	Places reporting	Enrollment		Teachers <sup>1</sup>	States reporting	Places reporting	Enrollment		Teachers <sup>1</sup>
			Elementary schools	Secondary schools				Elementary schools	Secondary schools	
<b>Total.....</b>	<b>2 49</b>	<b>3 973</b>	<b>294, 624</b>	<b>43, 505</b>	<b>9, 665</b>	<b>2 49</b>	<b>3 1, 785</b>	<b>389, 158</b>	<b>108, 058</b>	<b>14, 316</b>
Mentally retarded.....	46	714	74, 512	12, 518	4, 961	48	1, 244	84, 878	28, 687	7, 067
Speech-defective.....	40	450	173, 246	9, 062	1, 256	49	1, 087	254, 179	52, 568	2, 256
Crippled.....	36	269	13, 238	1, 222	1, 018	45	596	15, 924	1, 889	1, 498
Hard-of-hearing.....	34	256	8, 580	1, 865	421	46	497	9, 680	2, 252	480
Partially seeing.....	33	239	6, 466	1, 190	595	39	408	6, 544	1, 470	647
Special health problems <sup>4</sup> .....	23	103	10, 821	604	468	40	330	10, 166	1, 289	868
Deaf.....	29	102	3, 217	297	269	34	185	3, 446	489	479
Blind.....	13	31	414	115	55	19	67	658	181	95
Mentally gifted.....	9	14	4, 080	16, 632	622	15	27	3, 683	19, 233	926

<sup>1</sup> Includes both full-time and part-time teachers. A teacher serving more than one type of exceptional child is reported only with the type to which she devotes the major portion of her time.

<sup>2</sup> Includes District of Columbia.

<sup>3</sup> Total number of different places reporting a program for one or more of the specified types of exceptional children; not the sum of the figures reported in the column.

<sup>4</sup> Not reported in the 1947-48 survey. Figures for 1948 are the sum of those for "delicate" and "epileptic."

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistics of Special Education for Exceptional Children.



**No. 160.—VOCATIONAL SCHOOLS AND VOCATIONAL TEACHER-TRAINING COURSES, FEDERALLY AIDED—NUMBER OF TEACHERS AND STUDENTS, BY CLASS OF SCHOOL OR COURSE AND BY SEX: 1920 TO 1953**

[For years ending June 30. Institutions Federally aided are reimbursed from Federal funds provided under act known as "The Smith-Hughes Act," or the "National Vocational Education Act of 1917," and subsequent acts extending benefits of vocational education to Alaska, Hawaii, Puerto Rico, and Virgin Islands, and providing for further development of vocational education of less-than-college grade. These acts, administered by Office of Education, provide appropriations for reimbursement in part from Federal funds for expenditures by States and local communities for vocational education. Includes data for Hawaii beginning 1930, for Puerto Rico beginning 1940, and for Virgin Islands in 1953]

ITEM AND SEX	TEACHERS					STUDENTS				
	1920	1930	1940	1950	1953	1920	1930	1940	1950	1953
<b>VOCATIONAL SCHOOLS</b>										
<b>Total, all classes</b> <sup>1</sup> .....				62,959	66,383	265,058	981,882	2,290,741	3,364,613	3,100,139
Male.....						163,228	603,514	1,279,109	1,715,699	1,608,218
Female.....						101,830	378,368	1,011,632	1,648,914	1,491,921
Evening.....	2,565	9,842	17,744	20,902	24,002	73,122	323,154	728,937	1,520,971	1,217,648
Part-time.....	1,773	5,468	14,600	12,324	10,700	122,974	407,285	525,358	596,295	444,243
All-day.....	3,331	9,245	24,917	29,733	31,558	68,962	241,486	1,022,284	1,243,419	1,435,279
Day-unit course.....		319	658		123		9,957	14,162	3,928	2,969
<b>Agriculture</b> <sup>1</sup> .....				13,852	18,449	31,301	188,311	584,133	764,975	755,293
Male.....						29,351	180,490	583,034	764,975	755,293
Female.....						1,950	7,821	1,099		
Evening.....		1,878	4,976	3,149	5,373		60,462	192,246	345,007	275,108
Part-time.....		306	3,727	1,240	2,478		4,164	62,489	43,071	47,835
All-day.....	1,570	4,346	8,450	9,463	10,475	31,301	113,728	318,223	373,113	429,381
Day-unit course.....		319	568		123		9,957	11,175	3,784	2,969
<b>Trade and industrial</b> <sup>1</sup> .....				25,511	23,513	184,819	618,604	758,409	804,602	808,549
Male.....						133,872	422,575	602,182	687,847	706,622
Female.....						50,947	196,029	156,227	116,755	101,927
Evening.....	1,779	5,030	5,769	8,312	9,136	48,354	165,317	167,908	269,734	328,633
Part-time, total.....	1,636	4,981	9,449	8,671	6,087	115,241	381,898	383,579	312,129	256,510
Trade extension.....	350	1,747	7,150			17,159	45,601	241,098	213,346	190,418
Trade preparatory.....	(2)	(2)	(2)			(2)	(2)	(2)	21,393	20,980
General continuation.....	1,286	3,234	2,209			98,082	336,297	142,481	77,390	45,112
All-day.....	1,047	3,054	6,940	8,528	8,290	21,224	71,389	206,922	222,739	223,406
<b>Home economics</b> <sup>1</sup> .....				19,657	21,548	48,938	174,967	818,766	1,430,366	1,327,285
Male.....						5	449	24,746	70,336	49,676
Female.....						48,933	174,518	794,020	1,360,030	1,277,609
Evening.....	786	2,934	4,857	6,978	7,875	24,768	97,375	245,850	666,676	486,173
Part-time.....	137	181	1,192	937	880	7,733	21,223	72,790	115,979	58,620
All-day.....	714	1,845	9,527	11,742	12,793	16,437	56,369	497,139	647,567	782,492
Day-unit course.....			90					2,987	144	
<b>Distributive occupations</b> <sup>1</sup> .....				3,939	2,873			129,433	364,670	209,012
Male.....								69,147	192,541	96,627
Female.....								60,286	172,129	112,385
Evening.....			2,142	2,463	1,618			122,933	239,554	127,734
Part-time.....			232	1,476	1,255			6,500	125,116	81,278
<b>VOCATIONAL TEACHER-TRAINING COURSES</b>										
<b>Total, all classes</b> .....	1,082	3,843	1,588	(2)	(2)	12,456	20,736	40,491	(2)	(2)
Male.....	657	3,518	957	(2)	(2)	6,985	12,531	22,406	(2)	(2)
Female.....	425	3,325	631	(2)	(2)	5,471	8,205	18,085	(2)	(2)
In agriculture.....	293	195	392	(2)	(2)	2,310	3,325	6,428	(2)	(2)
Trade and industry.....	359	334	525	(2)	(2)	6,150	11,205	15,606	(2)	(2)
Home economics.....	414	316	556	(2)	(2)	3,652	6,206	12,768	(2)	(2)
Distributive occupations.....			115	(2)	(2)			5,689	(2)	(2)
Other and not specified.....	16				(2)	344				(2)

<sup>1</sup> Totals for teachers omitted for 1920, 1930, and 1940 because of duplications in State reports by types of schools.

<sup>2</sup> Not available.

<sup>3</sup> Excluding duplication.

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.

**No. 161.—VOCATIONAL EDUCATION AND TEACHER TRAINING, FEDERALLY AIDED—  
EXPENDITURES OF FEDERAL, STATE, AND LOCAL FUNDS, 1920 TO 1953, AND BY  
STATES AND OTHER AREAS, 1953**

[In thousands of dollars. For years ending June 30. See headnote, table 160]

YEAR AND STATE OR OTHER AREA	ALL VOCATIONAL EDUCATION <sup>1</sup>				AGRICULTURAL EDUCATION <sup>2</sup>		TRADE AND INDUSTRIAL EDUCATION <sup>2</sup>		HOME ECONOM- ICS EDUCATION <sup>2</sup>	
	Total funds	Federal	State	Local	Total funds	Federal	Total funds	Federal	Total funds	Federal
<b>TOTAL</b>										
1920.....	8,535	2,477	2,670	3,388	2,437	890	3,397	700	1,054	156
1930.....	29,909	7,404	8,233	14,272	8,743	3,174	8,815	1,719	4,382	678
1940.....	55,081	20,004	11,737	23,340	16,986	6,709	21,100	6,435	11,718	4,290
1950.....	128,717	26,623	40,534	61,561	38,523	10,087	47,869	8,612	36,916	6,241
1952.....	146,466	25,863	47,818	72,784	45,496	10,148	52,652	8,637	42,967	6,257
<b>1953</b>										
<b>Total.....</b>	<b>145,951</b>	<b>25,366</b>	<b>52,218</b>	<b>68,367</b>	<b>47,490</b>	<b>10,105</b>	<b>50,507</b>	<b>8,572</b>	<b>43,114</b>	<b>6,279</b>
Alabama.....	3,101	671	2,430		1,327	361	743	125	944	176
Arizona.....	848	170	133	545	190	62	318	54	305	46
Arkansas.....	2,705	492	931	1,283	1,290	292	290	64	1,056	127
California.....	8,186	1,222	667	6,297	1,811	299	3,808	647	2,196	267
Colorado.....	1,198	217	198	783	319	84	401	69	403	56
Connecticut.....	1,810	255	1,324	231	132	66	1,421	130	216	50
Delaware.....	545	159	217	169	122	52	235	55	134	43
District of Columbia.....	347	96	251		16	8	220	40	95	40
Florida.....	3,678	393	2,615	670	900	123	1,531	155	1,207	107
Georgia.....	5,052	721	745	3,586	2,319	372	589	147	2,002	193
Idaho.....	704	165	173	366	309	66	223	54	169	43
Illinois.....	6,953	1,099	2,110	3,744	2,403	336	1,836	511	2,480	243
Indiana.....	3,795	656	390	2,749	1,163	275	1,166	205	1,374	167
Iowa.....	2,399	555	313	1,531	1,135	293	386	110	809	143
Kansas.....	1,394	367	238	789	705	174	278	88	363	96
Kentucky.....	2,190	681	332	1,178	1,029	371	384	117	729	184
Louisiana.....	3,748	492	506	2,750	1,698	226	524	137	1,420	120
Maine.....	535	158	135	242	173	68	118	42	238	45
Maryland.....	1,255	283	392	580	240	94	770	105	195	76
Massachusetts.....	5,746	500	2,569	2,677	582	88	4,103	300	949	103
Michigan.....	4,983	889	1,233	2,861	1,296	305	1,958	359	1,428	216
Minnesota.....	3,201	572	1,253	1,376	1,170	281	973	138	914	144
Mississippi.....	2,900	614	1,076	1,209	1,436	387	396	66	1,013	153
Missouri.....	3,145	696	550	1,899	1,147	327	819	194	1,022	166
Montana.....	631	155	84	392	267	62	119	39	208	45
Nebraska.....	1,173	288	180	706	575	148	165	58	368	74
Nevada.....	285	124	25	136	93	38	96	40	96	46
New Hampshire.....	395	154	64	178	104	52	131	50	139	44
New Jersey.....	3,416	500	753	2,162	465	85	2,275	339	588	67
New Mexico.....	632	167	71	394	263	62	142	52	197	45
New York.....	9,579	1,562	3,358	4,659	1,063	303	7,623	1,015	874	236
North Carolina.....	5,278	958	2,673	1,646	2,726	525	564	160	1,867	264
North Dakota.....	700	202	226	271	240	95	172	50	257	49
Ohio.....	4,233	1,110	592	2,531	1,317	381	1,745	446	1,017	274
Oklahoma.....	3,612	439	753	2,420	1,840	214	653	109	1,003	108
Oregon.....	1,304	263	422	619	416	104	511	78	323	73
Pennsylvania.....	7,683	1,361	4,568	1,755	1,555	385	4,365	625	1,542	342
Rhode Island.....	332	112	59	161	45	22	215	53	71	36
South Carolina.....	2,895	492	1,055	1,348	1,323	267	505	86	991	131
South Dakota.....	682	202	30	450	279	95	115	53	268	44
Tennessee.....	3,536	715	1,011	1,810	1,411	382	769	144	1,273	181
Texas.....	12,466	1,249	10,453	765	5,246	524	1,444	399	5,043	317
Utah.....	917	166	99	653	329	57	302	55	228	46
Vermont.....	446	158	66	221	138	54	161	53	120	42
Virginia.....	3,865	643	1,822	1,399	1,266	301	1,004	161	1,391	172
Washington.....	2,920	362	757	1,800	771	127	1,071	136	948	91
West Virginia.....	1,702	414	243	1,045	530	186	620	92	509	129
Wisconsin.....	3,972	615	293	3,064	1,417	283	1,276	167	1,213	157
Wyoming.....	473	159	50	265	202	53	107	52	141	45
Hawaii.....	774	159	615		183	54	326	51	226	45
Puerto Rico.....	1,561	480	1,082		507	232	509	80	521	159
Virgin Islands.....	70	35	35		8	4	34	17	28	14

<sup>1</sup> Includes data for teacher-training courses and, beginning 1940, distributive courses not shown separately.  
<sup>2</sup> Beginning 1950, includes expenditures for teacher training previously reported separately.

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.



# No. 162.—VOCATIONAL COURSES, FEDERALLY AIDED—STUDENTS ENROLLED, BY COURSE, BY STATES AND OTHER AREAS: 1952 AND 1953

[For years ending June 30. Excludes vocational teacher-training courses. See also headnote, table 160]

STATE OR OTHER AREA	1952					1953				
	Total	Agricultural	Trade and industrial	Home economics	Distributive	Total	Agricultural	Trade and industrial	Home economics	Distributive
<b>Total</b>	<b>3,165,988</b>	<b>746,402</b>	<b>793,213</b>	<b>1,391,389</b>	<b>234,984</b>	<b>3,100,139</b>	<b>755,293</b>	<b>808,549</b>	<b>1,327,285</b>	<b>209,012</b>
Alabama	65,911	24,074	14,685	23,898	3,254	56,722	19,960	12,694	22,315	1,753
Arizona	19,637	2,028	7,476	8,903	1,230	20,369	2,328	7,603	7,425	3,013
Arkansas	75,776	29,644	8,448	35,863	1,821	74,026	28,162	6,423	37,521	1,920
California	392,443	22,545	121,236	201,824	46,838	259,726	23,429	106,210	91,427	38,660
Colorado	35,987	2,705	10,892	16,676	5,714	37,390	2,806	15,436	15,193	3,955
Connecticut	23,377	778	13,864	6,658	2,077	24,369	883	14,471	6,713	2,302
Delaware	6,780	841	3,452	1,959	528	6,098	806	2,731	2,282	279
Dist. of Col.	8,304	240	3,000	3,620	1,444	6,519	111	2,989	3,251	168
Florida	101,630	12,234	36,771	46,723	5,902	121,644	12,551	33,927	71,471	3,695
Georgia	144,106	57,619	20,638	57,879	7,970	174,719	82,024	24,149	61,573	6,973
Idaho	8,894	3,220	2,151	3,523	—	9,260	3,520	2,138	3,567	35
Illinois	105,087	28,847	26,170	45,969	4,101	109,939	30,719	27,383	47,596	4,241
Indiana	65,065	13,646	18,089	28,802	4,528	64,800	13,914	17,807	29,450	3,649
Iowa	56,262	21,998	12,258	21,123	883	58,714	23,227	11,728	22,715	1,044
Kansas	29,166	5,760	9,314	13,067	1,025	27,755	5,996	9,945	10,716	1,098
Kentucky	52,177	16,596	6,608	25,251	3,722	54,705	17,678	8,161	26,108	2,758
Louisiana	66,795	24,422	12,121	27,183	3,069	73,734	26,300	15,343	29,009	3,082
Maine	7,350	1,448	1,474	4,413	15	6,706	1,397	1,276	4,013	20
Maryland	24,101	2,912	11,720	7,638	1,831	21,102	2,906	8,884	6,793	2,519
Massachusetts	61,586	2,061	25,527	31,830	2,168	58,895	1,588	24,647	31,075	1,585
Michigan	117,656	22,016	37,099	47,852	10,689	117,660	20,313	37,152	48,384	11,811
Minnesota	68,406	24,046	11,102	30,109	3,149	70,358	28,277	10,884	28,389	2,808
Mississippi	94,994	43,454	10,977	35,992	4,571	92,293	39,954	13,341	36,242	2,756
Missouri	63,959	19,133	13,195	28,693	2,938	64,236	20,284	11,201	28,596	4,155
Montana	8,049	2,479	1,608	3,658	304	8,744	2,535	1,919	3,755	535
Nebraska	25,226	6,078	4,517	12,640	1,991	23,337	5,762	4,269	11,765	1,541
Nevada	3,854	566	1,326	1,962	—	4,517	518	1,971	2,028	—
New Hampshire	6,321	536	2,354	3,273	158	5,627	627	2,059	2,836	105
New Jersey	25,669	2,464	15,231	6,292	1,682	25,046	2,254	16,263	5,603	926
New Mexico	8,219	1,858	1,958	3,807	596	8,521	1,866	1,979	4,218	458
New York	120,797	10,191	69,923	38,031	2,652	164,712	10,894	86,399	60,222	7,197
North Carolina	103,088	41,651	8,574	48,505	4,358	113,214	43,019	8,244	58,953	2,998
North Dakota	9,490	2,622	1,367	5,040	461	10,571	3,086	1,302	5,562	621
Ohio	77,190	14,520	28,372	26,927	7,371	78,651	15,674	30,720	25,717	6,540
Oklahoma	59,831	27,658	6,015	23,996	2,162	59,473	25,332	7,516	24,699	1,926
Oregon	24,237	3,986	8,943	10,809	499	22,508	4,348	7,279	10,199	682
Pennsylvania	94,218	12,800	42,332	34,077	5,009	103,533	14,004	51,261	33,022	5,246
Rhode Island	4,112	431	1,866	1,687	128	4,169	505	1,621	2,002	41
South Carolina	119,006	57,557	8,744	48,702	4,003	115,579	48,088	8,354	54,443	4,694
South Dakota	10,102	2,897	2,410	4,348	447	9,708	2,920	2,276	4,135	377
Tennessee	88,783	30,874	14,300	40,672	2,937	85,221	27,094	14,300	42,386	1,441
Texas	309,581	71,671	40,064	154,796	43,050	284,226	65,043	41,322	142,760	35,101
Utah	32,416	5,652	6,361	17,356	3,047	26,462	5,418	5,100	12,408	3,536
Vermont	6,331	891	2,163	2,304	973	5,330	879	1,735	2,212	504
Virginia	69,170	17,589	10,263	33,598	7,720	62,937	17,906	10,269	30,395	4,367
Washington	85,240	7,643	31,067	31,066	15,464	82,864	7,893	28,154	32,296	14,521
West Virginia	26,478	5,999	8,307	11,363	809	27,195	5,660	9,021	11,616	898
Wisconsin	99,813	24,056	25,722	45,675	4,360	98,853	23,738	25,646	45,979	3,490
Wyoming	5,486	1,370	948	2,823	345	5,363	1,339	1,167	2,242	615
Hawaii	13,312	2,379	4,000	5,558	1,375	14,095	2,044	4,443	5,421	2,187
Puerto Rico	33,739	7,639	5,917	16,567	3,616	36,837	7,579	7,254	17,865	4,139
Virgin Islands	781	78	294	409	—	1,107	135	183	742	47

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.

## No. 163.—FEDERAL FUNDS ALLOTTED FOR EDUCATION, BY STATES AND OTHER AREAS: 1953

[In thousands of dollars]

STATE OR OTHER AREA	Total <sup>1</sup>	FUNDS ADMINIS- TERED BY DEPT. OF HEALTH, EDU- CATION, AND WELFARE		FUNDS ADMINIS- TERED BY DEPT. OF AGRICULTURE		FUNDS FOR THE EDUCATION OF VETERANS		
		Total <sup>2</sup>	Assist- ance to federally affected areas <sup>3</sup>	Total <sup>4</sup>	School- lunch program	Total <sup>5</sup>	Education and training, Public Law 346	
							Tuition, equip- ment, supplies, and materials	Subsist- ence allow- ances
<b>Total</b> .....	1,380,873	338,198	200,084	177,093	133,679	725,571	202,920	378,641
Alabama.....	41,630	8,349	4,741	6,325	4,824	26,956	5,362	16,286
Arizona.....	9,028	4,422	3,855	1,204	882	3,271	702	1,562
Arkansas.....	28,221	6,251	4,827	4,407	3,163	17,564	3,177	11,392
California.....	96,706	43,910	32,542	8,039	7,024	44,757	14,798	18,029
Colorado.....	15,691	4,118	3,379	1,627	1,112	9,946	2,485	5,172
Connecticut.....	10,843	4,518	3,154	1,325	1,006	5,000	1,355	1,979
Delaware.....	1,570	582	( <sup>6</sup> )	432	210	556	150	223
Dist. of Col.....	13,101	1,044		274	274	9,418	3,942	3,684
Florida.....	32,948	7,241	4,519	3,192	2,635	22,515	6,088	13,049
Georgia.....	49,795	15,873	11,768	6,071	4,508	27,851	5,243	18,280
Idaho.....	7,382	2,065	1,622	1,076	656	4,241	1,086	2,232
Illinois.....	44,359	10,030	4,446	7,131	5,867	27,198	10,718	11,446
Indiana.....	23,461	5,027	2,398	3,497	2,432	14,937	3,496	8,633
Iowa.....	23,400	3,257	750	3,389	2,228	16,754	4,488	9,948
Kansas.....	16,018	5,872	4,758	2,496	1,631	7,650	1,710	4,480
Kentucky.....	24,248	5,426	3,368	5,399	3,949	13,424	2,327	7,954
Louisiana.....	33,570	4,460	2,030	6,365	5,340	22,745	5,374	14,692
Maine.....	3,700	959	394	1,085	709	1,656	390	702
Maryland.....	16,351	9,369	6,772	1,818	1,337	5,165	1,726	2,609
Massachusetts.....	22,101	3,456	1,152	3,403	3,001	15,242	5,768	5,448
Michigan.....	32,106	10,279	7,017	5,291	4,119	16,536	5,492	7,096
Minnesota.....	22,133	1,953	323	4,145	3,041	16,035	3,997	8,246
Mississippi.....	32,109	4,358	1,958	5,198	3,667	22,553	5,175	13,964
Missouri.....	35,603	7,192	3,093	4,689	3,380	23,722	5,908	13,059
Montana.....	6,645	1,568	911	827	396	4,251	1,176	2,366
Nebraska.....	14,448	2,425	901	1,671	940	10,352	1,770	6,749
Nevada.....	3,257	2,567	2,115	330	97	359	87	182
New Hampshire.....	3,133	748	314	705	444	1,679	402	762
New Jersey.....	17,485	5,266	2,672	2,777	2,392	9,443	4,158	3,621
New Mexico.....	9,272	4,293	3,613	1,394	982	3,584	884	1,892
New York.....	73,444	9,330	2,238	8,415	7,312	55,699	27,094	19,394
North Carolina.....	40,149	7,871	3,758	7,861	5,960	24,417	4,989	16,075
North Dakota.....	9,475	841	264	1,180	603	7,454	1,429	4,454
Ohio.....	37,272	9,728	5,157	7,110	5,711	20,434	6,582	8,596
Oklahoma.....	28,174	7,664	5,513	3,906	2,771	16,604	3,783	7,529
Oregon.....	11,407	2,957	1,201	1,680	1,166	6,770	2,376	3,173
Pennsylvania.....	54,369	8,167	2,670	7,029	5,654	39,173	12,892	18,661
Rhode Island.....	4,862	1,382	646	576	381	2,904	843	1,149
South Carolina.....	26,671	8,105	5,866	4,621	3,522	13,945	2,726	9,346
South Dakota.....	8,338	1,427	812	1,089	520	5,823	1,179	3,839
Tennessee.....	31,497	6,189	3,114	6,220	4,762	19,088	3,979	10,870
Texas.....	73,271	18,571	14,191	9,735	7,351	44,964	9,832	25,848
Utah.....	11,184	3,944	2,333	1,282	935	5,958	1,850	2,775
Vermont.....	2,769	561	141	650	348	1,558	363	803
Virginia.....	31,377	16,139	12,712	4,458	3,240	10,780	2,205	6,257
Washington.....	14,971	2,404	11,878	2,595	1,992	9,973	3,069	4,362
West Virginia.....	11,099	2,623	49	3,000	2,210	5,476	1,055	2,818
Wisconsin.....	32,573	15,065	220	3,477	2,365	14,030	4,125	7,074
Wyoming.....	3,384	513	108	583	277	2,288	552	1,377
National and other <sup>7</sup> .....	159,032	17,327		276	4,350	6,610	1,268	5,275
Canal Zone.....	2,695							
U. S. Territories and pos- sessions.....	22,547	10,517	7,821	5,765		6,267	1,293	3,230

<sup>1</sup> Includes \$140,010,670 of other Federal funds for education.<sup>2</sup> Includes, in addition to Federally affected areas, funds for support of land-grant colleges, vocational education below college level, vocational rehabilitation, American Printing House for the Blind, school facilities survey, surplus property transferred to educational institutions, and Public Health Service.<sup>3</sup> Includes those areas affected by Federal activity and employment, e.g., defense production, etc.<sup>4</sup> Includes, in addition to school-lunch program, funds for Agricultural Experiment Stations, and Cooperative Agricultural Extension Service. <sup>5</sup> Includes also vocational rehabilitation under Public Law 16.<sup>6</sup> Less than \$500. <sup>7</sup> Federal funds allotted to national programs which cannot be reported by States; includes \$20,858 of unallotted funds administered by Department of Agriculture, and \$6,610,166 distributed for education of veterans in foreign countries.Source: Department of Health, Education, and Welfare, Office of Education; *Federal Funds for Education*.



## 5. Law Enforcement, Federal Courts, and Prisons

This section presents data on crimes, arrests, Federal court cases, the legal profession, and Federal and State prisoners. The more important publications in which figures relating to these subjects appear are: *Uniform Crime Reports*, a semiannual bulletin of the Federal Bureau of Investigation; the Administrative Office of the United States Courts *Annual Report to the Director*; and the Bureau of Prisons annual review, *Federal Prisons*, and periodical bulletin, *National Prisoner Statistics*.

In addition, limited information concerning juvenile delinquency and the operation of juvenile courts is collected and published by the Children's Bureau of the Department of Health, Education, and Welfare. Data on prosecution and disposition of persons charged with misdemeanors and other minor offenses may be found for some of the larger cities in the annual reports of their municipal courts or governments. Some information on incarcerated prisoners may be found in the reports of the 1940 and 1950 Censuses of Population.

No centralized information is available on the police activities of the Federal agencies. Some information concerning the work of each Federal agency will be found in its annual report.

**Law enforcement and legal jurisdiction.**—Law enforcement is for the most part a function of State and local officers and agencies. The United States Constitution reserves to the States the general police powers, and only offenses against the United States Government or those which involve the crossing of State lines or an interference with interstate commerce are made Federal offenses by act of Congress. Consequently, criminal offenses such as murder, robbery, burglary, theft, assault, and rape are violations of State laws, unless they occur in Federal territories or reservations, or on the high seas, or are committed by members of the Armed Forces. There are 50 separate criminal law jurisdictions in the United States, 1 in each of the 48 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. Yet the general system of law enforcement is quite similar from State to State, although there are among the States often substantial differences in the penalties provided for like offenses.

Law enforcement can be divided into three parts. The first covers the activities of the police agencies, namely, the investigation of crimes and the apprehension of persons suspected of committing them. This function involves agencies such as municipal police, county police, State police, sheriffs, constables, marshals, Federal agents, and many kinds of special officers. The second phase is the prosecution of those charged with criminal offenses to determine whether they are in fact guilty. The agencies concerned include the courts, justices of the peace, municipal, State, and Federal grand juries, and prosecuting court officers. The third division of administration is concerned with the punishment or treatment of those convicted of crime. While the courts usually determine the sentence after conviction, the application of the penalty is carried out by prison, reformatory, jail, probation, and parole officials.

**Crime.**—Nearly all statistical data on crime and criminals are derived from the records and reports of the various agencies engaged in the administration of criminal law. Police statistics present the number of offenses reported, the number of persons arrested, and the offenses cleared by arrest. Arrest records provide data concerning sex, age, race, and other characteristics of the persons arrested and charged with crime. As the police agencies are largely local, a problem is involved in collecting statistical data from the large number of such agencies. The Federal Bureau of Investigation obtains reports from police agencies and publishes summaries for the country as a whole in its semiannual bulletin, *Uniform Crime Reports*. The great majority of communities are now reporting to the Federal Bureau of Investigation and the reports received cover about 95 percent of the urban population and 80 percent of the rural population of the United States.

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Note.—This section presents data for the most recent year or period available on February 15, 1955, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

**Courts.**—Court statistics for criminal offenses and the outcome of the prosecutions for the country are quite incomplete. In many States, an annual or biennial publication presents data on the disposition of criminal cases in the trial courts. The only national compilation of such statistics was made by the Bureau of the Census which annually, until 1945, published data in *Judicial Criminal Statistics* on the disposition of criminal cases in the general trial courts.

Comprehensive information is collected on the business of the Federal courts by the Administrative Office of the United States Courts, and is published in the *Annual Report of the Director*. The bulk of civil litigation in the country is commenced and determined in the various State courts, and only when the United States Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by these courts. The question whether a State court or a Federal court has jurisdiction over a particular civil action is often difficult to determine, but generally speaking the Federal courts have jurisdiction over the following types of cases:

(1) Suits or proceedings by the United States; (2) Suits or proceedings against the United States; (3) Civil actions between private parties arising under the Constitution, laws, or treaties of the United States; (4) Civil actions between private litigants who are citizens of different States; (5) Civil cases involving admiralty, maritime, or prize jurisdiction; (6) All matters and proceedings in bankruptcy.

The Federal courts of original jurisdiction are known as the United States District Courts, and one or more of these courts is established in every State, Territory, or possession. Appeals from the district courts are taken to intermediate appellate courts of which there are 11. They are known as United States Courts of Appeals. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

**Prisoners.**—Statistics of prisoners committed to penal institutions have been collected and published for a longer period of time than have other criminal statistics. Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1947 when this work was transferred to the Bureau of Prisons. Summary statistics covering persons received and discharged from State prisons and reformatories and from Federal prisons, and persons executed in the United States under civilian authority are now published periodically by the Bureau of Prisons in *National Prisoner Statistics*. Also, nearly every State publishes annual data either for its whole prison system or for each separate State institution.



FIG. XIII.—FEDERAL PRISONERS RECEIVED FROM THE COURTS, BY MAJOR OFFENSE GROUPS: 1946 TO 1954

[See table 182]

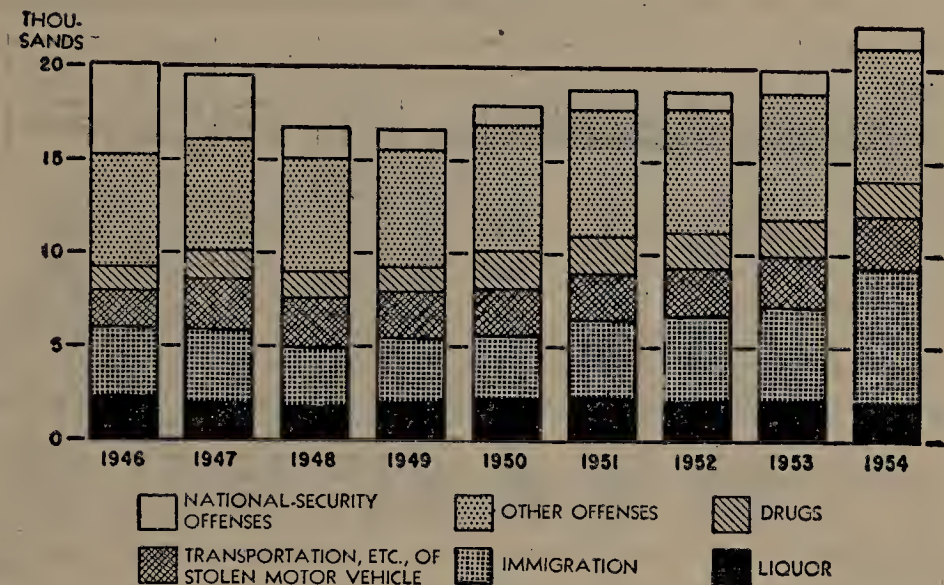
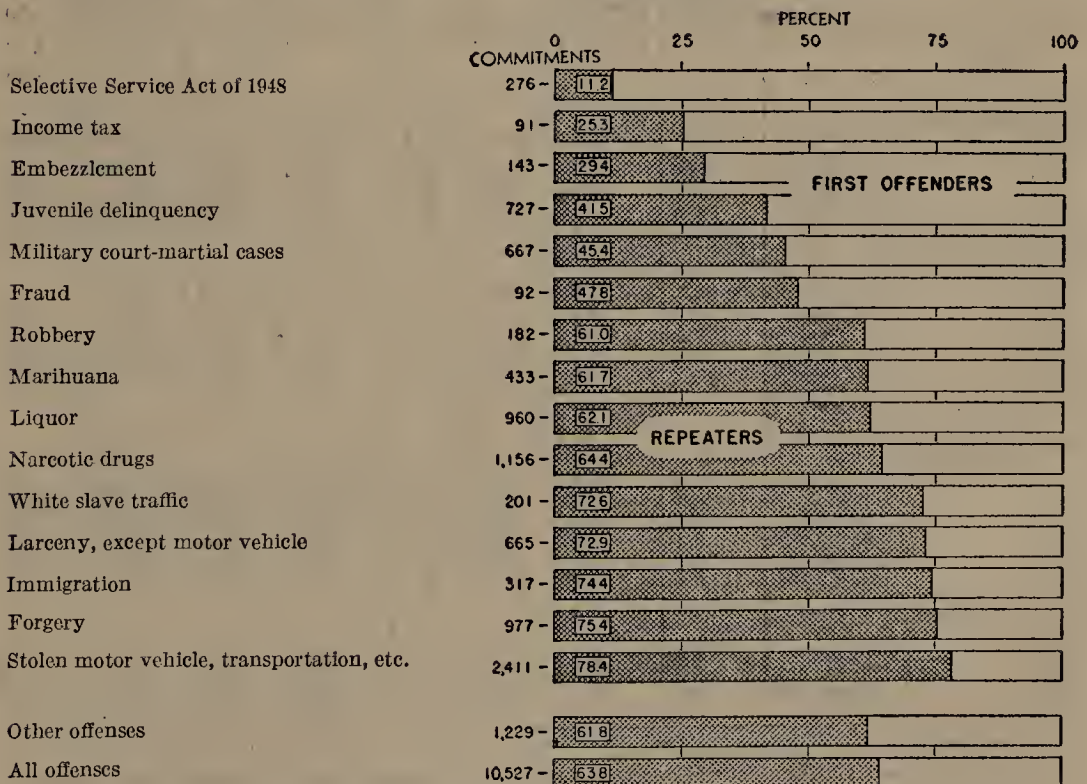


FIG. XIV.—REPEATERS AND FIRST OFFENDERS AMONG FEDERAL PRISONERS, BY OFFENSE: 1954

[See table 183]



Source of figs. XIII and XIV: Department of Justice, Bureau of Prisons.

## No. 164.—URBAN CRIME, BY TYPE OF OFFENSE: 1937 TO 1954

[Offenses known to the police in 363 cities with 25,000 inhabitants or more, total population of 47,586,584, based on 1950 Census]

YEAR	Total	CRIMINAL HOMICIDE		Rape	Robbery	Aggravated assault	Burglary—breaking or entering	Larceny—(except auto theft)	Auto theft
		Murder, nonnegligent manslaughter	Man-slaughter by negligence						
1937	667,140	2,813	2,241	3,527	30,413	21,482	149,237	356,764	100,663
1938	671,707	2,416	1,635	3,431	31,088	21,175	149,163	375,883	86,916
1939	695,992	2,565	1,437	3,671	29,217	21,541	155,267	399,686	82,608
1940	722,324	2,519	1,622	3,707	28,097	22,529	157,637	422,857	83,356
1941	727,665	2,611	2,015	4,051	26,930	23,832	151,276	426,213	90,737
1942	682,233	2,671	1,844	4,459	25,622	26,756	134,654	404,932	81,295
1943	657,059	2,375	1,540	4,921	25,011	25,359	137,286	367,100	93,467
1944	668,350	2,485	1,556	5,208	24,129	28,717	141,184	366,391	98,680
1945	754,386	2,681	1,861	5,686	29,881	31,102	166,903	397,514	118,758
1946	803,995	3,051	1,872	5,874	34,362	34,667	183,763	429,513	110,893
1947	775,948	2,911	1,645	6,022	33,199	37,247	179,045	427,794	88,085
1948	780,094	2,915	1,634	5,995	31,403	39,787	181,386	436,357	80,617
1949	810,714	2,662	1,509	6,056	33,315	41,278	190,722	456,649	78,523
1950	810,945	2,719	1,773	5,926	29,386	41,404	187,016	458,112	84,609
1951	858,470	2,645	1,750	6,285	29,497	40,896	186,067	491,970	99,360
1952	901,175	2,860	1,902	6,303	32,893	46,322	201,311	500,354	109,230
1953	943,455	2,805	1,799	6,534	36,449	48,241	212,477	519,633	115,517
1954	977,787	2,709	1,783	6,395	39,328	48,199	228,465	541,285	109,623

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

## No. 165.—URBAN AND RURAL CRIME RATES, BY TYPE OF OFFENSE: 1944 TO 1954

[Rates based on offenses known per 100,000 population. Extent of reporting area varies from year to year]

YEAR	Population of reporting area	CRIMINAL HOMICIDE		Rape	Robbery	Aggravated assault	Burglary—breaking or entering	Larceny— theft (except auto theft)	Auto theft
		Murder, nonnegligent manslaughter	Man-slaughter by negligence						
URBAN									
Based on 1940 Decennial Census:									
1944	66,776,823	4.9	3.8	10.9	43.8	54.8	305.2	819.0	203.0
1945	67,608,610	5.5	4.4	11.5	54.3	59.8	359.3	889.9	241.5
1946	67,262,382	6.5	4.7	12.1	62.8	67.5	399.6	968.2	229.9
1947	68,280,062	6.1	4.3	12.6	59.6	72.2	389.8	961.2	182.1
1948	68,142,674	6.0	4.0	12.3	56.2	75.8	392.2	975.2	165.5
1949	60,781,747	5.8	3.3	12.5	64.7	82.6	419.1	1,023.4	165.5
Based on 1950 Decennial Census:									
1950	69,643,614	5.1	3.3	10.8	50.0	73.4	356.4	894.9	153.4
1951	69,980,551	4.9	3.2	11.1	49.3	70.5	347.2	940.1	173.8
1952	76,094,589	5.1	3.4	11.5	59.6	81.5	391.5	961.6	187.0
1953	76,811,320	4.8	3.6	11.7	64.0	84.6	409.9	988.1	194.8
1954	79,754,626	4.8	3.4	12.2	71.2	85.0	444.9	1,037.8	187.0
RURAL									
Based on 1940 Decennial Census:									
1944	30,489,124	4.0	3.0	8.7	11.6	22.7	94.8	155.4	52.5
1945	35,164,657	4.5	3.5	9.7	14.8	26.4	107.6	156.3	59.5
1946	34,316,620	7.0	4.6	11.7	19.1	35.2	129.9	183.0	67.7
1947	36,519,339	6.4	4.5	13.6	19.2	36.6	145.6	199.2	57.3
1948	34,168,627	6.2	4.3	12.2	18.4	36.5	149.8	220.3	54.0
1949	38,071,569	5.5	4.2	12.4	20.1	35.8	170.3	229.6	49.1
Based on 1950 Decennial Census:									
1950	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1951	42,433,145	4.8	5.3	10.3	14.2	30.0	155.7	237.5	49.9
1952	40,691,017	5.0	5.6	11.4	17.2	33.9	173.7	257.7	57.8
1953	39,917,306	4.8	5.5	12.5	19.5	35.9	207.3	281.7	62.8
1954	40,039,614	4.9	5.0	12.5	20.0	38.3	238.6	322.3	60.6

1 Not available.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.



**No. 166.—OFFENSES KNOWN TO THE POLICE, BY POPULATION GROUPS: 1952  
AND 1953**

[Population figures based on 1950 Census]

POPULATION GROUP	Total	CRIMINAL HOMICIDE		Rape	Robbery	Aggravated assault	Burglary—breaking or entering	Larceny— theft (except auto theft)	Auto theft
		Murder, nonnegligent manslaughter	Man-slaughter by negligence						
URBAN									
Total, 2,262 cities; total population, 74,145,884:									
1952.....	1,257,546	3,593	2,497	8,585	44,504	59,935	289,795	710,562	138,075
1953.....	1,313,596	3,515	2,656	8,806	48,212	62,604	305,535	737,190	145,078
Percent change.....	+4.5	-2.2	+6.4	+2.6	+8.3	+4.5	+5.4	+3.7	+5.1
37 cities, 250,000 or more; population, 31,717,978:									
1952.....	630,043	1,962	1,312	5,589	32,891	37,325	152,267	321,261	77,436
1953.....	660,781	1,946	1,552	5,661	35,750	39,469	160,807	331,034	84,562
Percent change.....	+4.9	-0.8	+18.3	+1.3	+8.7	+5.7	+5.6	+3.0	+9.2
62 cities, 100,000 to 250,000; population, 9,124,665:									
1952.....	176,698	554	386	840	4,316	6,962	41,750	101,800	20,090
1953.....	180,982	550	347	1,006	4,869	7,435	43,113	103,862	19,800
Percent change.....	+2.4	-0.7	-10.1	+19.8	+12.8	+6.8	+3.3	+2.0	-1.4
124 cities, 50,000 to 100,000; population, 8,759,964:									
1952.....	141,433	345	286	663	2,884	6,781	30,335	85,886	14,253
1953.....	147,764	351	274	675	2,969	6,894	31,863	90,212	14,526
Percent change.....	+4.5	+1.7	-4.2	+1.8	+2.9	+1.7	+5.0	+5.0	+1.9
230 cities, 25,000 to 50,000; population, 8,111,918:									
1952.....	124,014	277	269	523	1,820	3,730	25,308	81,160	10,927
1953.....	128,197	273	239	539	1,878	3,731	27,060	83,736	10,741
Percent change.....	+3.4	-1.4	-11.2	+3.1	+3.2	(1)	+6.9	+3.2	-1.7
636 cities, 10,000 to 25,000; population, 9,827,137:									
1952.....	124,899	288	144	565	1,648	3,465	26,002	82,746	10,041
1953.....	133,537	248	148	528	1,836	3,355	28,363	88,822	10,237
Percent change.....	+6.9	-13.9	+2.8	-6.5	+11.4	-3.2	+9.1	+7.3	+2.0
1,173 cities, less than 10,000; population, 6,604,222:									
1952.....	60,459	167	100	405	945	1,672	14,133	37,709	5,328
1953.....	62,335	147	96	397	910	1,720	14,329	39,524	5,212
Percent change.....	+3.1	-12.0	-4.0	-2.0	-3.7	+2.9	+1.4	+4.8	-2.2
RURAL 2									
Total rural population, 36,658,117:									
1952.....	207,406	1,672	2,114	4,250	6,258	11,710	64,134	95,606	21,662
1953.....	227,314	1,679	1,997	4,480	6,852	12,684	74,745	102,005	22,872
Percent change.....	+9.6	+0.4	-5.5	+5.4	+9.5	+8.3	+16.5	+6.7	+5.6

<sup>1</sup> Increase of less than 1/10 of 1 percent.

<sup>2</sup> Based on reports of 1,392 sheriffs, 104 rural village officers, and 11 State police.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

**No. 167.—CRIME RATES—OFFENSES KNOWN TO THE POLICE IN URBAN COMMUNITIES,  
BY CLASS, BY STATES: 1953**

[Rate per 100,000 inhabitants. Population figures based on 1950 Census. Offenses reported by 2,542 cities representing an urban population of 76,811,320]

DIVISION AND STATE	Murder, nonnegli- gent man- slaughter	Robbery	Aggra- vated assault	Burglary— breaking or entering	Larceny— theft (ex- cept auto theft)	Auto theft
<b>United States</b> .....	4.8	64.0	84.6	409.9	988.1	194.8
<b>New England</b> .....	1.4	14.7	14.9	249.0	615.8	113.6
Maine.....	1.6	9.4	6.9	188.5	653.2	97.9
New Hampshire.....	.4	3.4	3.8	191.4	536.5	59.4
Vermont.....		2.9		175.6	611.7	90.7
Massachusetts.....	1.3	15.6	11.1	224.9	570.4	118.6
Rhode Island.....	1.2	14.0	17.9	326.8	767.2	129.0
Connecticut.....	1.8	16.8	30.6	318.1	687.9	108.5
<b>Middle Atlantic</b> .....	2.8	61.2	66.2	381.3	682.1	137.7
New York.....	3.1	80.3	84.2	450.6	782.5	144.0
New Jersey.....	2.7	38.1	54.6	346.8	607.9	131.9
Pennsylvania.....	1.7	24.1	22.2	203.6	445.7	123.7
<b>East North Central</b> .....	4.4	80.5	73.4	323.8	942.6	174.6
Ohio.....	4.2	47.9	43.5	278.0	945.4	131.1
Indiana.....	3.9	50.7	45.2	409.9	1,107.0	199.3
Illinois.....	5.6	130.6	90.0	325.4	631.2	172.4
Michigan.....	4.5	88.4	123.9	405.1	1,339.8	257.4
Wisconsin.....	1.1	13.2	18.3	164.7	940.9	88.9
<b>West North Central</b> .....	3.4	51.1	59.0	336.0	942.8	169.2
Minnesota.....	1.1	35.8	9.0	309.1	904.4	158.3
Iowa.....	1.1	14.7	10.5	228.8	865.6	95.7
Missouri.....	7.5	105.0	151.3	435.3	947.7	251.3
North Dakota.....		8.1	1.9	207.6	963.6	67.5
South Dakota.....		8.7	6.0	205.7	839.5	72.6
Nebraska.....	1.9	22.3	19.9	246.9	946.3	165.9
Kansas.....	3.8	41.4	53.4	412.0	1,117.1	144.7
<b>South Atlantic</b> <sup>1</sup> .....	10.4	60.5	231.8	514.3	1,129.2	264.9
Delaware.....	3.1	45.3	17.7	459.9	1,355.2	259.5
Maryland.....	6.9	88.3	145.1	517.6	1,165.3	477.2
Virginia.....	11.6	63.2	235.0	493.0	1,316.7	255.0
West Virginia.....	6.0	27.4	49.1	254.4	551.1	120.7
North Carolina.....	11.3	27.0	364.2	400.6	874.0	144.5
South Carolina.....	8.3	23.2	131.7	452.4	1,210.2	182.0
Georgia.....	15.5	47.2	223.5	477.2	958.9	285.0
Florida.....	10.9	65.7	119.6	735.0	1,362.9	254.3
<b>East South Central</b> .....	12.2	48.6	121.2	443.0	703.7	199.7
Kentucky.....	10.7	87.4	144.2	560.2	1,014.0	343.5
Tennessee.....	11.6	44.6	110.2	384.0	595.0	168.9
Alabama.....	14.9	35.0	128.0	454.1	639.5	163.6
Mississippi.....	9.2	14.2	83.8	332.1	534.7	79.1
<b>West South Central</b> .....	9.8	47.2	86.1	515.2	1,193.4	270.1
Arkansas.....	10.2	36.6	97.9	411.0	852.0	125.1
Louisiana.....	8.3	51.8	93.1	278.5	632.0	281.6
Oklahoma.....	5.6	35.6	39.2	448.0	1,201.0	216.3
Texas.....	11.4	50.2	95.6	618.0	1,402.0	298.2
<b>Mountain</b> .....	3.8	61.4	39.4	583.6	1,652.1	248.4
Montana.....	1.9	46.8	34.3	336.1	1,481.2	239.2
Idaho.....	2.0	20.1	28.5	418.5	1,822.8	154.7
Wyoming.....	.8	38.6	33.2	298.3	1,432.6	161.5
Colorado.....	5.3	81.8	42.8	684.2	1,475.1	213.5
New Mexico.....	1.9	38.8	41.3	501.8	1,167.7	286.8
Arizona.....	6.7	114.6	78.8	978.7	2,601.1	500.6
Utah.....	3.1	25.5	18.0	421.0	1,633.6	229.0
Nevada.....	3.5	110.0	28.4	1,014.7	1,917.6	221.7
<b>Pacific</b> .....	3.4	99.4	82.2	617.2	1,755.8	318.4
Washington.....	3.8	65.3	17.2	527.3	1,600.3	291.8
Oregon.....	2.1	44.9	30.6	505.3	1,524.6	185.6
California.....	3.5	110.8	98.7	644.0	1,806.0	336.3

<sup>1</sup> Includes District of Columbia.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.



# No. 168.—OFFENSES KNOWN, OFFENSES CLEARED BY ARREST, AND PERSONS FOUND GUILTY IN 197 CITIES OF 25,000 OR MORE: 1953

[Total population of cities covered was 25,340,424, based on 1950 Census. Information presented here concerning persons found guilty pertains to final dispositions and not the dispositions at any preliminary judicial point, according to the questionnaires returned by the cities].

OFFENSE	NUMBER OF OFFENSES—		Number of persons charged (held for prosecution)	PERSONS FOUND GUILTY—			
	Known to police	Cleared by arrest		Total		Of offense charged	Of lesser offense
				Number	Percent of persons charged		
<b>Total (part I classes)</b> .....	503,682	143,674	101,473	70,599	69.6	59,748	10,851
Criminal homicide:							
Murder and nonnegligent manslaughter.....	1,388	1,307	1,279	760	59.4	559	201
Manslaughter by negligence.....	992	821	688	304	44.2	247	57
Rape.....	3,881	2,992	2,266	1,413	62.4	1,017	396
Robbery.....	22,636	10,281	7,673	5,625	73.3	4,433	1,192
Aggravated assault.....	28,980	21,969	15,122	7,758	51.3	5,594	2,164
Burglary—breaking or entering.....	108,215	33,408	20,288	15,017	74.0	12,228	2,789
Larceny— theft (except auto theft).....	278,959	57,822	41,621	31,427	75.5	28,654	2,773
Auto theft.....	58,631	15,074	12,536	8,295	66.2	7,016	1,279
<b>Total (part II classes)</b> .....	(2)	(2)	9,571,076	6,420,644	67.1	6,280,046	140,598
Other assaults.....	(2)	(2)	41,637	25,550	61.4	24,629	921
Forgery and counterfeiting.....	(2)	(2)	3,742	2,743	73.3	2,437	306
Embezzlement and fraud.....	(2)	(2)	8,460	5,581	66.0	5,121	460
Stolen property; buying, receiving, etc.....	(2)	(2)	1,758	932	53.0	860	72
Weapons; carrying, possessing, etc.....	(2)	(2)	8,914	6,870	77.1	6,505	365
Sex offenses (including prostitution and commercialized vice).....	(2)	(2)	25,077	18,241	72.7	17,532	709
Offenses against the family and children.....	(2)	(2)	15,229	8,739	57.4	8,461	278
Narcotic drug laws.....	(2)	(2)	5,289	3,908	73.9	3,837	71
Liquor laws.....	(2)	(2)	20,066	16,265	81.1	15,934	331
Drunkenness; disorderly conduct; vagrancy.....	(2)	(2)	712,568	534,379	75.0	529,747	4,632
Gambling.....	(2)	(2)	31,308	21,497	68.7	21,345	152
Driving while intoxicated.....	(2)	(2)	45,155	40,385	89.4	36,886	3,499
Traffic and motor-vehicle laws <sup>2</sup> .....	(2)	(2)	8,529,220	5,661,056	66.4	5,534,794	126,262
All other offenses.....	(2)	(2)	122,653	74,498	60.7	71,958	2,540

<sup>1</sup> Subject to coverage indicated in footnote 3. <sup>2</sup> Not available.

<sup>3</sup> Based on reports of 192 cities, total population, 23,160,484.

Source: Department of Justice, Federal Bureau of Investigation; semiannual bulletin, *Uniform Crime Reports for the United States*.

# No. 169.—JUVENILE DELINQUENCY—POLICE ARRESTS OF CHILDREN UNDER 18, CASES HANDLED BY 200 JUVENILE COURTS, AND CHILDREN 10 TO 17 YEARS OLD: 1940 TO 1953

YEAR	CHILDREN UNDER 18 ARRESTED BY POLICE <sup>1</sup>		JUVENILE COURT CASES <sup>2</sup>		CHILDREN, 10 TO 17 YEARS OLD	
	Number	Index (1940=100)	Number	Index (1940=100)	Number <sup>3</sup>	Index (1940=100)
1940.....	35,332	100	39,257	100	19,138,000	100
1941.....	37,070	105	43,968	112	18,916,000	99
1942.....	37,922	107	49,071	125	18,648,000	97
1943.....	47,884	136	67,522	172	18,309,000	96
1944.....	46,690	132	64,774	165	17,738,000	93
1945.....	49,566	140	67,522	172	17,512,000	92
1946.....	37,833	107	58,100	148	17,419,000	91
1947.....	34,376	97	51,335	131	17,344,000	91
1948.....	31,750	90	50,278	128	17,314,000	90
1949.....	32,922	93	52,850	135	17,365,000	91
1950.....	34,599	98	55,259	141	17,397,000	91
1951.....	37,259	105	58,722	150	17,706,000	93
1952.....	86,128	-----	64,755	165	18,202,000	95
1953.....	149,806	-----	72,803	185	18,980,000	99

<sup>1</sup> Data for 1940-1951 based on fingerprint records received by the Federal Bureau of Investigation; data for 1952 and 1953 based on report forms (including arrests of children who were not fingerprinted) sent in by city police departments in reporting cities.

<sup>2</sup> Data for 1946-1953 based on cases disposed of by 200 courts serving about 12 percent of the child population; data for 1940-1945 for these courts estimated by Children's Bureau. For an analysis of the data and an explanation of their limitations, see *Juvenile Court Statistics, 1953* (Children's Bureau Statistical Series, No. 28).

<sup>3</sup> Estimates of civilian population published by the Bureau of the Census in *Current Population Reports*, Series P-65, Nos. 93 and 98.

Source: Department of Justice, Federal Bureau of Investigation; Department of Health, Education, and Welfare, Social Security Administration, Children's Bureau; and Department of Commerce, Bureau of the Census.

# No. 170.—ARRESTS, BY AGE GROUPS, IN 1,174 CITIES OF 2,500 INHABITANTS OR MORE: 1953

[Data for all persons arrested for violations that happened in these reporting cities, covering about 42 percent of the total city population in 1950. Each person arrested is counted rather than the number of charges that may be filed against one person. Arrest of a juvenile is counted with the offense actually committed even though a technical charge, such as juvenile delinquency, must be filed under local procedure]

OFFENSE CHARGED	Total, all ages	AGE (years)								Not known
		Under 18	18 to 20	21 to 24	25 to 34	35 to 44	45 to 49	50 and over		
<b>Total</b> .....	<b>1,791,160</b>	<b>149,806</b>	<b>113,594</b>	<b>182,911</b>	<b>459,518</b>	<b>416,408</b>	<b>164,739</b>	<b>303,223</b>	<b>961</b>	
Criminal homicide:										
Murder and nonnegligent man- slaughter.....	2,199	90	152	277	730	493	160	297		
Manslaughter by negligence.....	1,191	46	126	193	396	232	62	136		
Robbery.....	11,786	2,116	2,174	2,431	3,571	1,113	172	208	1	
Aggravated assault.....	21,114	1,277	1,538	2,776	7,623	4,773	1,329	1,797	1	
Other assaults.....	68,135	3,586	4,769	9,570	25,085	15,621	4,005	5,488	11	
Burglary—breaking or entering.....	36,879	18,170	5,149	4,289	6,038	2,259	444	509	21	
Larceny— theft.....	68,195	27,367	7,540	6,792	12,525	7,319	2,426	4,209	17	
Auto theft.....	20,391	10,938	3,300	2,285	2,680	894	159	125	10	
Embezzlement and fraud.....	11,877	431	1,086	1,325	4,504	2,748	770	1,009	4	
Stolen property; buying, receiving, etc.....	2,734	681	319	337	651	427	132	184	3	
Forgery and counterfeiting.....	7,151	473	712	986	2,710	1,520	324	423	3	
Rape.....	4,023	652	867	735	1,093	425	107	144		
Prostitution and commercialized vice.....	20,345	235	1,945	5,791	7,509	3,156	809	895	5	
Other sex offenses.....	14,341	2,296	1,157	1,934	4,275	2,556	754	1,353	16	
Narcotic drug laws.....	5,681	235	698	1,411	2,186	713	179	257	2	
Weapons; carrying, possessing, etc.....	13,185	1,546	1,484	2,049	4,216	2,325	632	923	10	
Offenses against family and children.....	19,616	1,229	1,057	2,682	7,940	4,575	983	1,138	12	
Liquor laws.....	33,714	2,872	4,775	3,030	8,354	7,733	2,602	4,345	3	
Driving while intoxicated.....	79,498	389	2,532	8,865	26,089	22,714	7,850	11,044	15	
Disorderly conduct.....	199,548	15,994	18,344	28,918	60,266	41,753	13,432	20,811	30	
Drunkenness.....	774,096	4,595	17,488	49,773	174,440	222,913	102,805	201,460	622	
Vagrancy.....	75,754	3,099	5,966	7,762	17,298	16,973	7,553	17,086	17	
Gambling.....	39,656	453	955	2,676	12,369	11,390	4,177	7,623	13	
Suspicion.....	76,703	11,578	11,688	12,695	21,002	11,107	3,341	5,267	25	
All other offenses.....	183,348	39,458	17,773	23,329	45,968	30,676	9,532	16,492	120	

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

# No. 171.—U. S. SUPREME COURT—CASES FILED AND DISPOSITION DURING OCTOBER TERMS: 1940 TO 1953

[For years beginning in June. Statutory term of Court begins first Monday in October, but for statistical purposes new term begins upon adjournment of preceding term, usually in June]

ACTION	1940	1945	1948	1949	1950	1951	1952	1953
Total cases:								
Filed.....	977	1,316	1,465	1,270	1,181	1,234	1,283	1,302
Disposed of.....	985	1,292	1,425	1,301	1,202	1,207	1,278	1,293
Remaining on docket.....	124	168	171	140	119	146	151	160
Original cases filed.....	4	1	2			1	2	
Appeals filed.....	84	64	86	85	77	104	87	81
Petitions for review:								
Filed.....	769	727	687	633	582	612	655	603
Granted.....	174	155	144	85	89	94	104	78
Denied or dismissed.....	592	565	523	556	495	518	541	522
Pauper petitions for review:								
Filed.....	120	393	447	441	404	413	434	528
Granted.....	19	15	18	7	17	19	11	10
Denied or dismissed.....	101	378	425	436	386	386	429	507
Motions for leave to file various writs:								
Filed.....		131	243	111	118	104	105	90
Granted.....			2			1		
Denied or dismissed.....		131	241	108	121	102	104	92
Method of disposition by—								
Written opinions (number of cases).....	195	170	147	108	114	96	122	84
Number of written opinions.....	165	134	114	87	91	83	104	65
Court opinions not signed by an individual Justice.....	86	45	91	94	77	101	71	86
Final decree—original cases.....	1		1		5			
Denial or dismissal of petitions for review.....	693	943	948	991	881	904	970	1,029
Denial or withdrawal of motions to file various writs.....		131	235	107	121	101	104	92
Motion to dismiss or per stipulation.....	10	3	3	1	4	5	11	2

Source: Administrative Office of the U. S. Courts, *Annual Report of the Director*.



## No. 172.—U. S. COURTS OF APPEALS—CASES FILED: 1940 TO 1954

[For years ending June 30]

CASES	1940	1945	1948	1949	1950	1951	1952	1953	1954
<b>Total cases</b> <sup>1</sup> .....	3,505	2,730	2,758	2,989	2,830	2,982	3,079	3,226	3,481
Appeals from courts.....	2,561	2,168	2,314	2,455	2,290	2,337	2,410	2,522	2,715
Administrative appeals, total.....	800	511	381	491	485	566	610	639	659
Federal Trade Commission.....	23	26	9	6	8	38	20	25	11
National Labor Relations Board.....	306	108	63	172	167	236	244	285	294
The Tax Court of the United States.....	414	331	244	233	239	238	257	252	271
Other administrative appeals.....	57	46	65	80	71	54	89	77	83

<sup>1</sup> Includes some miscellaneous original proceedings which are neither appeals from courts nor administrative appeals.

Source: Administrative Office of the U. S. Courts, *Annual Report of the Director*.

## No. 173.—CIVIL CASES FILED IN 86 U. S. DISTRICT COURTS: 1941 TO 1954

[For years ending June 30. Excludes district courts in D. C., Alaska, Canal Zone, Guam, and Virgin Islands]

TYPE OF CASE	1941 <sup>1</sup>	1945 <sup>1</sup>	1948	1949	1950	1951	1952	1953	1954
<b>Total</b> .....	28,909	52,144	36,830	43,351	44,454	41,252	47,734	52,674	48,182
<b>U. S. cases, total</b> .....	14,544	42,087	15,845	21,396	21,854	18,802	22,243	23,166	19,167
U. S. plaintiff:									
Land condemnation.....	1,783	1,253	544	746	759	874	991	982	706
Rationing, price, and rent control (OPA-OHE).....		28,283	3,566	6,624	5,252	3,765	3,283	2,695	56
Defense Production Act 1950 <sup>2</sup> .....						23	2,116	1,069	42
Forfeiture:									
Food and drug.....	2,265	3,415	1,281	2,077	1,582	1,474	1,816	1,527	1,212
Liquor laws.....	569	593	424	582	517	646	683	751	687
Negotiable instruments.....	3,206	1,639	2,031	2,562	4,156	3,384	3,654	4,245	5,814
Other contracts.....	341	301	582	1,450	2,029	1,355	1,539	2,650	3,004
Other U. S. plaintiff.....	4,492	2,912	2,588	2,886	3,431	3,395	3,503	3,644	3,290
U. S. defendant:									
Habeas corpus (not including deportations).....	318	475	508	481	409	399	406	346	395
Admiralty.....	36	2,016	1,301	730	468	349	502	691	582
Tax suits.....	779	462	503	622	896	1,023	1,058	1,051	863
Federal Tort Claims Act.....			1,475	1,212	1,013	686	822	1,041	1,118
Other.....	755	738	1,042	1,424	1,342	1,429	1,870	2,474	1,398
<b>Private cases, total</b> .....	14,365	10,057	20,985	21,955	22,600	22,450	25,491	29,508	29,015
Federal question.....	5,427	3,563	6,958	6,543	6,743	6,441	7,622	8,928	7,492
Antitrust laws.....	110	26	76	159	155	202	255	207	159
Copyright.....	560	133	246	128	164	146	194	199	208
Patent.....	953	226	476	560	689	584	519	557	578
Trade-mark.....	173	91	157	157	204	164	178	192	193
Employers' Liability Act.....	100	412	1,038	942	1,084	1,132	1,231	1,316	1,282
Fair Labor Standards Act.....	816	597	796	277	245	250	224	215	182
Habeas corpus.....	127	536	543	584	560	482	541	548	597
Jones Act.....	949	384	1,574	1,620	1,716	1,734	2,227	2,463	2,253
Rationing, price, and rent control (OPA-OHE-Def. Prod. Act 1950).....		384	958	1,042	631	526	521	527	251
Other.....	1,639	774	1,094	1,074	1,295	1,221	1,732	2,704	1,789
Diversity of citizenship.....	7,286	5,268	10,818	12,347	13,124	13,474	15,125	17,374	18,598
Contract.....	2,685	2,141	4,149	4,531	4,862	4,604	4,869	5,624	6,484
Tort.....	3,631	2,763	6,114	7,051	7,572	8,309	9,696	11,170	11,503
Other.....	970	364	555	765	690	561	560	580	611
Admiralty.....	1,652	1,226	3,209	3,065	2,733	2,535	2,744	3,206	2,925

<sup>1</sup> Represents 84 districts; data for Hawaii and Puerto Rico excluded prior to 1948.

<sup>2</sup> Excludes rent control cases which are included with rationing, price, and rent control.

Source: Administrative Office of the U. S. Courts, *Annual Report of the Director*.

## No. 174.—U. S. DISTRICT COURTS—TRIALS BEGUN: 1945 TO 1954

[For years ending June 30. For purposes of this table, a trial was defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence was introduced and final judgment sought]

TYPE OF TRIAL	1945	1948	1949	1950	1951	1952	1953	1954
<b>Total</b> -----	<b>9,779</b>	<b>8,905</b>	<b>9,282</b>	<b>9,572</b>	<b>9,878</b>	<b>10,073</b>	<b>10,768</b>	<b>11,275</b>
Civil trials, total-----	5,265	6,156	6,426	6,539	6,962	6,668	6,861	6,958
Court-----	3,561	4,204	4,149	4,276	4,492	4,179	4,272	4,182
Jury-----	1,704	1,952	2,277	2,263	2,470	2,489	2,589	2,776
Criminal trials, total-----	4,514	2,749	2,856	3,033	2,916	3,405	3,907	4,317
Court-----	1,503	892	997	961	1,035	1,167	1,361	1,493
Jury-----	3,011	1,857	1,859	2,072	1,881	2,238	2,546	2,824

Source: Administrative Office of the U. S. Courts, *Annual Report of the Director*.

## No. 175.—CIVIL CASES TERMINATED IN 86 U. S. DISTRICT COURTS, BY BASIS OF JURISDICTION AND MAJOR NATURE OF SUIT GROUPS: 1954

[For year ending June 30. Excludes district courts in D. C., Alaska, Canal Zone, Guam, and Virgin Islands. Excludes data for land condemnation cases]

BASIS OF JURISDICTION AND NATURE OF SUIT	Total	JUDGMENT WITHOUT CONTEST OR BY CONSENT					CONTESTED JUDGMENT			
		Dis-missed for want of prosecution	De-fault judgment	Con-sent judgment	Con-sent dismissal	Other disposition	Judgment by decision of court before trial	Judgment after court trial	Judgment by court during jury trial	Judgment on jury verdict
<b>Total cases</b> -----	<b>46,536</b>	<b>1,445</b>	<b>7,371</b>	<b>6,036</b>	<b>21,679</b>	<b>1,902</b>	<b>3,801</b>	<b>2,709</b>	<b>207</b>	<b>1,386</b>
United States cases-----	19,470	323	6,577	2,654	5,658	630	2,043	1,473	19	93
Private cases-----	27,066	1,122	794	3,382	16,021	1,272	1,758	1,236	188	1,293
<b>United States plaintiff</b> -----	<b>14,356</b>	<b>143</b>	<b>6,565</b>	<b>2,311</b>	<b>3,657</b>	<b>112</b>	<b>781</b>	<b>726</b>	<b>16</b>	<b>45</b>
Enforcement of Federal statutes:										
Rent control—OHE-----	1,539	23	130	418	639	5	141	179	4	-----
Fair Labor Standards Act-----	435	1	12	227	137	7	13	33	2	3
Other enforcement suits-----	888	20	140	159	382	17	86	78	1	5
Forfeitures:										
Food and drug-----	1,240	3	697	332	51	36	110	10	-----	1
Liquor-----	693	4	213	117	61	9	103	171	3	12
Other forfeitures-----	561	2	277	81	99	1	35	62	1	3
Contract actions:										
Negotiable instruments-----	4,984	28	3,457	512	873	9	52	46	2	5
Other contracts-----	2,290	41	1,204	84	764	7	117	64	2	7
Other U. S. plaintiff-----	1,726	21	435	381	651	21	124	83	1	9
<b>United States defendant</b> -----	<b>5,114</b>	<b>180</b>	<b>12</b>	<b>343</b>	<b>2,001</b>	<b>518</b>	<b>1,262</b>	<b>747</b>	<b>3</b>	<b>48</b>
Habeas corpus-----	691	29	-----	-----	107	2	454	99	-----	-----
Tort Claims Act-----	1,340	24	3	183	381	382	147	218	-----	2
Tax suits-----	938	17	1	24	578	71	78	141	2	26
Other U. S. defendant-----	2,145	110	8	136	935	63	583	289	1	20
<b>Federal question</b> -----	<b>7,526</b>	<b>494</b>	<b>404</b>	<b>547</b>	<b>4,399</b>	<b>165</b>	<b>914</b>	<b>354</b>	<b>24</b>	<b>225</b>
Copyright-----	183	12	17	25	115	1	5	8	-----	-----
Employers' Liability Act-----	1,197	15	1	49	889	43	19	16	11	154
Fair Labor Standards Act-----	283	43	2	24	163	9	13	26	-----	3
Habeas corpus-----	615	4	1	-----	35	3	552	20	-----	-----
Jones Act-----	2,228	225	18	112	1,727	36	43	16	6	45
Miller Act-----	261	11	2	22	183	-----	11	31	-----	1
Patent-----	532	41	2	120	249	10	30	77	1	2
Other Federal question-----	2,227	143	361	195	1,038	63	241	160	6	20
<b>Diversity of citizenship</b> -----	<b>16,643</b>	<b>471</b>	<b>311</b>	<b>2,660</b>	<b>9,510</b>	<b>988</b>	<b>764</b>	<b>712</b>	<b>163</b>	<b>1,064</b>
Contracts:										
Insurance-----	2,954	25	18	1,449	926	113	112	144	22	145
Other contracts-----	2,852	129	231	276	1,512	110	212	270	25	87
Real property-----	434	7	11	35	211	44	47	65	4	10
Torts:										
Personal injury, motor vehicle-----	6,137	129	28	592	4,211	388	128	95	54	512
Personal injury, other negligence-----	2,852	114	1	219	1,861	179	136	71	47	224
Other diversity-----	1,414	67	22	89	789	154	129	67	11	86
<b>Admiralty</b> -----	<b>2,897</b>	<b>157</b>	<b>79</b>	<b>175</b>	<b>2,112</b>	<b>119</b>	<b>80</b>	<b>170</b>	<b>1</b>	<b>4</b>

Source: Administrative Office of the U. S. Courts, *Annual Report of the Director*.



# No. 176.—CRIMINAL PROCEEDINGS COMMENCED IN U. S. DISTRICT COURTS, BY MAJOR OFFENSE GROUPS: 1952, 1953, AND 1954

[For years ending June 30. Figures for defendants are smaller in some instances than corresponding figures for cases, because defendants appearing in more than one case have been counted only once]

NATURE OF PROCEEDING AND OFFENSE	1952		1953		1954	
	Cases	Defendants	Cases	Defendants	Cases	Defendants
<b>Total</b> -----	37,950	43,590	37,291	43,330	41,808	47,883
<b>Proceeding commenced by:</b>						
Indictment-----	15,260	19,384	16,491	20,911	17,111	21,660
Information—indictment waived-----	6,378	6,984	7,189	7,778	8,273	8,949
Information—other-----	16,255	17,165	13,547	14,560	16,344	17,185
All other proceedings-----	57	57	64	81	80	89
<b>Offense:</b>						
Transportation, etc., of stolen motor vehicles-----	3,123	3,745	3,188	3,694	3,413	3,944
Larceny, fraud, and other theft <sup>1</sup> -----	7,407	8,401	7,422	8,558	8,550	9,849
White slave traffic-----	240	267	318	375	367	412
Narcotics-----	2,021	2,469	2,364	2,837	1,870	2,352
Liquor, Internal Revenue-----	3,766	5,628	3,666	5,595	3,738	5,641
Other liquor-----	238	256	279	309	88	100
Antitrust violations-----	12	84	16	135	10	95
Food and Drug Act-----	271	447	348	628	283	467
Immigration laws-----	13,147	13,279	11,589	11,757	15,797	15,994
Impersonation of Federal officer-----	197	193	184	182	173	173
Juvenile delinquency-----	1,116	1,347	1,234	1,477	1,171	1,438
Migratory bird laws-----	483	632	472	648	405	528
Motor Carrier Act-----	332	382	344	411	189	250
National defense laws:						
Selective Service Acts-----	675	659	764	771	1,017	1,015
OPA-OHE—Price and rent control-----	2	2	4	5		
Illegal use of uniform-----	176	175	169	162	161	157
Other <sup>2</sup> -----	219	405	219	333	230	350
All other U. S. offenses-----	2,196	2,742	2,088	2,671	1,892	2,558
Offenses: local, <sup>3</sup> on U. S. reservations and high seas:						
Robbery-----	229	296	286	310	248	313
Assault-----	320	330	354	360	299	311
Burglary-----	368	366	448	438	409	379
Larceny-----	455	496	418	446	382	390
Rape and other sex offenses-----	204	193	188	191	253	247
All other local, etc., offenses-----	753	796	929	1,037	863	920

<sup>1</sup> Includes burglary, embezzlement, forgery, theft, etc., interstate commerce and transportation, etc., of stolen property.

<sup>2</sup> Includes treason, espionage, sabotage, sedition, and other offenses directly associated with national defense.

<sup>3</sup> District of Columbia, Alaska, Canal Zone, Guam, and Virgin Islands.

Source: Administrative Office of the U. S. Courts, *Annual Report of the Director*.

# No. 177.—CRIMINAL DEFENDANTS DISPOSED OF IN 86 U. S. DISTRICT COURTS, BY MAJOR OFFENSE GROUPS: 1954

[For year ending June 30. Excludes district courts in D. C., Alaska, Canal Zone, Guam, and Virgin Islands]

NATURE OF OFFENSE	Total	NOT CONVICTED			CONVICTED AND SENTENCED			TYPE OF SENTENCE		
		Total	Dis- missed	Acquit- ted	Total	Pleas of guilty or nolo	Con- victed	Im- prison- ment	Proba- tion and sus- pended sen- tence	Fine only
<b>Total (excluding juvenile delinquency) <sup>1</sup></b>	42,989	4,848	3,571	1,277	38,141	35,560	2,581	18,483	16,856	2,802
Transportation, etc., of stolen motor vehicles	3,837	276	218	58	3,561	3,376	185	2,693	867	1
Larceny, fraud, and other theft <sup>2</sup>	9,344	1,391	1,112	279	7,953	7,417	536	3,567	3,717	669
White slave traffic	366	81	45	36	285	198	87	233	50	2
Narcotics	2,220	310	239	71	1,910	1,491	419	1,483	411	16
Liquor, Internal Revenue	5,354	935	501	434	4,419	3,796	623	1,900	2,180	339
Other liquor	116	40	36	4	76	72	4	21	45	10
Antitrust violations	167	45	45		122	120	2		7	115
Food and Drug Act	525	75	64	11	450	418	32	9	80	361
Immigration laws	15,832	319	285	34	15,513	15,440	73	6,914	8,499	100
Impersonating federal officer	187	45	34	11	142	127	15	81	52	9
Migratory bird laws	532	80	55	25	452	429	23	19	11	422
Motor Carrier Act	246	25	14	11	221	209	12		12	209
National defense laws:										
Selective Service Acts	822	398	278	120	424	194	230	356	64	4
OPA-OHE—Price and rent control	29	24	24		5	5			3	2
Illegal use of uniform	154	11	10	1	143	143		68	72	3
Other <sup>3</sup>	333	78	58	20	255	211	44	65	48	142
Counterfeiting	169	38	30	8	131	114	17	62	64	5
All other U. S. offenses	2,166	561	445	116	1,605	1,397	208	798	452	355
Offenses committed on U. S. reservations and high seas	590	116	78	38	474	403	71	214	222	38
Juvenile delinquency	1,458	55	46	9	1,403		1,403	738	661	4

<sup>1</sup> Juvenile delinquency cases excluded from totals because proceedings differ in nature from ordinary court trial and because Attorney General has power to designate any public or private agency for custody of juvenile during period for which he is committed.

<sup>2</sup> See footnote 1, table 176.

<sup>3</sup> See footnote 2, table 176.

Source: Administrative Office of the U. S. Courts, *Annual Report of the Director*.

# No. 178.—LEGAL PROFESSION—LAWYERS, BY SEX, AGE, EDUCATION, AND STATUS OF PRACTICE: 1951

[Includes data for Alaska and Hawaii]

ITEM	Total lawyers	LAWYERS IN CITIES <sup>1</sup> HAVING—		ITEM	Total lawyers	LAWYERS IN CITIES <sup>1</sup> HAVING—	
		200,000 inhabit- ants or more	Less than 200,000 inhabit- ants			200,000 inhabit- ants or more	Less than 200,000 inhabit- ants
<b>Total <sup>2</sup></b>	221,605	116,708	104,897	<b>Status in practice: <sup>4</sup></b>			
<b>Total reporting <sup>3</sup></b>	204,111	107,151	96,960	Government service	19,910	7,372	12,538
Male	199,052	104,148	94,904	Federal	8,314	4,734	3,580
Female	5,059	3,003	2,056	State	3,577	900	2,677
Age:				City or county	8,019	1,738	6,281
Under 37 years	48,966	23,414	25,552	Judicial	7,471	1,712	5,759
37 to 46 years	56,909	31,093	25,816	Federal	675	277	398
47 to 56 years	43,190	24,307	18,883	State or county	4,561	975	3,586
57 to 66 years	27,299	14,003	13,296	City	2,235	460	1,775
67 to 76 years	15,486	6,846	8,640	Private practice	176,995	90,959	86,036
77 years and over	5,858	2,322	3,536	Individual	120,340	61,746	58,594
Unknown	6,403	5,166	1,237	Partner	47,311	23,063	24,248
Education:				Associate	9,344	6,150	3,194
Attended college	149,320	76,982	72,338	Salaried	12,997	8,642	4,355
College degree	88,938	48,405	40,533	Private industry	11,274	7,904	3,370
Attended law school	170,977	93,077	77,900	Educational insti- tution	1,213	527	686
Law degree	145,467	80,803	64,664	Other private em- ployment	510	211	299
Unknown	23,337	11,749	11,588	Inactive or retired	6,974	3,183	3,791

<sup>1</sup> According to the 1950 Census of Population. <sup>2</sup> Includes lawyers not reporting and an estimated adjustment (subtraction) to account for duplications. Excludes an estimated 3 percent of lawyers still unaccounted for.

<sup>3</sup> Includes 4,147 duplications. <sup>4</sup> If more than one subentry was applicable the individual was tabulated in each.

Source: American Bar Association Survey of the Legal Profession, *The Second Statistical Report on the Lawyers of the United States*, prepared from the Martindale-Hubbell Law Directory 1952 edition (Copyright 1952 by Reginald Heber Smith).



## No. 179.—LEGAL PROFESSION—LAWYERS, BY STATE AND TERRITORY: 1951

STATE	Total lawyers report- ing <sup>1</sup>	LAWYERS IN CITIES HAVING—		STATE AND TERRITORY	Total lawyers report- ing <sup>1</sup>	LAWYERS IN CITIES <sup>2</sup> HAVING—	
		200,000 inhabit- ants or more	Less than 200,000 inhabit- ants			200,000 inhabit- ants or more	Less than 200,000 inhabit- ants
<b>Total</b> .....	204,111	107,151	96,960	Montana.....	794		794
Alabama.....	2,098	596	1,502	Nebraska.....	2,079	800	1,279
Arizona.....	865		865	Nevada.....	313		313
Arkansas.....	1,628		1,628	New Hampshire.....	492		492
California.....	14,577	9,356	5,221	New Jersey.....	7,042	2,600	4,442
Colorado.....	2,122	1,322	800	New Mexico.....	617		617
Connecticut.....	2,515		2,515	New York.....	33,206	26,240	6,966
Delaware.....	316		316	North Carolina.....	2,714		2,714
District of Columbia.....	6,637	6,637		North Dakota.....	563		563
Florida.....	4,165	1,489	2,676	Ohio.....	11,020	7,494	3,526
Georgia.....	3,636	1,358	2,278	Oklahoma.....	3,740	1,084	2,656
Idaho.....	579		579	Oregon.....	1,922	1,064	858
Illinois.....	15,643	11,187	4,456	Pennsylvania.....	9,526	5,375	4,151
Indiana.....	4,119	1,170	2,949	Rhode Island.....	800	627	173
Iowa.....	3,261		3,261	South Carolina.....	1,399		1,399
Kansas.....	2,220		2,220	South Dakota.....	740		740
Kentucky.....	3,009	998	2,011	Tennessee.....	3,284	713	2,571
Louisiana.....	2,730	1,221	1,509	Texas.....	9,997	4,700	5,297
Maine.....	887		887	Utah.....	838		838
Maryland.....	3,320	2,439	881	Vermont.....	383		383
Massachusetts.....	7,788	4,855	2,933	Virginia.....	3,515	1,101	2,414
Michigan.....	6,561	3,635	2,926	Washington.....	2,967	1,398	1,569
Minnesota.....	3,500	2,201	1,299	West Virginia.....	1,622		1,622
Mississippi.....	1,606		1,606	Wisconsin.....	4,215	1,645	2,570
Missouri.....	5,802	3,846	1,956	Wyoming.....	380		380
				Alaska.....	94		94
				Hawaii.....	265		265

<sup>1</sup> See footnote 3 in table 178.      <sup>2</sup> See footnote 1 in table 178.

Source: American Bar Association Survey of the Legal Profession, *The Second Statistical Report on the Lawyers of the United States*, prepared from the Martindale-Hubbell Law Directory 1952 edition (Copyright 1952 by Reginald Heber Smith).

## No. 180.—SENTENCED PRISONERS PRESENT AT END OF YEAR AND PRISONERS RECEIVED FROM COURTS, BY TYPE OF INSTITUTION: 1939 TO 1953

[Rate per 100,000 of estimated civilian population. Includes estimates for certain State institutions]

YEAR	PRESENT AT END OF YEAR						RECEIVED FROM COURTS					
	All institutions		Federal institutions		State institutions		All institutions		Federal institutions		State institutions	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1939.....	179,559	137.5	19,730	15.1	159,829	122.4	(1)	(1)	(1)	(1)	(1)	(1)
1940.....	172,996	131.4	19,260	14.6	153,736	116.8	73,290	55.7	15,109	11.5	58,181	44.2
1941.....	164,669	125.2	18,465	14.0	146,204	111.1	69,478	52.8	15,350	11.7	54,128	41.1
1942.....	149,791	114.5	16,623	12.7	133,168	101.8	59,421	45.4	13,725	10.5	45,696	34.9
1943.....	136,367	107.0	16,113	12.6	120,254	94.4	50,061	39.3	12,203	9.6	37,858	29.7
1944.....	131,974	104.2	18,139	14.3	113,835	89.9	50,148	39.6	14,047	11.1	36,101	28.5
1945.....	133,219	104.4	18,638	14.6	114,581	89.8	52,875	41.4	14,171	11.1	38,704	30.3
1946.....	139,435	100.8	17,622	12.7	121,813	88.0	60,530	43.7	14,950	10.8	45,580	32.9
1947.....	150,865	105.8	17,146	12.0	133,719	93.8	63,977	44.9	12,948	9.1	51,029	35.8
1948.....	155,092	106.8	16,328	11.2	138,764	95.6	62,650	43.2	12,430	8.6	50,220	34.6
1949.....	163,342	110.7	16,868	11.4	146,474	99.3	68,377	46.4	13,130	8.9	55,247	37.5
1950.....	165,796	110.4	17,134	11.4	148,662	99.0	68,855	45.8	14,237	9.5	54,618	36.4
1951.....	164,896	109.1	17,395	11.5	147,501	97.6	66,380	43.9	14,120	9.3	52,260	34.6
1952.....	167,374	109.2	18,014	11.7	149,360	97.4	69,986	45.6	15,305	10.0	54,681	35.7
1953.....	172,729	110.6	19,363	12.4	153,366	98.2	73,299	47.0	16,376	10.5	56,923	36.5

<sup>1</sup> Comparable data not available.Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 11.

## No. 181.—FEDERAL PRISONERS RELEASED FOR FIRST TIME, BY OFFENSE AND TYPE OF RELEASE: 1954

[For year ending June 30. Excludes the first releases of 224 juvenile delinquents with minority sentences: 123 Federal juveniles who served an average of 21.3 months, and 101 District of Columbia juveniles who served an average of 14.7 months. Also excludes 390 first releases other than by parole, conditional release, and expiration of sentence; and 953 second or subsequent releases of parole or conditional-release violators. Sentences to life and to more than 45 years were counted as 45 years in computing averages. Releases of 6 prisoners with life sentences are included; all were by parole and their average time served was 18.9 years]

OFFENSE	ALL FIRST RELEASES				BY PAROLE				BY OTHER TYPES OF RELEASE			
	Number	Average sentence (months)	Average time served		Number	Average sentence (months)	Average time served		Number	Average sentence (months)	Average time served	
			Months	Percent of average sentence			Months	Percent of average sentence			Months	Percent of average sentence
<b>Total offenses</b> .....	<b>15,751</b>	<b>21.9</b>	<b>13.8</b>	<b>62.9</b>	<b>3,932</b>	<b>35.7</b>	<b>15.6</b>	<b>43.7</b>	<b>11,819</b>	<b>17.3</b>	<b>13.2</b>	<b>76.0</b>
Counterfeiting.....	113	44.9	26.4	58.7	48	52.1	22.3	42.8	65	39.6	29.4	74.2
Drug laws.....	1,486	31.8	20.9	65.7	443	34.8	16.0	45.9	1,043	30.5	23.6	75.3
Embezzlement.....	227	21.5	10.3	48.0	149	25.3	9.9	39.2	78	14.1	11.0	78.3
Forgery.....	992	20.7	14.2	68.5	215	24.7	11.3	45.7	777	19.7	15.0	76.4
Fraud.....	211	18.3	11.9	64.9	58	26.0	11.8	45.6	153	15.4	11.9	77.2
Immigration.....	4,395	4.0	3.5	88.5	54	15.1	7.0	46.4	4,341	3.8	3.5	90.6
Impersonating Federal officer.....	61	18.9	13.4	70.9	8	24.9	10.3	41.2	53	13.0	13.9	77.1
Income tax.....	152	14.1	7.5	53.4	92	17.3	7.6	43.9	60	9.1	7.4	80.8
Juvenile delinquency.....	562	28.4	15.2	53.5	359	31.7	13.7	43.2	203	22.7	17.9	79.0
Kidnaping.....	37	96.5	50.9	52.7	16	106.1	44.1	41.5	21	89.1	56.0	62.9
Larceny—thft.....	3,301	25.9	17.6	68.0	854	26.2	12.2	46.7	2,447	25.8	19.5	75.6
Transportation, etc., of stolen motor vehicle.....	2,450	27.2	18.7	68.6	605	27.2	12.9	47.3	1,845	27.2	20.6	75.6
Liquor laws.....	1,741	12.2	8.1	66.4	525	15.5	7.0	45.4	1,216	10.8	8.6	79.3
Robbery.....	73	142.5	74.5	52.3	34	156.6	64.1	41.0	39	130.2	83.5	64.1
Securities, transporting false or forged.....	122	30.8	20.6	66.8	26	31.9	14.5	45.3	96	30.4	22.2	72.9
Selective Service Act of 1940.....	5	23.6	17.6	74.6					5	23.6	17.6	74.6
Selective Service Act of 1948.....	255	27.1	12.6	46.4	183	31.2	12.4	39.8	72	16.6	12.9	78.1
Wearing military uniform illegally.....	90	9.5	7.8	82.2	5	19.2	8.0	41.7	85	8.9	7.8	87.4
White slave traffic.....	188	29.9	19.0	63.5	55	38.3	16.9	44.0	133	26.5	19.9	75.2
Other and unclassifiable.....	535	22.8	14.6	64.2	184	22.7	10.0	44.1	351	22.8	17.0	74.7
Government reservation, D. C., high seas, and territorial cases.....	494	45.6	27.1	59.3	153	60.4	25.4	42.1	341	39.0	27.8	71.3
Military court-martial cases.....	711	76.0	38.3	50.4	471	81.3	34.4	42.4	240	65.8	45.9	69.8

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons, 1954*.



# No. 182.—SENTENCED FEDERAL PRISONERS RECEIVED FROM THE COURTS, BY OFFENSE: 1937 TO 1954

[For years ending June 30. Data for all Federal prisoners; some committed to non-Federal institutions]

OFFENSE	1937	1940	1945	1950	1951	1952	1953	1954
<b>Total</b> .....	24, 202	23, 003	21, 200	18, 063	18, 950	18, 896	20, 022	22, 497
Counterfeiting and forgery.....	1, 486	1, 589	673	1, 534	1, 438	1, 253	1, 251	1, 572
Drug laws.....	1, 866	2, 250	1, 134	2, 029	2, 063	1, 932	2, 016	1, 875
Marihuana.....	(1)	550	454	878	807	654	671	509
Narcotics.....	(1)	1, 700	680	1, 151	1, 256	1, 278	1, 345	1, 366
Embezzlement and fraud.....	510	750	340	609	535	558	536	445
Immigration.....	2, 802	2, 270	3, 996	3, 463	4, 334	4, 548	5, 129	7, 277
Income tax.....	(1)	(1)	15	164	122	184	177	203
Juvenile delinquency.....		216	911	658	684	695	830	829
Kidnaping.....	44	37	20	41	26	42	49	41
Liquor laws.....	12, 233	10, 735	2, 988	2, 304	2, 323	2, 247	2, 149	2, 143
National Bank and Federal Reserve Act.....	120	157	51	165	142	164	210	294
Theft from interstate commerce.....	308	313	475	270	327	307	254	320
Transportation, etc., of stolen motor vehicle.....	1, 312	1, 512	1, 072	2, 486	2, 392	2, 605	2, 736	2, 838
White slave traffic.....	370	378	209	185	182	173	243	242
Government reservation, D. C., high seas, and territorial cases.....	1, 033	1, 021	986	1, 145	1, 272	1, 369	1, 616	1, 487
Other.....	2, 083	1, 719	1, 742	2, 031	2, 038	1, 917	1, 610	1, 750
National security offenses.....	30	56	6, 588	979	1, 072	902	1, 216	1, 181
Selective Service Act of 1940.....			2, 613	97	9	8	2	3
Selective Service Act of 1948.....				39	115	273	277	339
Other national-defense security laws.....	(1)	11	2, 150	130	155	157	164	167
Military court-martial cases:								
Army.....	30	45	1, 793	606	775	416	724	639
Navy.....			32	107	18	43	49	33

<sup>1</sup> Not classified separately.

# No. 183.—FEDERAL PRISONERS BY NUMBER OF PREVIOUS COMMITMENTS, BY OFFENSE: 1954

[For year ending June 30. Known previous commitments under sentence, of prisoners committed to Federal institutions under sentence of more than 1 year]

OFFENSE	Total com- mitted	WITH KNOWN PREVIOUS COMMITMENTS					Without known previous commit- ments <sup>1</sup>
		Total		With 1	With 2	With 3 or more	
		Number	Percent of total com- mitted				
<b>Total offenses</b> .....	10,527	6,717	63.8	2,218	1,572	2,927	3,810
Counterfeiting.....	68	43	63.2	17	7	19	25
Drug laws.....	1,589	1,012	63.7	338	237	437	577
Embezzlement.....	143	42	29.4	13	10	19	101
Forgery.....	977	737	75.4	208	185	344	240
Fraud.....	92	44	47.8	18	8	18	48
Immigration.....	317	236	74.4	49	41	146	81
Impersonating Federal officer.....	36	28	77.8	4	4	20	8
Income tax.....	91	23	25.3	9	9	5	68
Juvenile delinquency.....	727	302	41.5	207	57	38	425
Kidnaping.....	36	23	63.9	7	3	13	13
Larceny—theft.....	3,076	2,375	77.2	651	589	1,135	701
Transportation, etc., of stolen motor vehicle.....	2,411	1,890	78.4	509	479	902	521
Liquor laws.....	960	596	62.1	219	139	238	364
Robbery.....	182	111	61.0	40	23	48	71
Securities, transporting false or forged.....	209	171	81.8	34	35	102	38
Selective Service Acts of 1940 and 1948.....	278	33	11.9	20	5	8	245
Wearing military uniform illegally.....	23	19	82.6	2	7	10	4
White slave traffic.....	201	146	72.6	45	36	65	55
Other and unclassifiable.....	336	186	55.4	54	42	90	150
Government reservation, D. C., high seas and territorial cases.....	519	287	55.3	143	59	85	232
Military court-martial cases.....	667	303	45.4	140	76	87	364

<sup>1</sup> Includes 26 with no report as to previous commitments.

Source of tables 182 and 183: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons, 1954*.

# No. 184.—STATE AND FEDERAL PRISONS AND REFORMATORIES—MOVEMENT OF SENTENCED PRISONERS, BY SEX: 1952 AND 1953

[Includes estimates for State road camps in Alabama for 1952]

MOVEMENT OF SENTENCED PRISONERS	1952			1953		
	Total	Male	Female	Total	Male	Female
Prisoners present January 1.....	164,896	158,826	6,070	167,374	161,135	6,239
<b>Admissions, total.....</b>	<b>118,336</b>	<b>113,505</b>	<b>4,831</b>	<b>125,428</b>	<b>120,319</b>	<b>5,109</b>
Admitted, except transfers.....	86,886	82,496	4,390	91,601	86,941	4,660
Received from court.....	69,986	66,383	3,603	73,299	69,570	3,729
Returned as a parole or conditional-release violator.....	9,465	9,019	446	10,036	9,521	515
Returned from escape.....	2,708	2,624	84	2,369	2,254	115
Other admissions <sup>1</sup> .....	4,727	4,470	257	5,897	5,596	301
Transferred from other institutions.....	31,450	31,009	441	33,827	33,378	449
<b>Discharges, total.....</b>	<b>115,858</b>	<b>111,196</b>	<b>4,662</b>	<b>120,073</b>	<b>115,395</b>	<b>4,678</b>
Discharged, except transfers.....	84,470	80,280	4,190	86,422	82,206	4,216
Releases.....	74,268	70,471	3,797	75,125	71,399	3,726
Conditional.....	39,862	37,649	2,213	40,187	37,943	2,244
Parole.....	36,354	34,309	2,045	36,318	34,218	2,100
Conditional pardon.....	57	53	4	62	60	2
Other conditional release.....	3,451	3,287	164	3,807	3,665	142
Unconditional.....	34,406	32,822	1,584	34,938	33,456	1,482
Expiration of sentence.....	31,798	30,300	1,498	32,352	30,926	1,426
Pardon.....	138	130	8	97	97	—
Commutation.....	2,470	2,392	78	2,489	2,433	56
Escape.....	2,916	2,828	88	2,689	2,566	123
Death, except execution.....	755	740	15	725	711	14
Execution <sup>2</sup> .....	83	83	—	62	59	3
Other discharges <sup>1</sup> .....	6,448	6,158	290	7,821	7,471	350
Transferred to other institutions.....	31,388	30,916	472	33,651	33,189	462
Prisoners present December 31.....	167,374	161,135	6,239	172,729	166,059	6,670

<sup>1</sup> Includes prisoner movement incident to authorized temporary absences for appearances in court and other purposes, and also discharges by court order.

<sup>2</sup> Includes executions carried out under local jurisdiction.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 9 and 11.

# No. 185.—STATE AND FEDERAL PRISONS AND REFORMATORIES—FELONY PRISONERS RECEIVED FROM COURTS, BY SELECTED OFFENSES: 1943 TO 1951

[Excludes statistics for State institutions as follows: Georgia, 1943 to 1945 and 1947 to 1950; Mississippi, 1943 to 1949; Michigan, 1943 to 1945 and 1948 to 1951]

OFFENSE	1943	1944	1945	1946	1947	1948	1949	1950	1951
Number of institutions reporting.....	150	147	150	151	147	147	149	150	153
<b>NUMBER</b>									
<b>Total.....</b>	<b>40,273</b>	<b>41,058</b>	<b>43,281</b>	<b>56,432</b>	<b>56,088</b>	<b>52,303</b>	<b>56,802</b>	<b>57,988</b>	<b>57,372</b>
Criminal homicide.....	2,648	2,362	2,510	3,712	3,492	3,195	3,094	3,203	3,157
Robbery.....	3,392	3,058	3,550	5,207	5,718	4,903	5,649	5,722	4,836
Aggravated assault.....	2,333	2,198	2,558	3,538	3,238	2,681	2,916	2,842	2,979
Burglary.....	6,358	6,393	7,263	10,150	10,480	9,744	11,282	11,827	11,088
Larceny, except auto theft.....	6,579	6,988	7,542	9,693	9,282	8,188	8,403	8,746	8,677
Auto theft.....	2,375	2,744	3,152	5,219	5,076	4,809	4,854	4,367	4,687
Rape.....	1,687	1,583	1,868	2,327	2,097	1,750	1,785	1,796	1,727
All other offenses.....	14,901	15,732	14,838	16,586	16,705	17,033	18,819	19,485	20,221
<b>PERCENT DISTRIBUTION</b>									
<b>Total.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Criminal homicide.....	6.6	5.8	5.8	6.6	6.2	6.1	5.5	5.5	5.5
Robbery.....	8.4	7.4	8.2	9.2	10.2	9.4	9.9	9.9	8.4
Aggravated assault.....	5.8	5.4	5.9	6.3	5.8	5.1	5.1	4.9	5.2
Burglary.....	15.8	15.6	16.8	18.0	18.7	18.6	19.9	20.4	19.3
Larceny, except auto theft.....	16.3	17.0	17.4	17.2	16.5	15.7	14.8	15.1	15.1
Auto theft.....	5.9	6.7	7.3	9.2	9.1	9.2	8.6	7.5	8.2
Rape.....	4.2	3.9	4.3	4.1	3.7	3.3	3.1	3.1	3.0
All other offenses.....	37.0	38.3	34.3	29.4	29.8	32.6	33.1	33.6	35.3

Source: Department of Justice, Bureau of Prisons.



**No. 186.—STATE AND FEDERAL PRISONS AND REFORMATORIES—PRISONERS PRESENT AT END OF YEAR AND RECEIVED FROM COURTS DURING YEAR: 1949 TO 1953**

[Includes estimates for certain State institutions]

DIVISION AND STATE	PRISONERS PRESENT AT END OF YEAR					PRISONERS RECEIVED FROM COURTS				
	1949	1950	1951	1952	1953	1949	1950	1951	1952	1953
<b>United States</b> .....	163,342	165,796	164,896	167,374	172,729	68,377	68,855	66,380	69,986	73,299
Federal institutions <sup>1</sup> .....	16,868	17,134	17,395	18,014	19,363	13,130	14,237	14,120	15,305	16,376
State institutions.....	146,474	148,662	147,501	149,360	153,366	55,247	54,618	52,260	54,681	56,923
<b>New England:</b>										
Maine.....	650	736	698	635	641	372	471	371	280	285
New Hampshire.....	250	235	207	193	193	84	72	73	61	55
Vermont.....	284	259	260	303	280	256	210	149	186	158
Massachusetts.....	2,537	2,375	2,315	2,165	2,075	834	851	766	749	632
Rhode Island.....	350	284	248	255	257	270	250	198	157	201
Connecticut.....	1,087	1,020	1,081	1,093	1,173	481	440	467	488	564
<b>Middle Atlantic:</b>										
New York.....	15,246	15,313	15,587	16,097	16,328	3,703	3,456	3,853	4,176	4,297
New Jersey.....	4,301	3,991	4,005	3,640	3,625	1,513	1,555	1,614	1,470	1,599
Pennsylvania.....	7,616	7,432	6,856	6,812	6,636	2,104	1,867	1,682	1,824	1,667
<b>East North Central:</b>										
Ohio.....	8,835	9,128	9,132	9,250	9,482	2,978	2,727	2,418	2,597	2,811
Indiana.....	4,707	4,738	4,603	4,610	4,504	1,320	1,134	1,039	1,182	1,292
Illinois.....	7,922	7,886	7,420	7,411	7,632	1,863	1,868	1,510	1,711	1,927
Michigan.....	8,589	8,591	9,132	8,732	8,912	3,161	3,076	3,199	2,972	2,971
Wisconsin.....	1,991	2,017	1,880	1,932	2,216	1,107	1,051	1,036	1,067	1,153
<b>West North Central:</b>										
Minnesota.....	1,777	1,879	1,834	1,775	1,848	498	679	501	621	604
Iowa.....	2,104	2,084	2,081	2,040	2,034	678	632	644	625	635
Missouri.....	3,209	3,400	3,252	3,301	3,518	1,326	1,550	1,381	1,434	1,476
North Dakota.....	242	235	224	211	209	130	124	115	96	112
South Dakota.....	418	451	411	442	443	240	302	231	289	303
Nebraska.....	1,193	1,147	1,131	1,132	1,038	661	623	570	575	592
Kansas.....	1,765	1,959	1,895	1,977	2,090	783	833	716	787	764
<b>South Atlantic:</b>										
Delaware <sup>2</sup> .....	157	158	161	153	151	122	123	85	109	89
Maryland.....	4,148	3,892	3,952	4,400	4,500	3,431	3,060	3,235	3,752	3,736
Dist. of Columbia.....	1,372	1,478	1,514	1,529	1,786	577	580	616	561	763
Virginia.....	4,242	4,439	4,540	4,608	4,587	1,793	1,751	1,652	1,804	1,784
West Virginia.....	2,776	2,904	2,974	2,697	2,316	741	702	706	626	558
North Carolina.....	4,437	4,335	4,439	4,391	4,647	1,375	1,259	1,352	1,359	1,651
South Carolina.....	1,413	1,513	1,583	1,662	1,776	628	607	617	641	633
Georgia.....	4,749	4,845	4,542	4,719	5,185	1,583	1,615	1,467	1,785	1,761
Florida.....	3,851	3,973	3,860	3,894	3,878	1,491	1,516	1,374	1,438	1,453
<b>East South Central:</b>										
Kentucky.....	3,198	3,259	2,995	3,089	3,176	1,430	1,365	1,141	1,420	1,325
Tennessee.....	2,715	2,780	2,683	2,601	2,474	1,022	1,026	940	890	896
Alabama.....	5,036	4,454	4,416	4,646	4,879	2,998	2,514	2,442	2,573	2,708
Mississippi.....	1,970	2,158	2,168	2,060	1,890	728	753	666	580	490
<b>West South Central:</b>										
Arkansas.....	1,595	1,541	1,471	1,483	1,470	691	695	626	636	648
Louisiana.....	2,514	2,674	2,583	2,456	2,532	1,071	1,164	983	998	1,098
Oklahoma.....	2,297	2,401	2,430	2,390	2,423	1,112	1,183	1,134	1,118	1,159
Texas.....	5,958	6,424	6,604	6,960	7,781	2,635	2,996	3,056	3,148	3,511
<b>Mountain:</b>										
Montana.....	584	595	575	577	631	417	410	380	353	401
Idaho.....	479	514	469	450	464	318	290	267	216	219
Wyoming.....	411	410	368	299	268	257	237	228	175	188
Colorado.....	1,362	1,490	1,446	1,520	1,597	693	957	802	813	845
New Mexico.....	637	705	665	599	628	397	437	412	403	415
Arizona.....	894	878	900	937	994	478	452	438	451	523
Utah.....	476	562	469	519	583	225	239	180	175	173
Nevada.....	306	240	285	341	329	239	172	138	203	183
<b>Pacific:</b>										
Washington.....	2,053	2,290	2,151	2,224	2,331	870	933	850	882	909
Oregon.....	1,400	1,534	1,542	1,508	1,591	673	680	638	615	635
California.....	10,377	11,056	11,464	12,612	13,365	2,881	3,122	3,252	3,610	4,071

<sup>1</sup> Not included in State figures.

<sup>2</sup> Delaware has no State correctional institutions. Figures cover New Castle County Workhouse only.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 3, 4, 7, 9, and 11.

No. 187.—STATE AND FEDERAL PRISONS AND REFORMATORIES—FELONY PRISONERS RECEIVED FROM COURTS, BY RACE, NATIVITY, AGE, AND SEX: 1947 TO 1951

[Excludes statistics for State institutions as follows: Georgia, 1947 to 1950; Mississippi, 1947 to 1949; Michigan, 1948 to 1951]

RACE, NATIVITY, AND AGE	1947	1948	1949	1950			1951		
				Total	Male	Female	Total	Male	Female
Total	56,088	52,303	56,802	57,988	55,625	2,363	57,372	54,813	2,559
Race and nativity:									
White	33,541	36,092	39,585	40,057	38,680	1,377	38,416	37,051	1,365
Native	36,653	34,438	37,782	38,204	36,866	1,338	36,680	35,360	1,320
Foreign born	1,888	1,654	1,803	1,853	1,814	39	1,736	1,691	45
Negro	16,885	15,561	16,614	17,211	16,256	955	18,226	17,058	1,168
All other	662	650	603	720	689	31	730	704	26
Age:									
Under 15 years	29	19	40	16	15	1	23	23	
15 to 17	2,419	1,772	2,361	1,881	1,828	53	2,102	2,042	60
18	2,645	2,339	1,962	2,463	2,370	93	2,424	2,349	75
19	3,258	2,917	2,892	2,985	2,887	98	2,759	2,654	105
20	3,269	3,086	3,249	3,260	3,154	106	2,988	2,864	124
21 to 24	12,455	11,820	12,844	12,755	12,272	483	12,455	11,975	480
25 to 29	10,662	10,018	11,548	11,800	11,299	501	11,908	11,337	571
30 to 34	7,014	6,558	7,204	7,566	7,205	361	7,784	7,381	403
35 to 39	5,227	5,113	5,407	5,488	5,234	254	5,354	5,047	307
40 to 44	3,535	3,512	3,748	3,944	3,752	192	3,885	3,699	186
45 to 49	2,553	2,257	2,598	2,565	2,463	102	2,425	2,313	112
50 to 54	1,438	1,361	1,370	1,617	1,553	64	1,628	1,540	88
55 to 59	841	800	826	835	807	28	826	804	22
60 to 64	413	427	436	449	437	12	445	431	14
65 and over	330	304	317	364	349	15	366	354	12

Source: Department of Justice, Bureau of Prisons.

No. 188.—PRISONERS EXECUTED UNDER CIVIL AUTHORITY, BY RACE AND OFFENSE: 1930 TO 1954

[Excludes executions by military authorities. The Army (including the Air Force) carried out 148, all from 1942 to 1950, of which 95 were for murder (including 18 involving rape), 52 for rape, and 1 for desertion. There were no executions in the Navy]

YEAR	ALL OFFENSES				MURDER <sup>1</sup>			RAPE			OTHER OFFENSES <sup>2</sup>		
	Total	White	Negro	Other <sup>3</sup>	Total	White	Negro	Total	White	Negro	Total	White	Negro
All years	3,363	1,518	1,806	39	2,926	1,449	1,440	382	38	342	55	31	24
1930-1935, total	975	490	472	13	901	482	406	65	5	60	9	3	6
1936	195	92	101	2	180	85	93	10	2	8	5	5	
1937	147	69	74	4	133	67	62	13	2	11	1		1
1938	190	96	92	2	155	90	63	25	1	24	10	5	5
1939	159	80	77	2	144	79	63	12		12	3	1	2
1940	124	49	75		105	44	61	15	2	13	4		1
1941	123	59	63	1	102	55	46	20	4	16	1	3	1
1942	147	67	80		116	57	59	24	4	20	7	6	1
1943	131	54	74	3	118	54	63	13		11			
1944	120	47	70	3	96	45	48	24	2	22			
1945	117	41	75	1	90	37	52	26	4	22	1		1
1946	131	46	84	1	107	45	61	22		22	2	1	1
1947	152	42	110		128	40	88	23	2	21	1		1
1948	119	35	82	2	95	32	61	22	1	21	2	2	
1949	119	50	67	2	107	49	56	10		10	2		1
1950	82	40	42		68	36	32	13	4	9	1		1
1951	105	57	47	1	87	55	31	17	2	15	1		1
1952	83	36	47		71	35	36	12	1	11			1
1953	62	30	31	1	51	25	25	7	1	6	4	4	
1954	82	38	43	1	72	37	34	9	1	8	1		1

<sup>1</sup> Includes 27 females; 17 white, 10 nonwhite.

<sup>2</sup> 19 armed robbery, 15 kidnaping, 10 burglary, 8 espionage (6 in 1942 and 2 in 1953), 3 aggravated assault.

<sup>3</sup> All were for murder except 2 for rape in 1943.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 10.



## 6. Climate

This section presents climatological data for the United States. The source for these statistics is the United States Weather Bureau, which maintains about 11,000 weather stations. There are few records in existence for stations before 1871. The Weather Bureau has adopted the practice of using "normal" values of temperature and precipitation for comparative purposes rather than long-term means.

**Normal values.**—Normal values of temperature are based on records for the 30-year period 1921 to 1950, inclusive. Where a station had a record for the entire 30 years from the same instrument site, monthly precipitation and temperature normals are the mean of the monthly values for the 30 years. The annual normal temperature is obtained by dividing the sum of the annual normal maximum value and the annual normal minimum value for temperature by 2.

For stations that did not have continuous records from the same instrument site for the entire 30 years, 1921 to 1950, the means have been adjusted to the record at the present site. In these adjustments, a "difference factor" was used for temperature and a "ratio factor" for precipitation. These factors were determined by parallel comparison, either between records at the actual station sites or through a second station that had a continuous record to compare against both sites for obtaining the resultant adjusting factors. Normals were thereafter obtained as outlined above.

This system of normals has three characteristics: (1) The 30-year period (1921 to 1950) adopted for the computations is consistent with the term of years accepted by the World Meteorological Organization for climatic normals; (2) where the station and exposure for records in a given locality have been changed, the whole record has been carefully studied and adjusted to the latest source of records and reports; (3) the normals for maximum and minimum temperatures are separately tabulated and made available for the first time.

**Degree days.**—The degree-day normals are derived from the values for the monthly normal maximum and minimum temperatures, and are computed on the standard base 65° F. Experience has shown that the amount of fuel required for heating purposes is proportional to the number of degrees the average outside temperature falls below 65°.

Note.—This section presents data for the most recent year or period available on February 15, 1955, when the material was organized and sent to the printer.

### No. 189.—GROUND ELEVATION OF STATIONS IN SELECTED CITIES

STATION		Ground elevation (feet)	STATION		Ground elevation (feet)
Alabama	Mobile	10	New Jersey	Atlantic City	8
	Montgomery	201	New Mexico	Albuquerque	5,310
Arizona	Phoenix	1,083	New York	Albany	19
Arkansas	Little Rock	257		New York	10
California	Fresno	331		Rochester	543
	Los Angeles	312	North Carolina	Asheville	2,203
	San Francisco	52		Raleigh	400
Colorado	Denver	5,221	North Dakota	Bismarck	1,650
Dist. of Col.	Washington	72	Ohio	Cleveland	787
Florida	Jacksonville	18	Oklahoma	Oklahoma City	1,254
	Miami	8	Oregon	Portland	30
Georgia	Atlanta	1,054	Pennsylvania	Harrisburg	335
Idaho	Boise	2,842		Pittsburgh	749
Illinois	Chicago	610			9
Indiana	Indianapolis	718	South Carolina	Charleston	1,282
Iowa	Des Moines	807	South Dakota	Huron	577
Kansas	Wichita	1,321	Tennessee	Nashville	3,590
Kentucky	Louisville	457	Texas	Amarillo	3,920
Louisiana	New Orleans	9		El Paso	544
Maine	Eastport	33		Fort Worth	41
Massachusetts	Boston	20		Houston	4,260
Michigan	Detroit	619	Utah	Salt Lake City	331
	Sault Ste. Marie	721	Vermont	Burlington	26
Minnesota	Minneapolis	839	Virginia	Norfolk	162
Mississippi	Vicksburg	234		Richmond	14
Missouri	Kansas City	741	Washington	Seattle	2,357
	St. Louis	465		Spokane	615
Montana	Helena	4,143	West Virginia	Parkersburg	938
	Miles City	2,629	Wisconsin	Madison	6,139
Nebraska	North Platte	2,779	Wyoming	Cheyenne	15
	Omaha	978		Juneau	12
Nevada	Winnemucca	4,299	Alaska	Honolulu	47
			Hawaii		
			Puerto Rico	San Juan	

NO. 190.—MEAN AND LATEST DATE IN SPRING, AND MEAN AND EARLIEST DATE IN FALL, OF OCCURRENCE OF FROST (32°)

[Based on standard 1921 to 1950 period]

STATION		SPRING DATE		FALL DATE	
		Mean	Latest	Mean	Earliest
Alabama	Mobile	Feb. 20	Mar. 20	Dec. 5	Nov. 15
	Montgomery	Mar. 3	Apr. 13	Dec. 1	Nov. 12
Arizona	Phoenix	Jan. 30	Mar. 2	Dec. 5	Nov. 4
Arkansas	Little Rock	Mar. 16	Apr. 13	Nov. 15	Oct. 23
California	Fresno	Feb. 4	Mar. 15	Dec. 1	Oct. 19
	Los Angeles	Jan. 17	Jan. 21		None
	San Francisco	Jan. 17	Jan. 21	Dec. 12	Dec. 11
Colorado	Denver	May 2	May 28	Oct. 14	Sept. 18
Florida	Jacksonville	Feb. 15	May 14	Nov. 30	Nov. 9
Georgia	Atlanta	Mar. 20	Apr. 15	Nov. 19	Oct. 24
Idaho	Boise	Apr. 29	May 23	Oct. 16	Sept. 20
Illinois	Chicago	Apr. 19	May 13	Oct. 28	Sept. 25
Indiana	Indianapolis	Apr. 17	May 11	Oct. 27	Oct. 1
Iowa	Des Moines	Apr. 20	May 11	Oct. 19	Sept. 28
Kansas	Wichita	Apr. 5	Apr. 21	Nov. 1	Sept. 27
Kentucky	Louisville	Apr. 1	Apr. 19	Nov. 7	Oct. 15
Louisiana	New Orleans	Feb. 15	Mar. 20	Dec. 3	Nov. 13
Maine	Eastport	Apr. 30	May 10	Oct. 25	Oct. 10
Michigan	Detroit	Apr. 25	May 12	Oct. 23	Sept. 29
	Sault Ste. Marie	May 18	June 8	Oct. 3	Aug. 22
Minnesota	Minneapolis	Apr. 30	May 24	Oct. 13	Sept. 18
Mississippi	Vicksburg	Mar. 4	Apr. 16	Nov. 24	Oct. 13
Missouri	Kansas City	Apr. 5	Apr. 17	Oct. 31	Oct. 6
	St. Louis	Apr. 2	May 2	Nov. 8	Oct. 14
Montana	Helena	May 12	June 8	Sept. 23	Sept. 4
	Miles City	May 5	June 8	Oct. 3	Sept. 13
Nebraska	North Platte	Apr. 30	May 29	Oct. 7	Sept. 13
Nevada	Winnemucca	May 18	June 25	Sept. 21	Sept. 7
New Mexico	Albuquerque	Apr. 16	May 18	Oct. 29	Oct. 11
New York	Albany	Apr. 27	May 20	Oct. 13	Sept. 23
	New York	Apr. 7	Apr. 24	Nov. 12	Oct. 19
	Rochester	Apr. 28	May 24	Oct. 21	Sept. 27
North Carolina	Asheville	Apr. 12	May 11	Oct. 24	Oct. 7
	Raleigh	Mar. 24	Apr. 20	Nov. 16	Oct. 29
North Dakota	Bismarck	May 11	May 30	Sept. 24	Sept. 6
Ohio	Cleveland	Apr. 21	May 14	Nov. 2	Sept. 29
Oklahoma	Oklahoma City	Mar. 28	Apr. 17	Nov. 7	Oct. 23
Oregon	Portland	Feb. 28	May 4	Nov. 26	Oct. 30
Pennsylvania	Pittsburgh	Apr. 16	May 4	Nov. 3	Oct. 10
South Carolina	Charleston	Feb. 21	Mar. 19	Dec. 1	Nov. 12
South Dakota	Huron	May 4	May 25	Sept. 30	Sept. 11
Tennessee	Nashville	Mar. 28	Apr. 19	Nov. 7	Oct. 17
Utah	Salt Lake City	Apr. 12	Apr. 30	Nov. 1	Oct. 11
Vermont	Burlington	May 8	May 23	Oct. 3	Sept. 13
Virginia	Norfolk	Mar. 18	Apr. 14	Nov. 27	Nov. 7
	Richmond	Apr. 2	Apr. 20	Nov. 8	Oct. 21
Washington	Seattle	Feb. 23	Apr. 3	Nov. 26	Oct. 19
	Spokane	Apr. 20	May 16	Oct. 12	Sept. 18
West Virginia	Parkersburg	Apr. 16	May 12	Oct. 21	Sept. 29
Wisconsin	Madison	Apr. 26	May 24	Oct. 19	Sept. 24
Wyoming	Cheyenne	May 20	June 18	Sept. 27	Sept. 5
Alaska	Juneau	Apr. 27	June 8	Oct. 19	Sept. 22

Source: Department of Commerce, Weather Bureau; records.



## No. 191.—NORMAL DAILY AVERAGE TEMPERATURE

[Based on standard 1921 to 1950 period]

STATION		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	53.1	55.5	60.1	67.4	74.3	80.5	81.9	82.0	78.7	69.9	59.4	54.1	68.1
	Montgomery	50.3	52.6	58.1	65.7	73.5	80.2	81.5	81.2	77.6	67.6	56.6	50.7	66.3
Ariz.	Phoenix	51.3	55.7	60.9	68.2	76.6	85.0	90.5	88.9	83.6	72.1	60.1	53.4	70.5
Ark.	Little Rock	41.8	45.6	52.8	62.5	69.8	78.5	81.9	81.3	74.8	64.1	51.5	43.9	62.4
Calif.	Fresno	44.7	50.7	55.5	61.5	68.9	75.7	82.1	79.5	73.5	64.1	53.5	46.3	63.0
	Los Angeles	55.0	56.4	58.9	61.5	64.8	67.8	72.5	72.9	71.0	66.6	62.1	57.3	63.9
	San Francisco	50.1	53.0	54.9	55.7	57.1	59.1	58.9	59.3	61.6	61.0	57.2	51.9	56.7
Colo.	Denver	31.4	34.5	39.3	48.6	57.3	67.3	73.7	72.4	63.7	53.0	41.3	34.1	51.4
D. C.	Washington	36.5	37.5	45.7	54.7	65.2	73.9	77.8	75.8	69.9	58.4	48.0	38.2	56.8
Fla.	Jacksonville	57.3	58.7	63.4	69.1	75.2	80.2	81.7	81.5	79.1	71.3	62.7	57.7	69.8
	Miami	68.5	68.7	70.8	74.1	77.1	80.3	81.6	82.1	81.0	77.6	72.3	69.5	75.3
Ga.	Atlanta	44.6	46.6	53.1	61.5	69.5	76.9	78.7	78.1	73.9	63.5	52.1	45.3	62.0
Idaho.	Boise	27.3	34.0	41.8	49.9	58.1	65.1	74.8	72.5	62.4	52.6	39.6	31.0	50.8
Ill.	Chicago	24.9	27.4	37.0	48.1	59.2	69.4	74.6	72.7	65.6	54.1	39.5	28.0	50.1
Ind.	Indianapolis	31.1	33.1	41.9	52.7	63.5	73.5	78.0	75.9	69.2	58.2	43.6	33.2	54.4
Iowa.	Des Moines	22.8	26.7	37.6	51.0	62.0	71.5	77.1	74.5	66.5	55.0	39.1	27.0	50.9
Kans.	Wichita	32.0	37.2	45.3	56.2	64.9	75.3	80.9	79.9	71.7	60.2	45.1	35.5	57.0
Ky.	Louisville	35.6	37.8	46.1	56.5	65.9	74.9	78.6	76.9	71.1	59.8	46.7	37.6	57.3
La.	New Orleans	55.9	58.5	63.0	69.8	76.1	81.9	83.1	83.4	80.3	72.8	62.5	57.1	70.4
Maine.	Eastport	22.0	22.1	30.7	39.2	48.1	55.4	60.6	61.2	56.3	48.2	38.4	26.1	42.3
Mass.	Boston	29.1	29.2	37.6	47.2	57.8	67.2	72.2	71.5	64.3	55.0	44.4	32.8	50.7
Mich.	Detroit	26.2	26.7	35.1	46.4	57.8	68.1	73.1	71.3	64.3	52.9	40.1	29.5	49.3
	Sault Ste. Marie	13.8	13.5	23.0	36.8	48.9	58.1	63.9	62.9	55.2	44.4	31.5	19.9	39.3
Minn.	Minneapolis	14.6	18.2	30.9	46.0	58.5	68.2	74.1	71.5	62.2	50.4	33.0	19.4	45.6
Miss.	Vicksburg	49.2	52.1	58.1	65.8	72.9	79.5	81.5	81.5	77.0	67.7	56.8	50.5	66.1
Mo.	Kansas City	30.0	34.6	43.8	55.8	65.5	75.4	80.9	79.0	70.6	59.6	44.3	33.7	56.1
	St. Louis	33.3	36.7	45.3	56.5	66.2	75.8	80.6	78.6	71.4	60.6	46.0	36.2	57.3
Mont.	Helena	18.6	25.2	33.0	43.0	51.4	58.3	66.9	64.8	53.4	45.7	32.7	25.8	43.2
	Miles City	16.1	20.1	31.2	46.0	57.1	65.2	75.0	72.3	60.4	48.3	32.8	20.7	45.4
Nebr.	North Platte	24.0	28.7	36.4	48.7	58.9	68.8	75.8	73.7	63.8	51.7	36.8	27.2	49.5
	Omaha	23.0	27.2	38.2	52.2	62.7	72.6	78.5	75.7	67.0	55.5	38.9	27.4	51.6
Nev.	Winnemucca	27.8	34.5	39.4	46.8	55.9	64.0	74.2	69.7	59.9	48.6	37.6	30.0	49.1
N. J.	Atlantic City	35.8	35.4	41.5	49.4	59.1	68.7	73.6	73.1	68.3	58.0	48.1	38.2	54.1
N. Mex.	Albuquerque	33.7	39.5	46.0	55.5	65.3	74.9	79.0	76.9	69.9	58.2	44.0	36.0	56.6
N. Y.	Albany	25.2	25.6	35.8	47.3	59.4	68.7	73.1	71.3	63.8	52.5	41.4	29.1	49.4
	New York	32.9	32.7	40.7	49.8	60.8	69.8	74.6	73.2	67.3	57.0	46.3	35.7	53.4
	Rochester	24.7	24.0	33.0	44.5	56.4	66.6	71.2	68.9	62.0	50.8	39.7	28.2	47.5
N. C.	Asheville	39.4	40.8	46.8	55.5	63.4	71.3	73.8	72.7	67.9	57.0	46.6	40.2	56.3
	Raleigh	42.7	44.4	51.3	59.7	68.5	76.6	79.3	78.0	73.4	62.6	52.1	44.0	61.1
N. Dak.	Bismarck	9.2	12.7	26.7	43.1	54.8	64.3	72.1	69.3	58.5	45.7	28.4	15.5	41.7
Ohio.	Cleveland	29.5	30.1	37.7	48.0	59.1	69.3	73.7	72.2	66.3	55.5	43.8	32.9	51.5
Okla.	Oklahoma City	37.8	42.5	50.3	60.9	68.6	78.0	82.5	82.2	74.6	63.8	49.7	40.9	61.0
Oreg.	Portland	39.5	43.8	48.4	53.6	59.1	63.8	68.5	68.4	63.9	56.1	47.2	42.4	54.6
Pa.	Harrisburg	31.1	32.1	40.8	50.9	62.4	71.1	75.4	73.0	66.1	55.2	44.0	33.9	53.0
	Pittsburgh	33.0	33.6	41.6	51.8	62.6	71.7	75.4	73.1	67.9	55.9	44.6	35.2	53.9
S. C.	Charleston	51.4	52.7	58.1	65.6	72.9	79.6	81.5	81.0	77.7	68.2	58.6	52.2	66.6
S. Dak.	Huron	13.5	17.6	31.7	46.4	58.0	68.2	75.4	72.9	62.8	50.0	32.5	19.6	45.7
Tenn.	Nashville	39.9	42.3	49.8	59.7	68.2	76.9	80.0	78.7	73.2	61.8	49.3	41.6	60.1
Tex.	Amarillo	35.3	39.6	46.1	55.6	63.8	73.6	77.8	76.6	69.3	58.7	45.2	37.3	56.6
	El Paso	43.4	49.1	54.5	63.1	71.6	80.2	81.3	79.8	74.9	65.2	52.0	44.8	63.3
	Fort Worth	45.2	49.3	56.5	65.6	72.9	81.0	84.6	85.3	78.2	68.3	55.6	47.8	65.9
	Houston	53.8	57.7	62.6	69.5	75.9	81.8	83.8	84.2	80.0	72.6	61.9	55.8	70.0
Utah.	Salt Lake City	26.5	33.4	41.1	50.1	58.9	67.1	76.6	74.4	64.2	52.9	39.3	31.5	51.3
Vt.	Burlington	17.9	18.1	29.3	42.3	55.4	65.5	70.4	68.1	59.9	48.2	36.4	22.8	44.5
Va.	Norfolk	43.1	43.5	50.5	57.9	67.3	76.0	78.7	77.8	73.4	63.0	53.2	44.5	60.7
	Richmond	39.6	40.9	48.2	56.8	66.5	74.7	77.9	76.3	71.2	60.0	49.8	40.8	58.6
Wash.	Seattle	40.7	43.5	47.0	51.8	57.3	61.8	65.6	65.2	61.0	54.4	47.0	43.1	53.2
	Spokane	24.9	29.7	38.1	46.3	54.7	61.4	69.6	67.9	59.2	48.6	35.7	29.1	47.1
W. Va.	Parkersburg	34.4	35.5	43.6	53.8	63.5	72.4	75.7	74.0	68.4	56.9	45.0	36.1	54.9
Wis.	Madison	19.3	21.9	32.4	45.9	57.7	67.7	73.1	70.9	62.9	51.7	36.2	23.5	46.9
Wyo.	Cheyenne	25.5	27.7	31.8	41.1	50.1	60.3	68.1	66.8	57.4	46.4	35.1	28.7	44.9
Alaska.	Juneau	29.5	29.9	34.4	40.4	47.8	54.5	56.0	55.9	50.8	44.0	36.2	30.6	42.5
T. H.	Honolulu	72.0	72.0	72.2	73.3	75.1	76.9	77.9	78.5	78.3	77.5	75.2	73.3	75.2
P. R.	San Juan	74.9	74.9	75.6	76.6	78.7	79.5	80.0	80.5	80.5	80.1	78.4	76.5	78.0

Source: Department of Commerce, Weather Bureau; records.

## No. 192.—NORMAL DAILY MAXIMUM TEMPERATURE

[Based on standard 1921 to 1950 period]

STATION		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	61.4	64.1	68.5	75.8	82.5	88.3	89.8	90.1	86.7	79.2	68.6	62.6	76.5
	Montgomery	59.1	61.9	67.9	75.8	83.3	89.8	90.6	90.1	86.9	77.8	66.5	59.5	75.8
Ariz.	Phoenix	64.3	68.9	74.9	82.6	91.7	100.1	103.5	101.4	97.3	86.8	75.0	66.4	84.4
Ark.	Little Rock	51.1	55.4	63.4	73.4	80.5	89.1	92.7	92.4	86.4	76.5	62.4	53.5	73.1
Calif.	Fresno	53.5	61.2	67.7	75.5	84.3	92.2	100.1	97.6	90.7	79.2	66.3	55.1	77.0
	Los Angeles	64.6	65.7	68.5	70.9	74.1	77.2	83.2	83.7	81.6	76.8	73.0	67.1	73.9
	San Francisco	55.4	58.7	61.0	62.0	63.1	65.2	64.4	64.8	68.4	68.0	63.8	57.0	62.7
Colo.	Denver	42.5	45.6	50.5	60.1	68.6	79.5	85.9	84.3	76.2	65.3	52.9	45.3	63.1
D. C.	Washington	44.0	45.6	55.0	64.9	75.5	83.7	87.1	85.0	79.1	68.2	56.5	45.6	65.9
Fla.	Jacksonville	65.9	67.6	72.4	77.7	83.5	88.3	89.6	89.1	86.0	78.8	71.0	66.3	78.0
	Miami	74.4	74.9	76.7	79.5	82.3	85.4	86.8	87.2	86.0	82.6	77.7	75.4	80.7
Ga.	Atlanta	52.5	55.1	62.3	70.8	78.7	85.9	87.3	86.4	82.3	72.2	60.4	53.0	70.6
Idaho.	Boise	34.6	42.3	52.2	62.1	71.4	78.9	90.5	88.0	76.8	65.0	48.7	38.1	62.4
Ill.	Chicago	32.7	35.0	45.0	57.6	69.7	80.0	85.3	83.0	75.9	64.3	47.6	35.3	59.3
Ind.	Indianapolis	38.7	40.7	50.5	62.3	73.6	83.8	88.3	85.7	79.0	67.7	51.0	39.7	63.4
Iowa.	Des Moines	31.4	35.5	46.5	61.0	72.1	81.0	87.6	84.4	76.9	65.7	47.9	35.1	60.4
Kans.	Wichita	41.3	47.8	56.4	67.0	75.3	86.0	92.3	91.7	82.8	70.8	55.1	44.6	67.6
Ky.	Louisville	43.2	45.8	55.2	66.1	75.4	84.1	87.9	86.2	80.7	69.6	54.8	44.9	66.2
La.	New Orleans	63.5	66.6	71.1	77.7	83.8	89.4	90.3	90.5	87.2	80.1	70.1	64.7	77.9
Maine.	Eastport	29.8	29.5	37.1	45.7	55.9	63.9	69.2	69.2	63.2	54.5	44.3	33.2	49.6
Mass.	Boston	36.5	36.5	45.2	54.9	66.3	75.9	80.0	79.4	72.6	63.1	51.6	39.7	58.5
Mich.	Detroit	33.1	33.8	43.1	55.9	68.1	78.3	83.5	81.4	74.0	62.2	47.1	35.7	58.0
	Sault Ste. Marie	21.9	22.7	31.7	45.7	59.7	69.7	75.4	73.5	64.4	52.4	37.9	26.7	48.5
Minn.	Minneapolis	23.1	27.0	39.1	55.8	69.0	78.6	84.9	82.1	72.5	60.2	40.7	27.2	55.0
Miss.	Vicksburg	57.6	60.9	67.4	75.1	82.1	88.4	90.0	90.3	86.3	77.6	66.2	58.7	75.1
Mo.	Kansas City	39.0	44.3	54.1	66.0	75.3	85.2	91.2	89.3	81.1	70.2	53.9	42.3	66.0
	St. Louis	41.0	44.8	54.2	65.6	75.0	84.6	89.6	87.5	80.4	69.6	53.9	43.5	65.8
Mont.	Helena	27.3	34.1	42.4	54.3	63.5	70.3	80.5	77.8	64.8	55.1	40.8	33.8	53.7
	Miles City	26.6	31.1	42.6	58.7	70.4	78.0	89.9	87.1	74.5	61.2	43.4	30.8	57.9
Nebr.	North Platte	36.8	41.5	49.5	61.9	71.7	81.5	89.4	87.5	78.2	66.9	50.5	39.5	62.9
	Omaha	32.4	36.8	48.1	62.9	73.3	82.9	89.3	86.3	78.1	66.8	48.5	36.2	61.8
Nev.	Winnemucca	37.4	44.0	50.6	61.4	71.3	80.1	92.0	88.4	77.4	64.5	50.3	39.5	63.1
N. J.	Atlantic City	42.4	42.1	48.3	56.1	65.4	75.0	79.3	78.8	74.1	64.8	54.7	44.9	60.5
N. Mex.	Albuquerque	45.6	52.3	59.6	69.4	78.9	88.9	91.6	89.2	82.2	71.2	56.7	47.4	69.4
N. Y.	Albany	32.9	33.7	44.2	56.7	69.6	78.7	82.6	81.0	73.4	62.0	48.6	36.1	58.3
	New York	39.9	40.1	48.5	57.9	69.0	77.7	82.3	80.4	74.5	64.5	53.0	42.4	60.9
	Rochester	32.7	32.5	41.8	54.7	67.8	78.2	82.7	80.3	73.0	61.1	47.4	35.4	57.3
N. C.	Asheville	48.8	50.6	57.4	66.9	74.8	82.2	84.1	82.8	78.5	68.5	57.0	49.7	66.8
	Raleigh	51.3	53.9	61.9	71.1	79.6	87.1	88.9	87.6	83.2	73.4	62.2	52.8	71.1
N. Dak.	Bismarck	20.1	23.3	36.7	54.6	67.3	76.3	85.5	83.3	72.0	58.5	38.3	25.5	53.5
Ohio	Cleveland	36.0	36.8	44.8	55.8	66.9	76.9	80.9	78.9	73.7	62.7	50.2	38.4	58.5
Okla.	Oklahoma City	47.2	52.7	61.5	71.6	78.6	88.1	93.1	92.8	85.3	74.5	60.0	50.2	71.3
Oreg.	Portland	44.2	49.5	55.6	62.2	68.6	73.1	79.2	78.8	73.4	63.5	52.7	46.8	62.3
Pa.	Harrisburg	38.6	40.1	49.8	61.1	73.1	81.5	85.6	83.0	75.8	65.0	52.1	40.6	62.2
	Pittsburgh	40.2	41.4	50.5	61.9	73.0	81.5	85.1	82.6	77.0	65.3	52.1	41.7	62.7
S. C.	Charleston	59.0	60.4	65.8	73.3	80.0	86.3	88.0	87.4	84.0	75.4	66.3	59.9	73.8
S. Dak.	Huron	24.8	28.4	43.1	59.6	71.6	80.9	89.5	87.1	77.2	64.1	43.9	30.2	58.4
Tenn.	Nashville	48.9	51.6	60.1	70.5	79.1	87.7	90.6	89.4	84.6	73.8	59.2	50.5	70.5
Tex.	Amarillo	48.9	53.6	60.8	70.1	77.5	87.8	91.8	90.3	83.0	72.8	59.8	50.6	70.6
	El Paso	55.8	62.2	68.2	76.9	85.4	93.8	93.5	91.6	87.0	78.1	65.5	56.9	76.2
	Fort Worth	54.9	59.4	67.3	76.3	83.0	91.1	95.0	96.3	88.6	79.0	66.2	57.6	76.2
	Houston	61.9	65.8	71.1	78.0	84.5	89.9	92.3	92.9	88.6	82.1	71.0	64.2	78.5
Utah	Salt Lake City	36.6	42.5	52.0	62.4	72.4	82.0	91.7	89.2	79.2	66.5	50.5	40.2	63.8
Vt.	Burlington	27.6	28.2	38.9	52.9	67.3	77.5	82.4	79.8	71.3	58.6	44.3	31.1	55.0
Va.	Norfolk	50.7	51.6	60.0	67.2	76.3	85.0	86.7	85.2	80.4	70.5	60.7	51.7	68.8
	Richmond	48.4	50.5	58.8	67.9	77.3	84.8	87.3	85.7	80.9	70.7	59.9	49.7	68.5
Wash.	Seattle	45.2	48.8	53.4	59.4	65.6	70.2	75.1	74.2	68.8	60.5	51.8	47.3	60.0
	Spokane	30.2	36.4	45.9	56.0	65.5	72.1	82.4	80.6	70.9	58.3	41.5	33.8	56.1
W. Va.	Parkersburg	42.7	44.2	53.6	64.9	74.7	83.0	86.2	84.3	79.2	67.9	53.9	44.0	64.9
Wis.	Madison	26.7	29.4	40.0	54.6	67.1	76.4	82.2	79.8	71.3	60.0	42.9	30.0	55.0
Wyo.	Cheyenne	37.1	39.8	43.7	53.5	62.8	74.0	82.6	80.9	71.7	59.8	46.9	40.2	57.8
Alaska	Juneau	33.5	34.1	39.1	46.3	54.8	61.9	61.9	62.2	56.3	48.4	40.2	34.4	47.8
T. H.	Honolulu	76.7	76.7	76.8	77.7	79.5	81.3	82.2	82.8	82.9	82.0	79.7	77.7	79.7
P. R.	San Juan	79.6	79.7	80.6	81.5	83.5	84.0	84.2	85.0	85.5	85.3	83.2	81.1	82.8

Source: Department of Commerce, Weather Bureau; records.



## No. 193.—NORMAL DAILY MINIMUM TEMPERATURE

[Based on standard 1921 to 1950 period]

STATION		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	44.8	46.8	51.6	58.9	66.0	72.6	74.0	73.9	70.6	60.5	50.2	45.6	59.6
	Montgomery	41.5	43.2	48.2	55.6	63.6	70.6	72.4	72.2	68.3	57.4	46.7	41.9	56.8
Ariz.	Phoenix	38.2	42.5	46.9	53.8	61.4	69.8	77.5	76.3	69.9	57.4	45.1	40.4	56.6
Ark.	Little Rock	32.4	35.7	42.2	51.6	59.0	67.9	71.1	70.2	63.1	51.7	40.5	34.3	51.6
Calif.	Fresno	35.9	40.1	43.2	47.5	53.4	59.2	64.1	61.4	56.3	48.9	40.7	37.5	49.0
	Los Angeles	45.4	47.1	49.3	52.1	55.4	58.4	61.7	62.1	60.3	56.4	51.1	47.5	53.9
	San Francisco	44.8	47.3	48.7	49.4	51.1	52.9	53.4	53.8	54.8	54.0	50.6	46.8	50.6
Colo.	Denver	20.3	23.3	28.0	37.1	45.9	55.0	61.5	60.4	51.1	40.6	29.6	22.9	39.6
D. C.	Washington	28.9	29.3	36.4	44.5	54.9	64.1	68.4	66.6	60.7	48.6	39.4	30.8	47.7
Fla.	Jacksonville	48.7	49.7	54.3	60.5	66.8	72.1	73.7	73.9	72.1	63.8	54.3	49.1	61.6
	Miami	62.6	62.5	64.8	68.6	71.9	75.2	76.4	76.9	76.0	72.6	66.8	63.6	69.8
Ga.	Atlanta	36.6	38.0	43.8	52.1	60.2	67.8	70.0	69.7	65.4	54.7	43.8	37.6	53.3
Idaho	Boise	19.9	25.6	31.3	37.7	44.7	51.3	59.1	56.9	48.0	40.2	30.4	23.8	39.1
Ill.	Chicago	17.1	19.8	29.0	38.6	48.7	58.8	63.9	62.3	55.2	43.9	31.3	20.6	40.8
Ind.	Indianapolis	23.4	25.5	33.2	43.1	53.3	63.2	67.7	66.0	59.4	48.6	36.1	26.6	45.5
Iowa	Des Moines	13.3	16.9	27.9	40.1	50.9	60.9	65.6	63.7	55.4	43.9	29.4	17.9	40.5
Kans.	Wichita	22.6	26.5	34.1	45.3	54.5	64.6	69.4	68.0	60.5	49.5	35.0	26.3	46.4
Ky.	Louisville	27.9	29.8	37.0	46.9	56.3	65.7	69.3	67.6	61.4	49.9	38.6	30.2	48.4
La.	New Orleans	48.3	50.4	54.8	61.8	68.4	74.4	75.8	76.2	73.4	65.4	54.8	49.5	62.8
Maine	Eastport	14.1	14.6	24.3	32.6	40.3	46.9	51.9	53.2	49.3	41.9	32.4	19.0	35.0
Mass.	Boston	21.6	21.8	30.0	39.4	49.3	58.4	64.3	63.5	55.9	46.9	37.1	25.8	42.8
Mich.	Detroit	19.3	19.6	27.0	36.8	47.5	57.8	62.6	61.2	54.5	43.6	33.1	23.2	40.5
	Sault Ste. Marie	5.7	4.3	14.2	27.8	38.1	46.5	52.4	52.3	45.9	36.4	25.1	13.0	30.1
Minn.	Minneapolis	6.1	9.4	22.7	36.2	48.0	57.8	63.3	60.8	51.8	40.6	25.2	11.5	36.1
Miss.	Vicksburg	40.8	43.3	48.7	56.5	63.6	70.6	72.9	72.6	67.7	57.8	47.3	42.2	57.0
Mo.	Kansas City	21.0	24.8	33.5	45.6	55.6	65.6	70.5	68.7	60.1	48.9	34.7	25.1	46.2
	St. Louis	25.6	28.5	36.4	47.3	57.3	66.9	71.6	69.7	62.4	51.5	38.0	23.8	48.7
Mont.	Helena	9.9	16.3	23.5	31.6	39.3	46.2	53.2	51.7	41.9	36.3	24.6	17.7	32.7
	Miles City	5.5	9.0	19.7	33.2	43.8	52.3	60.0	57.4	46.3	35.3	22.1	10.6	32.9
Nebr.	North Platte	11.2	15.8	23.3	35.5	46.0	56.0	62.2	59.8	49.3	36.5	23.1	14.9	36.1
	Omaha	13.5	17.5	28.3	41.5	52.1	62.3	67.6	65.1	55.9	44.2	29.3	18.6	41.3
Nev.	Winnemucca	18.2	24.9	28.2	32.2	40.4	47.9	56.4	51.0	42.4	32.7	24.9	20.5	35.0
N. J.	Atlantic City	29.1	28.6	34.7	42.6	52.7	62.4	67.9	67.4	62.4	51.2	41.4	31.4	47.7
N. Mex.	Albuquerque	21.8	26.7	32.3	41.5	51.6	60.9	66.4	64.6	57.5	45.2	31.3	24.5	43.7
N. Y.	Albany	17.4	17.4	27.3	37.8	49.1	58.6	63.6	61.5	54.1	43.0	34.2	22.0	40.5
	New York	25.8	25.3	32.8	41.7	52.5	61.8	66.9	66.0	60.1	49.5	39.5	28.9	45.9
	Rochester	16.7	15.5	24.1	34.2	45.0	54.9	59.7	57.5	50.9	40.4	32.0	21.0	37.7
N. C.	Asheville	30.0	30.9	36.2	44.1	52.0	60.3	63.4	62.5	57.3	45.5	36.2	30.6	45.8
	Raleigh	34.0	34.9	40.7	48.3	57.4	66.1	69.6	68.3	63.6	51.7	41.9	35.1	51.0
N. Dak.	Bismarck	1.8	2.1	16.6	31.6	42.2	52.2	58.6	55.2	44.9	32.9	18.5	5.5	29.9
Ohio	Cleveland	23.0	23.3	30.5	40.1	51.2	61.7	66.5	65.5	58.8	48.3	37.3	27.3	44.5
Okla.	Oklahoma City	28.3	32.3	39.0	50.2	58.5	67.9	71.8	71.6	63.8	53.1	39.4	31.6	50.6
Oreg.	Portland	34.7	38.0	41.1	44.9	49.6	54.4	57.8	57.9	54.4	48.7	41.7	37.9	46.8
Pa.	Harrisburg	23.6	24.1	31.8	40.7	51.6	60.6	65.1	62.9	56.4	45.3	35.9	27.2	43.8
	Pittsburgh	25.8	25.7	32.7	41.6	52.2	61.8	65.6	63.6	58.7	46.5	37.0	28.7	45.0
S. C.	Charleston	43.8	45.0	50.3	57.8	65.8	72.9	75.0	74.5	71.3	61.0	50.9	44.4	59.4
S. Dak.	Huron	2.1	6.7	20.3	33.2	44.4	55.4	61.3	58.7	48.4	35.8	21.1	8.9	33.0
Tenn.	Nashville	30.9	33.0	39.5	48.8	57.2	66.1	69.3	68.0	61.8	49.8	39.3	32.6	49.7
Tex.	Amarillo	21.6	25.5	31.3	41.1	50.1	59.4	63.8	62.8	55.5	44.5	30.6	23.9	42.5
	El Paso	30.9	36.0	40.8	49.2	57.8	66.5	69.0	68.0	62.8	52.2	38.4	32.7	50.4
	Fort Worth	35.5	39.2	45.7	54.9	62.7	70.9	74.2	74.3	67.8	57.6	45.0	38.0	55.5
	Houston	45.7	49.5	54.0	61.0	67.3	73.6	75.2	75.4	71.4	61.4	52.8	47.4	61.4
Utah	Salt Lake City	21.1	26.3	32.8	40.4	48.2	55.5	64.7	62.6	52.8	42.8	31.9	25.5	42.1
Vt.	Burlington	8.2	8.0	19.6	31.6	43.4	53.5	58.4	56.3	48.4	37.8	28.4	14.5	34.0
Va.	Norfolk	35.4	35.4	41.0	48.5	58.2	66.9	70.7	70.3	66.4	55.5	45.6	37.2	52.6
	Richmond	30.7	31.2	37.6	45.6	55.6	64.6	68.4	66.9	61.5	49.2	39.7	31.9	48.6
Wash.	Seattle	36.2	38.1	40.5	44.1	48.9	53.4	56.1	56.2	53.2	48.2	42.1	38.9	46.3
	Spokane	19.6	23.0	30.2	36.6	43.8	50.6	56.8	55.1	47.5	38.8	29.8	24.3	38.0
W. Va.	Parkersburg	26.1	26.8	33.6	42.6	52.2	61.7	65.1	63.6	57.5	45.8	36.0	28.1	44.9
Wis.	Madison	11.8	14.3	24.8	37.1	48.3	58.9	64.0	62.0	54.4	43.4	29.4	17.0	38.8
Wyo.	Cheyenne	13.8	15.6	19.9	28.7	37.3	46.5	53.6	52.6	43.1	32.9	23.2	17.1	32.0
Alaska	Juneau	25.5	25.7	29.6	34.5	40.7	47.1	50.1	49.5	45.3	39.5	32.1	26.8	37.2
T. H.	Honolulu	67.2	67.2	67.6	68.8	70.6	72.4	73.5	74.1	73.7	72.9	70.7	68.9	70.6
P. R.	San Juan	70.2	70.0	70.6	71.7	73.8	75.0	75.7	76.0	75.4	74.8	73.5	71.8	73.2

Source: Department of Commerce, Weather Bureau; records.

## No. 194.—HIGHEST TEMPERATURE OF RECORD

[For period of record through 1953]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mohile	12	84	82	90	92	100	102	104	102	97	92	85	80	104
	Montgomery	81	83	84	90	92	99	106	107	103	106	96	86	81	107
Ariz.	Phoenix	58	85	92	95	104	114	118	118	115	118	105	96	88	118
Ark.	Little Rock	74	83	87	90	94	97	105	108	110	106	94	84	78	110
Calif.	Fresno	66	73	84	87	101	110	112	115	113	111	100	89	76	115
	Los Angeles	76	90	92	99	100	103	105	109	106	108	104	96	92	109
	San Francisco	83	78	80	86	89	97	100	99	92	101	96	83	74	101
Colo.	Denver	82	76	77	82	86	95	99	102	105	97	90	79	79	105
D. C.	Washington	82	80	84	93	95	97	102	106	106	104	96	87	74	106
Fla.	Jacksonville	82	84	86	91	92	99	102	104	101	99	95	86	83	104
	Miami	43	83	85	88	91	92	94	95	93	93	91	88	85	95
Ga.	Atlanta	75	79	78	87	93	97	102	103	101	102	94	82	75	103
Idaho	Boise	14	63	66	76	92	95	109	105	105	102	88	73	60	109
Ill.	Chicago	83	67	68	82	91	98	104	105	102	101	90	81	68	105
Ind.	Indianapolis	83	71	73	84	90	96	101	106	103	100	91	82	69	106
Iowa	Des Moines	75	65	78	88	92	105	103	110	110	102	92	82	69	110
Kans.	Wichita	65	74	82	92	98	100	109	112	114	108	95	83	75	114
Ky.	Louisville	81	79	78	88	91	98	103	107	105	103	92	83	74	107
La.	New Orleans	80	83	85	90	91	97	102	102	100	99	94	89	84	102
Maine	Eastport	180	58	54	76	81	90	92	93	93	92	83	67	60	93
Mass.	Boston	82	72	68	86	89	97	100	104	101	102	90	83	69	104
Mich.	Detroit	83	67	68	82	88	95	104	105	104	100	89	81	65	105
	Sault Ste. Marie	65	48	50	75	83	91	93	98	98	93	82	74	54	98
Minn.	Minneapolis	63	58	64	83	92	106	104	108	103	104	90	77	63	108
Miss.	Vicksburg	80	82	84	92	92	97	101	102	101	104	94	86	82	104
Mo.	Kansas City	65	75	81	91	95	103	108	110	113	109	98	83	74	113
	St. Louis	83	75	84	92	93	98	104	110	108	103	93	83	75	110
Mont.	Helena	74	63	69	73	86	95	102	103	103	96	84	71	64	103
	Miles City	62	66	71	88	91	101	108	111	110	106	93	76	71	111
Nebr.	North Platte	79	71	74	88	95	99	107	109	108	105	96	83	76	109
	Omaha	81	69	78	91	94	103	107	114	111	104	96	80	72	114
Nev.	Winnemucca	75	64	69	82	88	98	104	108	106	103	90	75	70	108
N. J.	Atlantic City	80	68	77	84	90	95	99	102	104	94	91	80	68	104
N. Mex.	Albuquerque	23	67	70	81	88	98	101	102	101	98	87	76	68	102
N. Y.	Albany	80	71	66	85	93	97	100	104	102	100	91	82	67	104
	New York	83	71	73	84	91	95	97	102	102	100	90	81	69	102
	Rochester	82	74	70	86	90	93	100	102	99	98	91	81	70	102
N. C.	Asheville	51	77	80	87	89	93	98	99	98	95	90	83	81	99
	Raleigh	67	80	82	94	95	99	104	105	103	101	97	87	79	105
N. Dak.	Bismarck	79	60	65	81	92	102	107	114	109	105	95	74	66	114
Ohio	Cleveland	83	73	73	83	88	92	101	103	102	101	90	82	69	103
Okla.	Oklahoma City	63	83	90	97	96	99	107	109	113	106	97	87	80	113
Oreg.	Portland	79	65	68	83	93	99	102	107	102	102	90	73	65	107
Pa.	Harrisburg	65	73	74	86	93	97	100	103	104	102	97	84	71	104
	Pittsburgh	79	75	77	84	90	95	98	103	103	102	91	80	73	103
S. C.	Charleston	83	82	82	94	93	99	104	104	102	100	95	84	81	104
S. Dak.	Huron	72	64	70	89	94	106	109	111	110	106	97	79	71	111
Tenn.	Nashville	83	78	79	89	90	96	106	107	105	104	94	85	76	107
Tex.	Amarillo	62	83	84	96	94	102	108	106	106	102	95	86	83	108
	El Paso	67	77	86	93	95	104	106	107	103	103	94	85	77	107
	Fort Worth	55	93	96	100	100	107	107	109	112	108	106	88	90	112
	Houston	64	84	90	96	93	98	103	104	108	101	99	89	84	108
Utah	Salt Lake City	80	62	69	78	85	93	103	105	102	97	88	74	68	105
Vt.	Burlington	70	64	59	84	86	92	96	100	101	95	85	75	67	101
Va.	Norfolk	83	80	82	92	95	98	103	104	105	100	94	87	78	105
	Richmond	56	80	82	94	96	98	104	105	107	102	99	83	77	107
Wash.	Seattle	63	67	70	81	87	92	98	100	96	92	82	70	65	100
	Spokane	73	62	60	74	90	97	100	103	104	98	87	70	60	108
W. Va.	Parkersburg	65	78	77	89	93	96	99	104	106	102	91	83	75	106
Wis.	Madison	85	58	63	82	89	101	100	107	101	97	86	77	62	107
Wyo.	Cheyenne	81	64	70	77	82	88	97	100	96	92	85	75	69	100
Alaska	Juneau	10	48	46	49	66	82	83	83	78	72	61	56	54	83
T. H.	Honolulu	49	83	84	84	83	85	86	87	88	88	87	85	85	88
P. R.	San Juan	55	88	91	91	93	94	93	92	93	94	94	93	90	94

1 Through 1952.

Source: Department of Commerce, Weather Bureau; records.



## No. 195.—LOWEST TEMPERATURE OF RECORD

[For period of record through 1953]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	12	14	11	21	36	45	57	60	61	47	34	22	18	11
	Montgomery	81	5	-5	20	30	43	48	61	58	45	26	13	8	-5
Ariz.	Phoenix	58	16	22	29	32	39	49	61	58	47	36	25	22	16
Ark.	Little Rock	74	-8	-13	11	28	39	51	56	52	37	27	10	5	-13
Calif.	Fresno	66	17	24	26	32	38	42	50	51	37	30	27	18	17
	Los Angeles	76	28	28	31	36	40	46	49	49	44	40	34	30	28
	San Francisco	83	29	33	33	40	42	46	47	46	47	43	38	27	27
Colo.	Denver	82	-29	-25	-11	4	19	30	42	40	21	-2	-18	-25	-29
D. C.	Washington	82	-14	-15	4	15	33	43	52	49	36	26	11	-13	-15
Fla.	Jacksonville	82	15	10	25	34	46	54	65	64	49	37	23	14	10
	Miami	43	31	27	34	44	50	65	66	67	52	36	30	27	
Ga.	Atlanta	75	-2	-9	8	25	38	39	58	55	43	28	3	1	-9
Idaho	Boise	14	-17	-10	12	21	27	34	43	41	32	20	10	-1	-17
Ill.	Chicago	83	-20	-21	-12	17	27	35	49	46	29	14	-2	-23	-23
Ind.	Indianapolis	83	-25	-18	-1	19	31	39	48	44	30	22	-5	-15	-25
Iowa	Des Moines	75	-30	-26	-12	11	26	37	48	40	26	7	-10	-21	-30
Kans.	Wichita	65	-15	-22	-3	15	27	44	53	45	32	14	4	-10	-22
Ky.	Louisville	81	-20	-19	3	21	33	43	49	45	33	23	-1	-7	-20
La.	New Orleans	80	15	7	28	38	52	58	66	63	54	40	29	19	7
Maine	Eastport	180	-20	-23	-10	2	24	30	45	44	30	22	-13	-23	-23
Mass.	Boston	82	-13	-18	-8	11	31	41	50	46	34	25	-2	-17	-18
Mich.	Detroit	83	-16	-20	-7	8	28	38	48	43	30	22	0	-24	-24
	Sault Ste. Marie	65	-32	-37	-27	-13	21	31	36	32	25	15	-12	-24	-37
Minn.	Minneapolis	63	-34	-33	-27	6	22	34	44	40	26	10	-13	-27	-34
Miss.	Vicksburg	80	3	-1	17	31	43	52	59	54	41	31	20	10	-1
Mo.	Kansas City	65	-20	-22	-3	16	27	44	53	46	34	17	4	-13	-22
	St. Louis	83	-22	-18	3	20	32	44	55	52	36	21	3	-15	-22
Mont.	Helena	74	-42	-41	-26	-10	22	31	36	29	6	-8	-22	-40	-42
	Miles City	62	-46	-49	-30	-7	18	32	41	34	17	-8	-26	43	-49
Nebr.	North Platte	79	-35	-35	-21	-3	19	33	40	36	21	4	-25	-30	-35
	Omaha	81	-32	-26	-16	6	25	39	50	44	30	8	-14	-20	-32
Nev.	Winnemucca	75	-36	-26	-3	9	12	29	33	26	16	10	-9	-27	-36
N. J.	Atlantic City	80	-4	-9	8	15	33	45	52	48	37	29	10	-7	-9
N. Mex.	Albuquerque	23	-1	-6	8	18	30	43	54	53	35	22	5	7	-6
N. Y.	Albany	80	-26	-22	-21	9	29	35	44	35	24	19	-11	-21	-26
	New York	83	-6	-14	3	12	34	44	54	51	39	27	7	-13	-14
	Rochester	82	-14	-22	-7	7	27	35	44	43	28	19	1	-16	-22
N. C.	Asheville	51	-5	-6	7	20	31	40	46	45	35	20	1	-4	-6
	Raleigh	67	2	-2	13	23	34	46	53	51	39	28	14	0	-2
N. Dak.	Bismarck	79	-45	-45	-36	-3	13	31	32	32	10	-10	-28	-42	-45
Ohio	Cleveland	83	-17	-16	-5	11	28	38	46	44	32	24	0	-12	-17
Okla.	Oklahoma City	63	-11	-17	1	20	33	46	55	49	35	16	9	-2	-17
Oreg.	Portland	79	-2	7	20	28	32	39	43	43	35	29	11	3	-2
Pa.	Harrisburg	65	-14	-13	5	11	32	43	49	46	32	25	10	-3	-14
	Pittsburgh	79	-16	-20	-1	11	27	38	46	45	34	20	1	-9	-20
S. C.	Charleston	83	10	7	24	32	45	49	61	62	49	37	17	12	7
S. Dak.	Huron	72	-43	-37	-25	5	20	31	40	33	18	-6	-28	-34	-43
Tenn.	Nashville	83	-10	-13	3	25	36	42	51	47	36	26	-1	-2	-13
Tex.	Amarillo	62	-11	-16	-3	13	26	38	51	48	32	15	4	-6	-16
	El Paso	74	-6	5	14	26	36	46	56	52	41	26	11	-5	-6
	Fort Worth	55	-2	-8	10	30	34	48	56	55	40	24	19	7	-8
	Houston	65	5	6	21	34	45	55	55	54	45	33	23	15	5
Utah	Salt Lake City	80	-20	-13	0	18	25	32	43	42	29	22	-2	-10	-20
Vt.	Burlington	70	-27	-28	-24	5	25	33	43	38	25	17	-3	-29	-29
Va.	Norfolk	83	5	2	14	23	38	49	57	56	40	31	17	5	2
	Richmond	56	-1	-3	12	19	35	43	52	49	40	28	14	-2	-3
Wash.	Seattle	63	3	4	20	30	36	40	46	46	36	29	15	12	3
	Spokane	73	-30	-23	-10	14	29	34	41	37	22	9	-13	-18	-30
W. Va.	Parkersburg	65	-16	-27	-3	15	29	38	47	45	32	20	4	-10	-27
Wis.	Madison	85	-29	-28	-13	8	27	38	48	43	29	12	-14	-28	-29
Wyo.	Cheyenne	81	-38	-34	-21	-6	8	25	33	25	16	-5	-21	-28	-38
Alaska	Juneau	10	-19	-12	-2	7	26	33	36	27	27	16	-3	-21	-21
T. H.	Honolulu	49	57	56	57	59	63	64	67	66	68	63	61	59	56
P. R.	San Juan	55	63	62	63	65	66	66	70	68	69	68	66	62	62

1 Through 1952.

Source: Department of Commerce, Weather Bureau; records.

## No. 196.—NORMAL MONTHLY AND ANNUAL PRECIPITATION

[In inches. Based on standard 1921 to 1950 period. T denotes trace]

STATION		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	4.83	4.36	7.12	5.05	4.73	5.86	7.94	5.35	4.94	3.07	3.73	5.25	62.23
	Montgomery	4.61	4.79	6.40	4.63	3.36	4.49	5.15	4.03	3.01	2.15	3.77	4.54	50.93
Ariz.	Phoenix	.61	.82	.68	.37	.16	.06	.68	.90	.96	.40	.50	.98	7.12
Ark.	Little Rock	5.12	4.06	4.85	5.16	4.85	3.43	3.10	3.15	2.85	2.81	3.92	4.08	47.38
Calif.	Fresno	1.57	1.66	1.63	.96	.28	.11	.01	T	.05	.66	.75	1.63	9.31
	Los Angeles	2.38	3.37	2.36	1.17	.26	.07	T	.02	.27	.50	1.03	3.11	14.54
	San Francisco	4.03	3.91	2.78	1.49	.59	.15	.01	.01	.13	1.07	2.27	4.07	20.51
Colo.	Denver	.50	.56	1.24	1.90	2.06	1.45	1.22	1.35	.93	1.00	.72	.50	13.43
D. C.	Washington	3.41	2.64	3.36	3.20	3.91	3.42	4.11	4.49	4.36	2.97	2.82	2.75	41.44
Fla.	Jacksonville	2.82	2.60	3.51	3.04	3.63	6.67	7.89	6.26	6.79	5.13	1.57	2.39	52.30
	Miami	2.15	1.73	2.15	3.44	4.27	5.55	4.36	5.06	6.72	7.88	2.16	1.73	47.20
Ga.	Atlanta	4.52	4.65	5.49	4.25	3.68	3.97	4.43	3.83	2.92	2.50	3.28	4.44	47.96
Idaho	Boise	1.33	1.35	1.34	1.10	1.09	.84	.18	.21	.46	.94	1.35	1.29	11.48
Ill.	Chicago	1.84	1.41	2.85	2.82	3.66	4.15	2.73	3.19	3.23	2.56	2.33	1.95	32.72
Ind.	Indianapolis	3.04	2.08	3.86	3.69	3.78	4.18	3.25	3.55	3.65	2.40	3.05	2.71	39.24
Iowa	Des Moines	1.22	1.07	2.05	2.36	3.63	5.05	2.96	3.83	3.66	2.25	1.66	1.15	30.89
Kans.	Wichita	1.05	.98	1.74	3.52	3.79	4.99	3.43	2.96	3.23	2.18	1.73	1.10	30.70
Ky.	Louisville	4.07	2.99	4.67	4.06	3.82	4.05	3.07	3.31	2.69	2.48	3.08	3.31	41.60
La.	New Orleans	4.78	4.18	6.56	5.45	5.43	5.57	7.09	6.41	5.82	3.66	4.01	4.58	63.54
Maine.	Eastport	3.16	2.69	2.88	2.57	2.49	2.92	2.92	2.95	3.19	3.37	3.66	3.12	35.92
Mass.	Boston	3.50	2.93	3.43	3.46	2.91	3.48	3.18	3.23	2.99	2.79	3.49	3.37	38.76
Mich.	Detroit	2.08	2.02	2.53	2.91	3.61	2.90	2.91	2.62	2.78	2.29	2.18	2.20	31.03
	Sault Ste. Marie	2.16	1.52	1.85	1.95	2.55	3.02	2.49	2.62	3.49	2.98	3.26	2.30	30.19
Minn.	Minneapolis	.80	.89	1.48	1.91	3.12	4.26	2.67	2.79	2.85	1.65	1.44	.85	24.71
Miss.	Vicksburg	5.44	5.14	6.03	4.84	4.22	3.31	3.96	2.71	1.77	2.22	4.61	5.38	49.63
Mo.	Kansas City	1.43	1.16	2.51	3.61	4.41	5.02	2.83	3.89	3.85	2.93	2.17	1.50	35.31
	St. Louis	2.32	1.88	3.64	4.01	4.10	3.80	2.91	3.77	3.38	2.90	2.72	2.43	37.86
Mont.	Helena	.62	.49	.79	.97	1.82	2.45	1.11	.92	1.21	.73	.71	.73	12.55
	Miles City	.47	.36	.70	1.08	1.71	2.84	1.41	1.10	1.20	.94	.49	.51	12.81
Nebr.	North Platte	.39	.34	.91	2.06	2.67	2.92	2.40	2.11	1.75	1.04	.55	.40	17.54
	Omaha	.85	.87	1.32	2.15	2.75	4.51	3.34	3.12	3.16	1.73	1.29	.81	25.90
Nev.	Winnemucca	.96	1.01	.86	.83	.84	.79	.31	.18	.34	.79	.84	1.00	8.75
N. J.	Atlantic City	3.78	3.24	3.53	3.40	2.98	2.99	3.78	4.72	3.51	3.21	3.32	3.31	41.77
N. Mex.	Albuquerque	.28	.33	.44	.53	.87	.72	1.43	1.38	1.05	.64	.42	.59	8.68
N. Y.	Albany	2.47	2.18	2.57	2.77	3.18	3.89	4.08	3.24	3.66	2.47	2.93	2.37	35.81
	New York	3.46	3.13	3.56	3.22	3.51	3.70	4.24	4.34	3.67	3.04	3.09	3.07	42.03
	Rochester	2.36	2.42	2.96	2.64	2.64	2.85	3.09	2.48	2.66	2.50	2.74	2.40	31.74
N. C.	Asheville	2.98	2.85	3.57	2.86	3.03	3.52	4.50	3.58	2.72	2.54	2.11	2.96	37.22
	Raleigh	3.25	3.50	3.58	3.52	3.65	4.30	5.64	5.15	4.65	2.68	2.70	3.21	45.83
N. Dak.	Bismarck	.36	.43	.76	1.39	1.94	3.33	2.33	1.50	1.43	1.00	.53	.40	15.40
Ohio.	Cleveland	2.45	2.19	2.96	2.91	3.02	3.26	3.35	2.75	3.23	2.37	2.69	2.32	33.50
Okla.	Oklahoma City	1.58	1.28	2.15	3.60	4.62	4.42	2.42	2.60	3.46	2.92	2.00	1.54	32.59
Oreg.	Portland	5.43	4.87	4.15	2.43	1.87	1.62	.42	.61	1.83	3.53	6.05	7.10	39.91
Pa.	Harrisburg	2.62	2.24	2.87	2.97	3.70	3.64	3.64	3.34	2.63	3.07	2.73	2.56	36.01
	Pittsburgh	2.83	2.35	3.41	3.08	3.49	3.83	3.72	3.08	2.77	2.49	2.61	2.57	36.23
S. C.	Charleston	2.48	3.07	3.38	2.45	3.36	4.29	8.04	6.54	5.31	2.44	1.92	2.71	45.99
S. Dak.	Huron	.57	.49	1.09	1.92	2.25	3.06	2.08	1.98	1.73	1.26	.66	.45	17.54
Tenn.	Nashville	4.93	4.16	5.28	3.69	3.78	3.19	3.96	3.31	2.74	2.52	3.41	4.06	45.03
Tex.	Amarillo	.64	.62	1.04	1.45	3.01	3.25	2.36	2.99	2.28	1.93	.88	.67	21.12
	El Paso	.42	.36	.28	.27	.41	.62	1.32	1.32	1.13	.83	.38	.49	7.83
	Fort Worth	2.30	2.49	2.37	3.81	4.84	3.25	1.75	2.00	2.65	2.73	1.88	2.22	32.29
	Houston	3.98	2.81	3.10	3.40	4.84	4.08	4.45	3.09	3.65	3.39	3.95	4.63	45.37
Utah.	Salt Lake City	1.20	1.23	1.66	1.76	1.56	.91	.61	.97	.74	1.34	1.42	1.34	14.74
Vt.	Burlington	1.89	1.53	2.19	2.63	2.89	3.57	3.75	3.01	3.14	2.89	2.85	1.88	32.22
Va.	Norfolk	3.17	3.06	3.27	3.16	3.45	4.16	6.05	5.08	3.86	2.45	2.67	2.88	43.26
	Richmond	3.63	2.73	3.43	3.27	3.69	3.78	5.38	4.95	3.36	2.62	2.41	2.92	42.17
Wash.	Seattle	4.49	3.74	3.06	1.94	1.61	1.25	.52	.87	1.56	3.08	4.46	5.34	31.92
	Spokane	1.72	1.46	1.34	.99	1.04	1.17	.36	.49	.93	1.33	1.88	2.21	14.92
W. Va.	Parkersburg	3.17	2.65	3.54	3.08	3.50	4.18	4.16	4.15	2.99	2.12	2.67	2.90	39.11
Wis.	Madison	1.47	1.27	2.03	2.49	3.21	4.02	3.40	3.07	4.11	2.00	2.20	1.44	30.71
Wyo.	Cheyenne	.56	.65	1.22	2.14	2.46	2.10	1.96	1.61	1.20	1.13	.70	.52	16.25
Alaska.	Juneau	8.00	5.78	6.43	5.73	5.14	4.13	6.04	7.37	10.49	13.03	10.38	7.73	90.25
T. H.	Honolulu	4.31	2.49	2.30	2.05	1.01	.63	.86	1.09	1.34	2.28	2.08	3.48	23.92
P. R.	San Juan	4.69	2.67	2.42	3.80	6.51	5.16	6.02	6.26	6.00	5.27	6.37	4.83	60.00

Source: Department of Commerce, Weather Bureau; records.



## No. 197.—AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF 0.01 INCH OR MORE

[For period of record through 1953]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	12	11	11	11	9	8	12	18	14	10	5	8	12	129
	Montgomery	81	11	10	10	9	9	11	12	11	8	6	7	10	114
Ariz.	Phoenix	58	4	4	3	2	1	1	5	5	3	2	2	4	36
Ark.	Little Rock	74	10	9	10	10	10	10	9	9	7	7	8	9	108
Calif.	Fresno	66	8	7	7	4	2	1	(1)	(1)	1	3	4	8	44
	Los Angeles	76	6	6	6	4	2	1	(1)	(1)	1	2	3	6	39
	San Francisco	83	11	11	10	6	4	2	(1)	1	2	4	7	10	68
Colo.	Denver	82	5	6	8	9	10	8	9	9	6	6	5	5	86
D. C.	Washington	83	11	10	12	11	12	11	11	11	8	8	9	10	124
Fla.	Jacksonville	82	8	8	8	7	9	13	16	15	13	9	7	8	121
	Miami	43	8	6	7	7	11	13	16	15	18	15	9	8	133
Ga.	Atlanta	75	12	11	12	10	9	11	12	12	8	7	8	11	123
Idaho	Boise	14	12	11	9	8	8	7	2	2	3	7	11	12	92
Ill.	Chicago	83	11	10	12	11	12	11	9	9	9	9	10	11	124
Ind.	Indianapolis	83	12	10	13	12	13	11	10	9	9	9	11	12	131
Iowa	Des Moines	75	8	7	9	10	12	11	9	9	9	8	7	8	107
Kans.	Wichita	65	5	6	7	8	11	9	8	8	8	7	5	5	87
Ky.	Louisville	81	12	10	12	12	11	11	9	9	8	8	9	11	122
La.	New Orleans	83	10	9	9	7	8	13	15	14	10	6	7	10	118
Maine	Eastport	2 80	15	13	14	12	12	12	12	11	11	11	12	14	149
Mass.	Boston	83	12	10	12	11	11	10	10	10	9	9	10	11	125
Mich.	Detroit	83	13	12	13	12	13	11	9	9	9	10	12	13	136
	Sault Ste. Marie	65	18	14	12	11	12	11	10	10	13	14	17	18	160
Minn.	Minneapolis	63	8	7	9	9	12	12	9	9	9	8	7	8	107
Miss.	Vicksburg	81	11	10	10	9	8	9	11	9	7	6	8	10	108
Mo.	Kansas City	65	7	7	9	11	12	11	9	9	9	7	6	7	104
	St. Louis	83	9	9	11	11	12	11	8	8	8	8	8	9	112
Mont.	Helena	74	9	8	9	8	11	12	8	6	7	6	7	8	99
	Miles City	62	8	6	8	7	10	11	8	6	6	6	6	7	89
Nebr.	North Platte	79	5	5	6	8	11	10	9	9	6	5	4	5	83
	Omaha	83	6	7	8	10	12	11	9	9	8	7	5	6	98
Nev.	Winnemucca	75	9	9	8	7	7	5	2	2	3	5	6	8	71
N. J.	Atlantic City	80	12	10	12	11	11	10	10	10	8	9	9	10	122
N. Mex.	Albuquerque	23	4	4	4	4	4	4	9	9	6	5	3	4	60
N. Y.	Albany	80	13	11	12	12	12	12	12	11	10	10	11	11	137
	New York	83	12	10	12	11	11	11	11	10	9	9	9	11	126
	Rochester	83	19	17	17	14	13	11	11	10	10	12	15	18	167
N. C.	Asheville	51	11	10	12	10	12	13	15	13	9	7	8	10	130
	Raleigh	67	10	10	11	10	11	11	13	11	8	7	7	10	119
N. Dak.	Bismarck	79	7	7	7	8	10	12	9	8	7	6	6	7	94
Ohio	Cleveland	82	17	15	15	13	13	11	10	9	10	11	14	16	154
Okla.	Oklahoma City	63	6	6	7	8	10	8	6	7	7	6	5	6	82
Oreg.	Portland	82	19	17	18	14	12	10	3	4	8	12	17	19	153
Pa.	Harrisburg	65	12	10	12	11	12	12	11	10	9	8	9	10	126
	Pittsburgh	83	16	14	15	13	13	12	12	10	9	10	12	14	150
S. C.	Charleston	83	9	9	9	7	8	11	13	13	10	6	7	9	111
S. Dak.	Huron	72	7	7	8	9	10	11	9	9	7	6	5	6	94
Tenn.	Nashville	83	12	11	12	11	10	10	11	9	8	7	9	11	121
Tex.	Amarillo	62	4	4	4	6	9	8	8	8	6	6	4	4	71
	El Paso	75	3	3	3	2	2	4	8	8	5	4	3	4	49
	Fort Worth	55	7	7	7	8	9	6	5	5	5	6	6	6	77
	Houston	64	10	9	8	7	7	8	10	9	9	6	8	10	101
Utah	Salt Lake City	80	10	10	10	9	8	5	4	5	5	7	7	10	90
Vt.	Burlington	48	13	12	13	13	13	12	12	11	11	11	11	13	145
Va.	Norfolk	83	11	11	11	10	11	11	12	12	8	8	8	10	123
	Richmond	56	11	10	11	10	12	11	11	11	10	7	8	10	122
Wash.	Seattle	63	18	16	16	13	12	9	4	5	8	13	17	19	150
	Spokane	73	14	12	11	9	9	8	4	4	6	9	12	15	113
W. Va.	Parkersburg	65	15	13	14	13	13	13	11	10	9	9	11	13	144
Wis.	Madison	75	9	8	10	10	12	11	9	9	10	8	8	9	113
Wyo.	Cheyenne	83	6	6	9	10	12	10	11	10	6	6	5	5	96
Alaska	Juneau	10	20	17	19	18	17	15	18	18	21	23	20	22	228
T. H.	Honolulu	49	13	11	13	12	11	11	13	13	13	13	14	15	152
P. R.	San Juan	55	20	14	14	14	16	17	19	20	18	18	19	21	210

1 Less than 1/4 day.

2 Through 1952.

Source: Department of Commerce, Weather Bureau; records.

## NO. 198.—AVERAGE TOTAL SNOW, SLEET, AND HAIL

[In inches. For period of record, through 1953. T denotes trace]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	12	T	T	T	T	T	0	0	0	0	0	0	T	T
	Montgomery	81	.2	.2	T	T	T	T	T	T	T	0	T	.2	.6
Arlz.	Phoenix	58	T	T	T	T	T	0	0	0	T	0	T	T	T
Ark.	Little Rock	69	1.9	1.2	.4	T	0	0	0	0	T	T	.2	.9	4.6
Calif.	Fresno	66	.1	T	T	T	0	0	0	0	0	0	T	T	.1
	Los Angeles	76	T	T	T	0	0	0	0	0	0	0	T	T	T
	San Francisco	83	T	.1	T	T	0	0	0	0	0	T	T	.1	.2
Colo.	Denver	72	6.1	7.8	11.0	9.6	1.9	T	T	T	.7	4.0	6.9	8.2	56.2
D. C.	Washington	66	6.0	5.6	3.7	.4	T	T	0	0	0	.1	.8	3.2	19.8
Fla.	Jacksonville	82	T	T	T	T	T	T	T	0	0	0	T	T	T
	Miami	43	0	T	0	T	T	T	T	0	T	0	T	T	T
Ga.	Atlanta	69	.9	.9	.2	T	T	T	T	T	0	T	T	.3	2.3
Idaho	Boise	14	6.8	5.3	2.8	.1	T	T	0	0	0	T	1.6	5.7	22.3
Ill.	Chicago	69	8.7	8.3	6.0	1.0	.1	T	0	T	T	.1	2.2	7.3	33.7
Ind.	Indianapolis	70	5.5	4.6	3.6	.6	.1	T	0	T	T	T	1.3	4.6	20.3
Iowa	Des Moines	69	8.7	7.1	5.9	1.1	T	T	T	0	T	.2	2.1	7.0	32.1
Kans.	Wichita	65	3.3	3.6	2.9	.4	T	T	T	0	T	.1	.9	2.8	14.0
Ky.	Louisville	69	4.0	3.6	2.1	.2	T	T	0	0	0	.1	.5	3.1	13.6
La.	New Orleans	83	.1	.1	T	T	T	T	T	T	T	T	T	T	.2
Maine	Eastport	168	16.9	18.6	12.8	6.6	.2	0	0	0	0	.2	4.0	12.3	71.6
Mass.	Boston	83	11.9	12.5	7.0	1.8	T	T	T	T	T	T	1.6	7.5	42.3
Mich.	Detroit	63	10.2	9.4	6.7	1.5	.1	T	0	0	0	.1	3.0	8.4	39.4
	Sault Ste. Marie	65	19.4	14.3	10.6	3.8	.6	T	0	T	T	2.3	12.9	19.5	83.4
Minn.	Minneapolis	63	9.0	8.1	8.8	3.3	.2	T	T	T	T	.4	4.9	7.7	42.4
Miss.	Vicksburg	69	1.0	.4	T	T	T	T	T	T	T	.0	T	.3	1.7
Mo.	Kansas City	65	4.7	5.4	4.1	.9	T	T	0	T	T	.2	1.3	4.3	20.9
	St. Louis	70	4.3	4.8	3.5	.3	.1	T	0	0	0	T	1.0	3.3	17.3
Mont.	Helena	74	9.8	8.2	9.1	5.0	1.9	.1	T	T	.9	3.6	6.7	8.8	54.1
	Miles City	62	6.0	4.6	6.6	2.5	1.4	T	T	T	.2	1.7	3.5	5.5	32.0
Nebr.	North Platte	70	3.8	4.8	6.6	1.9	.3	T	0	T	T	1.0	3.0	4.0	25.4
	Omaha	70	6.6	6.7	6.1	.8	.1	T	T	T	T	.5	2.2	5.3	28.3
Nev.	Winnemucca	75	7.7	5.1	4.3	1.5	.5	.1	T	0	T	.5	2.1	6.1	27.9
N. J.	Atlantic City	70	3.9	4.8	2.2	.2	0	0	0	0	0	T	.6	2.7	14.4
N. Mex.	Albuquerque	23	1.8	1.6	1.3	.6	.1	T	T	T	T	T	1.7	1.5	8.6
N. Y.	Albany	69	12.8	13.3	9.2	2.0	.1	T	T	T	0	.1	3.3	9.4	50.2
	New York	69	7.5	9.4	5.5	1.0	0	0	0	0	0	0	1.0	6.1	30.5
	Rochester	69	17.9	18.3	13.0	3.5	.2	0	0	0	T	.3	6.3	14.9	74.4
N. C.	Asheville	51	2.8	3.0	2.2	.3	T	T	0	T	0	.1	.5	2.1	11.0
	Raleigh	67	1.8	2.4	1.1	.2	T	0	T	T	0	T	.2	1.2	6.9
N. Dak.	Bismarck	68	6.0	5.7	7.8	3.1	.8	T	T	T	.1	1.3	4.8	6.0	35.6
Ohio	Cleveland	67	10.6	9.7	6.1	1.8	T	T	0	0	T	.2	4.5	9.3	42.2
Okla.	Oklahoma City	63	2.7	2.0	1.2	.1	T	T	T	0	T	.3	1.5	.7	7.8
Oreg.	Portland	83	5.7	3.0	.7	.1	T	0	0	0	0	.4	2.7	12.6	
Pa.	Harrisburg	65	8.6	9.0	6.1	.7	T	T	0	0	0	.1	1.3	5.6	31.4
	Pittsburgh	69	8.5	7.7	6.1	2.9	T	T	0	T	T	.1	2.3	6.8	34.4
S. C.	Charleston	63	T	.1	T	0	T	T	T	T	0	0	.1	.1	.2
S. Dak.	Huron	72	6.2	5.7	6.4	2.1	.2	T	0	T	0	.6	3.5	5.1	29.8
Tenn.	Nashville	69	2.6	2.5	1.4	.1	T	T	0	T	T	.4	1.4	.4	8.4
Tex.	Amarillo	62	3.6	4.3	2.9	1.1	.2	T	T	T	T	.4	2.2	4.3	19.0
	El Paso	75	1.0	.4	.2	T	T	T	T	T	T	.3	.7	.2	2.6
	Fort Worth	55	1.1	.5	.4	T	T	T	0	T	0	.2	.3	.2	2.5
	Houston	56	.1	T	T	T	T	0	0	0	0	0	.1	.2	
Utah	Salt Lake City	69	12.5	10.5	10.5	3.3	.3	T	T	T	T	.8	5.7	11.5	55.1
Vt.	Burlington	70	14.8	14.5	12.6	3.8	.1	0	T	0	T	.3	6.5	12.1	64.7
Va.	Norfolk	63	2.4	2.7	1.7	T	T	T	0	T	T	.1	1.8	.7	8.7
	Richmond	56	3.4	3.4	2.2	.3	T	T	T	T	0	T	.5	2.7	12.5
Wash.	Seattle	62	5.0	3.2	.9	.1	T	0	0	0	T	.8	1.4	11.4	
	Spokane	69	12.2	8.2	3.1	.3	T	0	0	0	0	.1	4.4	9.9	38.2
W. Va.	Parkersburg	65	6.6	6.2	4.2	.8	T	T	T	0	T	.1	1.9	4.6	24.4
Wis.	Madison	70	9.7	7.9	8.0	1.7	.1	0	0	T	T	.3	3.0	7.5	38.2
Wyo.	Cheyenne	70	5.3	7.8	11.1	11.3	3.6	.4	.4	.2	.6	4.0	5.9	6.0	56.6
Alaska	Juneau	10	17.7	16.1	14.7	4.0	.1	0	0	0	T	.2	10.5	17.2	80.5
T. H.	Honolulu	49	0	T	0	0	0	0	0	0	0	0	0	0	T
P. R.	San Juan	55	0	0	0	0	0	0	0	0	0	0	0	0	0

1 Through 1952.

Source: Department of Commerce, Weather Bureau; records.



## NO. 199.—AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE

[For period of record through 1953]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	<sup>1</sup> 47	51	54	60	67	71	68	59	63	64	70	62	46	61
	Montgomery	43	51	54	61	69	73	72	65	69	68	70	64	48	65
Ariz.	Phoenix	58	76	78	82	87	93	94	83	83	88	84	76	85	
Ark.	Little Rock	60	46	52	57	62	67	72	71	73	71	70	57	47	62
Calif.	Fresno	56	46	63	72	83	89	94	97	97	93	87	73	47	81
	Los Angeles	57	70	69	69	67	65	69	78	80	78	76	79	72	73
	San Francisco	63	53	57	64	70	70	75	68	63	70	70	62	54	65
Colo.	Denver	63	67	67	65	63	61	69	68	68	71	71	67	65	67
D. C.	Washington	60	46	54	56	57	61	63	64	62	62	61	53	46	58
Fla.	Jacksonville	56	58	59	66	71	71	63	62	63	59	59	61	53	62
	Miami	43	65	71	73	73	68	61	65	67	61	61	64	65	66
Ga.	Atlanta	59	48	53	58	65	69	69	62	62	65	67	60	47	60
Idaho	Boise	14	40	48	57	66	66	72	88	84	78	63	41	34	64
Ill.	Chicago	60	44	49	53	57	63	69	73	70	65	61	47	41	59
Ind.	Indianapolis	46	42	46	49	56	62	68	73	68	68	62	49	39	57
Iowa	Des Moines	60	56	56	56	59	62	66	74	70	65	64	53	49	61
Kans.	Wichita	40	61	64	64	64	66	73	79	77	73	69	66	59	69
Ky.	Louisville	53	41	47	52	57	64	69	73	69	68	65	51	39	58
La.	New Orleans	63	49	49	57	63	68	65	58	59	64	69	60	46	59
Maine	Eastport	<sup>1</sup> 59	45	50	52	51	52	54	56	57	55	50	38	40	51
Mass.	Boston	61	47	56	57	56	58	63	64	63	61	58	48	49	57
Mich.	Detroit	63	34	42	48	52	58	65	69	66	61	54	35	20	53
	Sault Ste. Marie	54	28	44	50	54	54	59	63	58	45	37	21	22	47
Minn.	Minneapolis	39	49	54	55	57	60	64	73	69	60	54	40	40	56
Miss.	Vicksburg	60	46	49	57	64	69	73	69	72	73	71	60	44	63
Mo.	Kansas City	63	55	57	59	60	64	70	76	74	69	67	59	52	64
	St. Louis	62	48	48	55	59	64	67	71	68	67	65	54	44	59
Mont.	Helena	60	46	54	58	60	59	62	77	74	63	57	47	43	60
	Miles City	<sup>2</sup> 20	52	61	58	60	67	69	80	73	65	60	52	51	62
Nebr.	North Platte	47	63	63	64	62	64	72	78	75	72	71	62	58	68
	Omaha	54	56	57	57	59	63	68	77	70	67	66	54	50	63
Nev.	Winnemucca	47	54	59	64	70	75	83	90	90	85	75	62	53	73
N. J.	Atlantic City	57	52	58	58	59	62	64	66	66	65	64	58	52	60
N. Mex.	Albuquerque	23	71	71	73	75	79	84	77	76	79	81	78	71	76
N. Y.	Albany	57	41	51	53	53	57	62	63	61	58	54	39	38	53
	New York	60	51	58	58	60	61	64	65	63	63	63	55	52	59
	Rochester	60	31	41	47	53	60	67	70	66	61	50	31	26	50
N. C.	Asheville	51	48	53	56	61	64	63	59	58	61	64	59	48	58
	Raleigh	57	49	54	59	64	67	65	62	61	63	65	62	51	61
N. Dak.	Bismarck	59	52	58	55	57	58	61	73	69	62	59	49	48	58
Ohio	Cleveland	59	29	36	46	52	61	67	71	67	62	53	32	24	50
Okla.	Oklahoma City	56	57	60	63	64	65	74	78	78	74	68	64	57	68
Oreg.	Portland	63	27	33	40	49	52	56	70	64	55	42	28	24	48
Pa.	Harrisburg	55	43	52	55	57	61	65	67	63	62	58	47	43	59
	Pittsburgh	57	32	39	45	50	57	62	64	61	62	54	39	30	51
S. C.	Charleston	57	58	59	65	72	73	69	65	66	76	68	68	56	66
S. Dak.	Huron	56	55	62	60	62	64	69	76	72	66	60	51	49	63
Tenn.	Nashville	57	42	47	54	60	66	69	68	68	68	65	55	42	59
Tex.	Amarillo	48	70	69	74	74	75	81	80	80	77	74	75	69	75
	El Paso	47	73	76	81	85	87	87	78	78	80	82	79	73	80
	Fort Worth	29	56	57	65	66	67	75	78	78	74	70	63	56	68
	Houston	44	49	48	53	57	64	71	69	70	67	67	56	43	59
Utah	Salt Lake City	16	49	54	61	69	73	78	81	83	85	72	53	43	68
Vt.	Burlington	48	34	43	48	47	53	59	62	59	51	43	25	24	46
Va.	Norfolk	54	50	57	60	63	67	66	66	66	63	64	60	51	62
	Richmond	51	48	55	59	62	67	66	66	62	63	63	58	49	61
Wash.	Seattle	58	25	35	43	50	53	53	64	59	51	35	24	22	46
	Spokane	56	27	41	53	63	64	68	82	79	68	53	28	21	58
W. Va.	Parkersburg	56	29	36	42	49	55	60	63	60	59	53	36	29	49
Wis.	Madison	49	43	48	51	53	57	62	70	65	58	54	40	37	54
Wyo.	Cheyenne	57	66	66	65	60	59	68	70	68	69	69	66	63	66
Alaska	Juneau	10	26	31	34	33	34	36	26	31	20	16	21	17	28
T. H.	Honolulu	46	62	64	60	62	64	66	67	70	70	68	63	60	65
P. R.	San Juan	55	64	69	70	65	59	61	64	67	60	63	62	64	64

<sup>1</sup> Through 1952.<sup>2</sup> Through 1942.

Source: Department of Commerce, Weather Bureau; records.

## No. 200.—AVERAGE HOURLY WIND VELOCITY

[For period of record through 1953. True velocities in miles per hour]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala....	Mobile.....	39	10.1	10.2	10.6	10.1	9.4	8.4	8.0	7.5	8.4	8.8	9.5	9.8	9.2
	Montgomery.....	9	7.6	7.7	8.2	7.1	6.2	5.6	5.6	5.1	6.0	5.2	6.3	6.6	6.4
Ariz....	Phoenix.....	8	4.3	4.9	5.7	5.7	5.7	5.5	5.7	5.1	4.8	4.4	4.1	4.1	5.0
Ark....	Little Rock.....	74	8.3	8.8	8.8	8.9	7.6	6.7	6.3	6.0	6.2	6.6	7.7	8.1	7.5
Calif....	Fresno.....	66	5.4	5.8	6.4	7.4	8.4	8.6	7.9	7.3	6.6	5.6	4.9	5.1	6.6
	Los Angeles.....	76	6.4	6.5	6.5	6.4	6.2	6.0	5.8	5.7	5.6	5.7	6.0	6.4	6.1
	San Francisco.....	64	7.4	7.7	8.6	9.7	10.5	11.2	11.5	10.8	9.4	7.8	6.9	7.1	9.1
Colo....	Denver.....	80	7.7	7.7	8.3	8.4	7.8	7.4	7.0	6.7	6.8	7.0	7.3	7.3	7.5
D. C....	Washington.....	22	7.7	8.6	8.8	8.4	6.9	6.3	5.8	5.6	5.8	6.2	7.3	7.3	7.1
Fla....	Jacksonville.....	82	8.8	9.3	9.6	9.5	8.9	8.5	8.3	8.0	8.4	9.0	8.7	8.7	8.8
	Miami.....	11	13.7	13.5	14.5	14.2	12.4	11.2	10.6	10.4	12.3	13.1	12.9	13.1	12.7
Ga....	Atlanta.....	73	11.5	11.9	11.7	10.8	9.3	8.2	7.8	7.4	8.3	9.5	10.6	11.1	9.8
Idaho....	Boise.....	14	9.1	10.0	11.0	10.8	9.9	9.6	9.0	8.8	8.8	9.3	9.2	9.1	9.6
Ill....	Chicago.....	38	11.7	11.7	12.4	12.1	10.5	9.7	8.7	8.7	9.6	10.2	11.8	11.3	10.7
Ind....	Indianapolis.....	71	11.4	11.5	11.9	11.5	10.4	9.4	8.7	8.3	9.1	9.8	11.0	11.0	10.3
Iowa....	Des Moines.....	22	10.5	10.8	11.6	11.4	10.2	9.1	8.3	8.2	9.0	9.4	10.8	10.4	10.0
Kans....	Wichita.....	42	12.5	13.2	14.9	14.7	13.1	12.9	11.5	11.3	12.5	12.3	12.8	12.1	12.8
Ky....	Louisville.....	81	9.9	10.3	10.8	10.0	8.5	7.7	7.0	6.6	7.1	7.8	9.3	8.9	8.7
La....	New Orleans.....	83	8.4	8.7	8.8	8.5	7.6	6.9	6.5	6.5	7.5	7.8	8.0	8.2	7.8
Maine....	Eastport.....	67	13.5	13.3	12.6	11.4	9.7	8.4	7.5	7.4	8.7	10.7	11.9	12.9	10.7
Mass....	Boston.....	18	12.6	13.2	13.2	12.8	11.3	10.9	10.0	9.8	10.6	11.3	12.1	12.4	11.7
Mich....	Detroit.....	72	11.8	11.8	11.7	11.4	10.1	9.4	9.0	8.7	9.5	10.2	11.7	11.7	10.6
	Sault Ste. Marie.....	65	9.0	9.1	9.9	9.8	9.0	7.6	7.2	7.1	7.9	8.9	9.9	9.5	8.7
Minn....	Minneapolis.....	62	11.2	11.4	12.2	12.6	11.8	10.6	9.7	9.7	10.9	11.4	11.5	11.1	11.2
Miss....	Vicksburg.....	74	8.5	8.7	8.9	8.3	7.3	6.7	6.4	6.2	6.7	7.0	7.6	8.2	7.5
Mo....	Kansas City.....	22	10.2	10.7	11.9	11.6	10.0	9.9	8.7	8.5	8.9	9.0	10.6	10.0	10.0
	St. Louis.....	81	11.9	12.0	12.6	12.1	11.0	10.1	9.3	9.0	9.8	10.6	11.8	11.6	11.0
Mont....	Helena.....	74	7.2	7.5	8.3	8.8	8.7	8.5	8.1	7.7	7.8	7.6	7.3	7.2	7.9
	Miles City.....	51	5.6	5.6	6.6	7.6	7.5	6.5	5.8	5.4	5.6	5.6	5.6	5.4	6.1
Nebr....	North Platte.....	79	7.9	8.5	9.9	10.8	9.9	9.0	8.0	7.6	8.2	8.4	8.2	7.8	8.7
	Omaha.....	81	9.7	10.2	10.9	11.0	9.9	9.0	8.0	7.9	8.6	9.0	9.7	9.5	9.5
Nev....	Winnemucca.....	74	8.2	8.6	8.7	8.7	8.0	7.7	7.4	6.9	7.0	7.1	7.6	7.7	7.8
N. J....	Atlantic City.....	32	16.2	16.4	17.0	16.7	15.0	14.0	13.3	13.2	13.9	14.9	15.6	15.5	15.1
N. M....	Albuquerque.....	23	8.0	8.8	10.3	10.6	10.2	9.4	8.6	7.9	7.9	7.8	7.5	7.3	8.7
N. Y....	Albany.....	15	10.0	11.2	10.8	10.6	9.1	8.3	7.4	6.7	7.3	8.2	9.0	9.2	9.0
	New York.....	42	16.5	17.0	17.3	15.9	13.6	12.9	12.1	11.7	12.5	14.0	15.8	16.3	14.6
	Rochester.....	82	10.9	11.0	10.7	10.0	8.8	7.9	7.4	6.9	7.5	8.3	9.8	10.3	9.1
N. C....	Asheville.....	51	9.6	10.0	10.2	9.5	7.7	6.5	6.2	6.1	6.5	7.4	8.9	9.2	8.2
	Raleigh.....	67	7.7	8.3	8.8	8.4	7.1	6.6	6.2	5.9	6.3	6.9	7.2	7.4	7.2
N. Dak....	Bismarck.....	14	10.1	10.3	11.4	12.9	12.5	11.9	9.8	9.9	10.5	10.1	10.6	9.4	10.8
Ohio....	Cleveland.....	51	14.6	14.3	14.3	13.4	11.7	10.7	10.3	10.4	11.5	12.9	14.6	14.3	12.8
Okla....	Oklahoma City.....	5	16.4	15.4	17.4	17.0	15.5	15.8	12.4	11.4	12.7	13.7	14.3	15.1	14.8
Oreg....	Portland.....	82	7.4	7.3	7.2	6.9	6.8	6.6	6.8	6.3	6.2	6.0	6.9	7.4	6.8
Pa....	Harrisburg.....	65	7.8	8.5	8.8	8.5	6.9	6.2	5.8	5.4	5.7	6.3	7.3	7.5	7.1
	Pittsburgh.....	50	11.6	11.8	12.1	11.5	10.0	9.3	8.7	8.4	8.9	9.6	11.3	11.4	10.4
S. C....	Charleston.....	22	9.9	10.7	11.1	10.9	10.3	9.8	9.3	9.4	10.2	10.2	9.9	9.7	10.1
S. Dak....	Huron.....	72	10.8	11.1	12.0	13.1	12.1	11.0	10.0	9.5	11.0	11.0	10.9	10.3	11.1
Tenn....	Nashville.....	45	9.7	9.8	10.5	10.2	8.6	7.7	7.0	6.8	7.2	7.7	9.1	9.2	8.6
Tex....	Amarillo.....	62	11.8	12.6	13.7	14.0	13.1	12.8	11.1	10.7	11.8	11.8	11.6	11.3	12.2
	El Paso.....	75	8.7	9.0	11.3	11.4	10.7	9.5	8.6	7.9	8.0	8.0	8.4	8.6	9.3
	Fort Worth.....	54	10.8	11.4	12.5	12.4	11.2	11.0	9.6	9.3	9.2	9.5	10.3	10.3	10.6
	Houston.....	44	10.6	10.9	11.6	11.6	10.6	9.5	8.4	8.4	8.8	9.5	10.4	10.3	10.1
Utah....	Salt Lake City.....	24	7.5	8.0	9.1	9.3	9.5	9.4	9.5	9.7	9.1	8.6	7.7	7.5	8.7
Vt....	Burlington.....	48	11.8	10.9	11.0	10.6	9.6	8.7	8.2	8.2	9.1	10.3	11.7	11.4	10.1
Va....	Norfolk.....	41	11.9	12.1	12.8	12.2	10.9	10.2	9.7	9.5	10.1	10.7	11.3	11.4	11.1
	Richmond.....	56	8.2	8.5	9.2	8.7	7.3	6.7	6.5	6.2	6.4	6.9	7.5	7.7	7.5
Wash....	Seattle.....	21	10.2	9.7	10.1	9.3	8.9	8.4	7.9	7.3	7.5	8.4	9.4	10.5	9.0
	Spokane.....	73	6.4	6.5	7.4	7.5	7.4	7.3	6.8	6.2	6.2	6.0	6.2	6.4	6.7
W. Va....	Parkersburg.....	65	7.3	7.7	7.9	7.4	6.0	5.5	5.2	4.9	5.1	5.6	6.7	6.8	6.3
Wis....	Madison.....	7	11.9	11.9	13.4	12.0	11.1	10.2	9.0	8.1	9.8	10.2	12.1	11.3	11.0
Wyo....	Cheyenne.....	82	13.9	13.4	13.4	12.4	11.2	10.1	9.0	8.6	9.5	10.6	12.1	13.0	11.4
Alaska....	Juneau.....	10	8.8	8.1	9.1	8.9	7.4	7.2	7.1	7.2	8.0	9.3	8.1	9.0	8.2
T. H....	Honolulu.....	22	9.3	9.0	9.7	10.3	9.9	9.8	10.0	9.9	9.1	8.7	9.0	9.3	9.5
P. R....	San Juan.....	54	12.4	11.8	12.5	12.0	11.2	12.0	13.3	12.0	9.5	8.3	9.8	11.7	11.4

<sup>1</sup> Through 1952.<sup>2</sup> Through 1942.

Source: Department of Commerce, Weather Bureau; records.



## No. 201.—NORMAL MONTHLY AND ANNUAL DEGREE DAYS, 65° BASE

[Based on standard 1921 to 1950 period]

STATION		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	412	290	209	40	0	0	0	0	0	23	198	357	1,529
	Montgomery	483	360	265	66	0	0	0	0	0	55	267	458	1,954
Ariz.	Phoenix	425	275	175	62	0	0	0	0	0	13	182	360	1,492
Ark.	Little Rock	719	543	401	122	18	0	0	0	10	110	405	654	2,982
Calif.	Fresno	629	400	304	145	43	0	0	0	0	86	345	580	2,532
	Los Angeles	328	244	212	129	68	19	0	0	17	41	140	253	1,451
	San Francisco	462	336	317	279	248	180	189	177	110	128	237	406	3,069
Colo.	Denver	1,042	854	797	492	266	60	0	5	103	385	711	958	5,673
D. C.	Washington	884	770	606	314	80	0	0	0	32	231	510	831	4,258
Fla.	Jacksonville	303	226	154	14	0	0	0	0	0	11	129	276	1,113
	Miami	57	48	15	0	0	0	0	0	0	0	5	48	173
Ga.	Atlanta	632	515	392	135	24	0	0	0	8	107	387	611	2,811
Idaho	Boise	1,169	868	719	453	249	92	0	0	135	389	762	1,054	5,890
Ill.	Chicago	1,243	1,053	868	507	229	58	0	0	90	350	765	1,147	6,310
Ind.	Indianapolis	1,051	893	725	375	140	16	0	0	59	247	642	986	5,134
Iowa	Des Moines	1,308	1,072	849	425	183	41	0	6	89	346	777	1,178	6,274
Kans.	Wichita	1,023	778	619	280	101	7	0	0	32	219	597	915	4,571
Ky.	Louisville	911	762	605	270	86	0	0	0	41	206	549	849	4,279
La.	New Orleans	341	223	163	19	0	0	0	0	0	5	141	283	1,175
Maine	Eastport	1,333	1,201	1,063	774	524	288	141	136	261	521	798	1,206	8,246
Mass.	Boston	1,113	1,002	849	534	236	42	0	7	77	315	618	998	5,791
Mich.	Detroit	1,203	1,072	927	558	251	60	0	8	96	381	747	1,101	6,404
	Sault Ste. Marie	1,587	1,442	1,302	846	499	224	109	126	298	639	1,005	1,398	9,475
Minn.	Minneapolis	1,562	1,310	1,057	570	259	80	8	17	157	459	960	1,414	7,853
Miss.	Vicksburg	507	374	273	71	0	0	0	0	0	51	268	456	2,000
Mo.	Kansas City	1,085	851	666	292	111	8	0	0	44	240	621	970	4,888
	St. Louis	983	792	620	270	94	7	0	0	38	202	570	893	4,469
Mont.	Helena	1,438	1,114	992	660	427	225	51	78	359	598	969	1,215	8,126
	Miles City	1,516	1,257	1,048	570	285	106	6	11	187	525	966	1,373	7,850
Nebr.	North Platte	1,271	1,016	887	489	243	59	7	11	120	425	846	1,172	6,546
	Omaha	1,302	1,058	831	389	175	32	0	5	88	331	783	1,166	6,160
Nev.	Winnemucca	1,153	854	794	546	299	111	0	17	180	508	822	1,085	6,369
N. J.	Atlantic City	905	829	729	468	189	24	0	0	29	230	507	831	4,741
N. Mex.	Albuquerque	970	714	589	289	70	0	0	0	10	218	630	899	4,389
N. Y.	Albany	1,234	1,103	905	531	202	31	0	6	98	388	708	1,113	6,319
	New York	995	904	753	456	153	18	0	0	39	263	561	908	5,050
	Rochester	1,249	1,148	992	615	289	54	9	34	133	440	759	1,141	6,863
N. C.	Asheville	794	678	572	285	105	5	0	0	50	262	552	769	4,072
	Raleigh	691	577	440	172	29	0	0	0	10	118	387	651	3,075
N. Dak.	Bismarck	1,730	1,464	1,187	657	355	116	29	37	227	598	1,098	1,535	9,033
Ohio	Cleveland	1,101	977	846	510	223	49	0	9	60	311	636	995	5,717
Okla.	Okla. City	843	630	472	169	38	0	0	0	12	149	459	747	3,519
Oreg.	Portland	791	594	515	347	199	70	13	14	85	280	534	701	4,143
Pa.	Harrisburg	1,051	921	750	423	128	14	0	0	69	308	630	964	5,258
	Pittsburgh	992	879	735	402	137	13	0	0	56	298	612	924	5,048
S. C.	Charleston	445	363	260	43	0	0	0	0	0	34	214	410	1,769
S. Dak.	Huron	1,597	1,327	1,032	558	279	80	10	16	149	472	975	1,407	7,902
Tenn.	Nashville	778	636	498	186	43	0	0	0	22	154	471	725	3,513
Tex.	Amarillo	921	711	586	298	99	0	0	0	37	240	594	859	4,345
	El Paso	670	445	330	110	0	0	0	0	0	70	390	626	2,641
	Fort Worth	622	446	308	90	5	0	0	0	0	58	299	533	2,361
	Houston	378	240	166	27	0	0	0	0	0	0	162	303	1,276
Utah	Salt Lake City	1,119	857	701	414	208	64	0	0	61	330	714	995	5,463
Vt.	Burlington	1,460	1,313	1,107	681	307	72	19	47	172	521	858	1,308	7,865
Va.	Norfolk	679	602	464	220	41	0	0	0	5	118	354	636	3,119
	Richmond	787	675	529	254	57	0	0	0	31	181	456	750	3,720
Wash.	Seattle	753	602	558	396	246	107	49	45	134	329	540	679	4,438
	Spokane	1,243	988	834	561	330	146	17	28	205	508	879	1,113	6,852
W. Va.	Parkersburg	949	826	672	347	119	13	0	0	56	272	600	896	4,750
Wis.	Madison	1,417	1,207	1,011	573	266	79	10	30	137	419	864	1,287	7,300
Wyo.	Cheyenne	1,225	1,044	1,029	717	462	173	33	39	241	577	897	1,125	7,562
Alaska	Juneau	1,101	983	949	738	533	315	279	282	426	651	864	1,066	8,187
T. H.	Honolulu	0	0	0	0	0	0	0	0	0	0	0	0	0
P. R.	San Juan	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Department of Commerce, Weather Bureau; records.

[For period of record through 1953. Eastern standard time. Hours selected to give, for

STATION		Length of rec- ord (yrs.) <sup>1</sup>	JAN.		FEB.		MAR.		APR.		MAY		JUNE	
			7:30	1:30	7:30	1:30	7:30	1:30	7:30	1:30	7:30	1:30	7:30	1:30
			a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	a. m.	p. m.	a. m.	p. m.
Ala.	Mobile	14	88	63	87	60	87	59	87	57	87	54	88	60
	Montgomery	66	83	61	82	58	80	54	79	52	79	51	81	53
Ariz.	Phoenix	58	70	40	68	39	61	31	51	24	42	18	37	17
Ark.	Little Rock	66	80	65	79	61	77	55	77	53	81	56	82	56
Calif.	Fresno	66	91	73	87	64	86	55	80	44	71	36	61	31
	Los Angeles	61	65	45	72	49	76	48	81	52	84	55	87	56
	San Francisco	52	85	68	84	66	83	61	83	62	85	64	88	65
Colo.	Denver	23	58	42	61	43	63	40	67	39	70	39	66	33
D. C.	Washington	66	73	56	70	52	72	48	68	45	73	48	75	52
Fla.	Jacksonville	17	89	56	86	52	85	50	84	47	81	47	84	54
	Miami	14	87	60	87	55	84	55	81	55	79	57	82	62
Ga.	Atlanta	66	80	64	78	61	77	55	74	51	75	51	78	53
Idaho	Boise	14	83	75	83	72	78	57	73	48	73	47	72	44
Ill.	Chicago	35	81	71	79	68	78	63	75	58	75	58	77	59
Ind.	Indianapolis	52	83	68	80	64	78	59	72	53	72	50	73	51
Iowa	Des Moines	14	78	70	81	70	83	66	80	55	81	57	85	62
Kans.	Wichita	65	78	63	77	57	76	53	75	52	79	55	79	53
Ky.	Louisville	66	77	68	77	63	75	58	72	54	73	53	75	54
La.	New Orleans	65	85	67	84	64	84	61	83	59	82	59	82	60
Maine	Eastport	<sup>2</sup> 65	74	72	74	70	75	69	77	71	79	71	82	75
Mass.	Boston	63	72	59	69	58	69	54	67	53	69	56	70	56
Mich.	Detroit	65	81	72	79	68	80	63	75	53	73	54	74	54
	Sault Ste. Marie	65	78	75	77	71	79	69	78	61	77	58	81	62
Minn.	Minneapolis	20	76	67	76	66	78	61	76	52	75	49	78	55
Miss.	Vicksburg	63	82	65	80	63	79	57	82	57	84	59	85	59
Mo.	Kansas City	65	78	64	78	60	76	55	74	53	76	54	78	55
	St. Louis	65	77	65	76	62	76	56	73	54	74	54	75	54
Mont.	Helena	66	68	64	70	62	69	55	69	48	71	45	70	45
	Miles City	<sup>3</sup> 51	84	73	84	69	83	57	78	47	75	40	76	42
Nebr.	North Platte	14	84	61	86	62	85	56	82	51	85	50	86	53
	Omaha	65	80	66	76	63	77	58	74	52	76	53	78	55
Nev.	Winnemucca	65	84	66	82	60	77	46	70	37	68	31	61	28
N. J.	Atlantic City	66	79	68	77	68	77	66	76	65	78	69	80	71
N. Mex.	Albuquerque	23	70	49	65	42	58	33	54	28	52	26	47	24
N. Y.	Albany	16	75	63	73	60	76	56	73	50	74	51	75	52
	New York	65	72	63	70	60	70	57	68	55	71	58	74	58
	Rochester	13	81	72	80	68	81	63	78	55	78	54	77	52
N. C.	Asheville	45	82	59	80	55	79	52	77	47	80	48	85	52
	Raleigh	13	83	58	78	52	79	49	77	45	80	49	82	52
N. Dak.	Bismarck	53	73	67	76	66	78	64	79	51	76	47	80	52
Ohio	Cleveland	65	80	73	80	70	78	62	74	54	73	54	75	54
Okla.	Oklahoma City	63	79	62	78	57	76	51	76	50	82	57	82	55
Oreg.	Portland	13	87	81	88	81	87	68	88	66	88	66	87	65
Pa.	Harrisburg	65	74	61	71	56	71	53	67	50	73	52	73	53
	Pittsburgh	65	77	67	76	64	74	57	72	50	73	51	75	53
S. C.	Charleston	13	87	56	85	51	84	51	84	49	83	52	86	59
S. Dak.	Huron	65	76	71	77	73	80	71	80	55	79	53	82	58
Tenn.	Nashville	66	84	66	80	62	78	56	75	51	78	52	79	52
Tex.	Amarillo	62	73	52	74	48	70	41	71	41	76	46	76	43
	El Paso	65	61	40	54	34	46	27	40	22	29	21	43	23
	Fort Worth	55	78	61	77	59	73	52	78	53	82	56	80	52
	Houston	44	85	66	85	63	85	59	87	59	89	59	88	58
Utah	Salt Lake City	20	81	71	79	64	75	53	70	43	67	37	63	32
Vt.	Burlington	12	82	69	80	66	79	63	75	55	74	55	75	55
Va.	Norfolk	66	79	61	77	56	77	55	74	52	76	55	79	58
	Richmond	56	84	60	78	57	77	53	74	50	76	52	78	54
Wash.	Seattle	14	86	80	87	79	86	70	86	64	86	62	87	63
	Spokane	64	85	79	84	75	81	64	75	49	74	50	72	46
W. Va.	Parkersburg	60	82	66	81	63	79	56	74	49	74	51	78	56
Wis.	Madison	23	80	71	79	69	81	65	78	54	78	55	80	57
Wyo.	Cheyenne	65	57	49	62	48	66	49	72	48	75	48	72	43
Alaska	Juneau	10	80	80	81	80	83	77	86	73	89	72	87	72
T. H.	Honolulu <sup>4</sup>	6	81	80	79	79	77	76	75	72	76	70	74	69
P. R.	San Juan	54	81	72	80	71	77	70	76	73	77	76	77	77

<sup>1</sup> Length of record is for morning observation.<sup>2</sup> Through 1952.<sup>3</sup> Through 1942.<sup>4</sup> Hours 8 a. m. and 2 p. m., 150th meridian time.



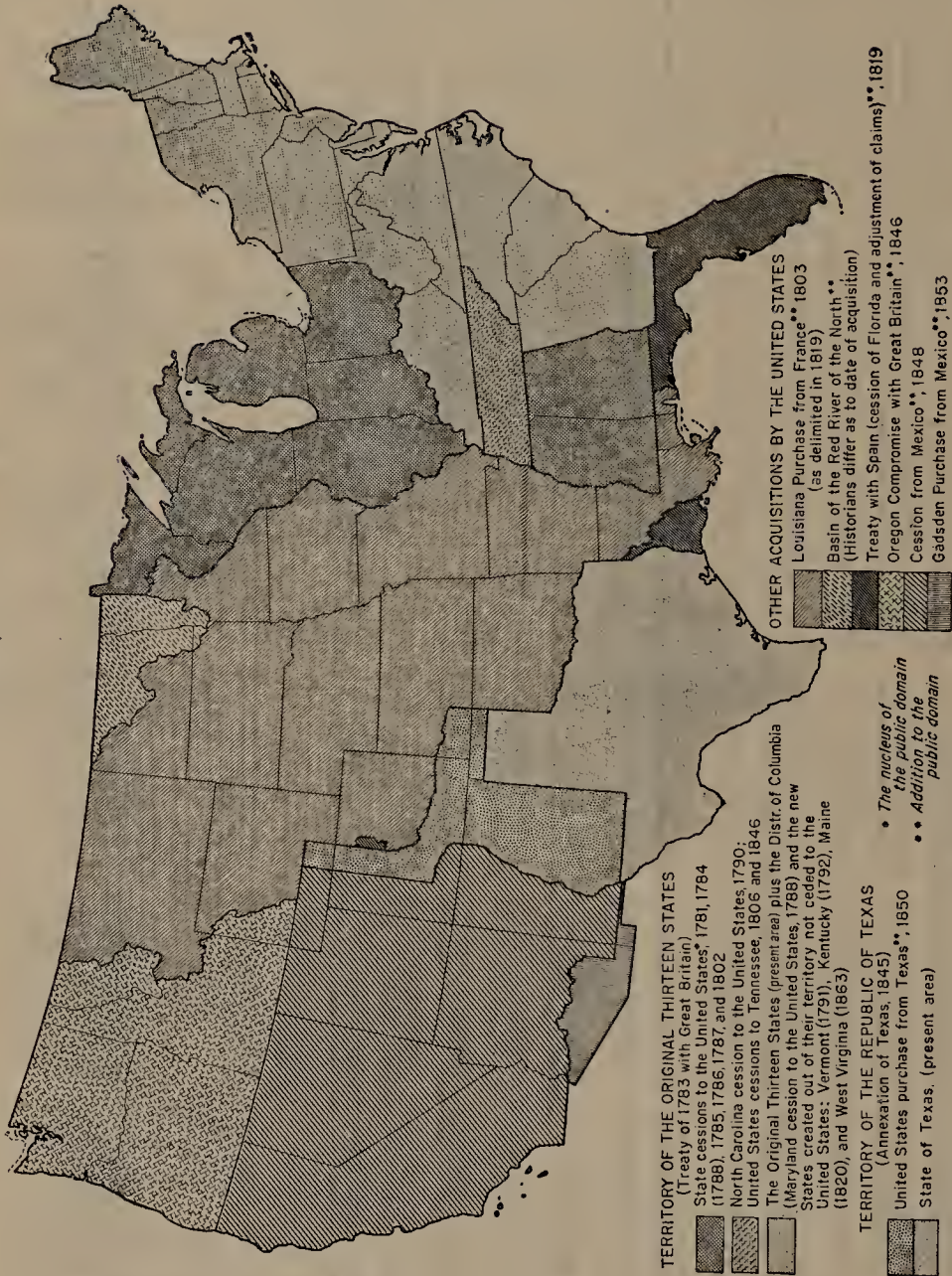
## RELATIVE HUMIDITY

most of country, approximation of average highest and average lowest humidity values]

JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		ANNUAL		STATION
7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	7:30 a. m.	1:30 p. m.	
90	65	91	61	90	61	87	53	85	55	81	64	87	59	Ala.... Mobile.
85	58	87	58	85	54	84	50	83	53	84	61	83	55	Montgomery.
52	29	60	34	56	30	57	28	64	32	69	41	57	30	Ariz.... Phoenix.
83	55	85	54	85	54	83	52	80	57	81	64	81	57	Ark.... Little Rock.
52	28	56	30	64	35	74	42	81	55	90	73	74	47	Calif... Fresno.
87	52	87	52	81	50	74	47	60	38	61	44	76	49	Los Angeles.
91	71	92	72	88	65	85	60	83	61	83	69	86	65	San Francisco.
64	31	66	32	62	33	60	34	59	38	58	40	63	37	Colo.... Denver.
78	53	80	53	81	53	80	50	77	51	74	55	75	51	D. C.... Washington.
85	57	89	60	90	62	90	57	89	55	89	59	87	55	Fla.... Jacksonville.
83	64	86	63	88	66	89	64	87	61	88	61	85	60	Miami.
83	57	85	58	82	55	79	53	78	55	82	64	79	56	Ga.... Atlanta.
54	34	51	33	59	39	68	48	81	68	85	77	72	54	Idaho... Boise.
76	56	80	57	81	57	79	56	78	63	81	70	78	61	Ill.... Chicago.
72	48	77	52	79	53	79	53	79	62	81	69	77	57	Ind.... Indianapolis.
84	56	88	59	84	54	80	52	81	63	80	70	82	61	Iowa... Des Moines.
78	48	78	47	79	49	76	51	77	56	79	64	78	54	Kans... Wichita.
77	52	81	54	81	53	80	52	77	60	78	63	77	57	Ky.... Louisville.
84	64	85	63	84	62	82	58	83	60	85	67	84	62	La.... New Orleans.
85	77	85	76	84	75	81	72	80	75	77	73	79	73	Maine... Eastport.
72	55	73	56	76	56	75	54	72	57	72	56	71	56	Mass... Boston.
73	51	78	52	81	54	81	55	81	64	81	71	78	59	Mich... Detroit.
84	61	87	62	89	67	87	68	85	76	81	77	82	67	Sault Ste. Marie.
79	51	82	52	83	54	78	54	80	66	79	70	78	58	Minn... Minneapolis.
87	61	88	59	87	57	84	55	83	55	82	64	84	59	Miss... Vicksburg.
76	50	78	51	79	51	76	51	75	57	78	64	77	55	Mo.... Kansas City.
73	50	77	53	79	54	76	52	75	59	77	65	76	57	St. Louis.
64	37	63	39	69	46	70	53	70	62	70	66	69	52	Mont... Helena.
70	35	70	36	76	42	80	48	82	59	83	67	78	51	Miles City.
84	51	87	52	85	47	84	46	84	54	85	63	85	54	Nebr... North Platte.
76	51	80	54	80	52	77	50	77	59	78	66	77	57	Omaha.
47	20	47	20	55	26	67	36	75	50	82	65	68	40	Nev.... Winnemucca.
81	72	81	71	81	70	80	64	79	65	79	67	79	68	N. J.... Atlantic City.
61	33	67	37	63	37	64	36	63	39	70	49	61	36	N. Mex Albuquerque.
79	52	84	53	87	55	86	54	81	62	77	64	78	56	N. Y... Albany.
75	58	78	60	78	60	75	58	73	60	72	61	73	59	New York.
80	50	83	52	86	54	86	56	83	66	81	69	81	59	Rochester.
88	56	91	58	90	55	87	50	82	51	82	59	84	54	N. C... Asheville.
86	56	90	57	90	56	89	52	84	50	83	56	83	53	Raleigh.
80	47	81	45	81	48	81	51	79	66	76	68	78	56	N. Dak Bismarck.
74	52	77	52	78	53	77	54	77	64	79	71	77	59	Ohio... Cleveland.
80	49	80	48	81	51	79	58	78	55	79	60	79	54	Okla... Oklahoma City.
85	62	87	65	89	66	92	80	90	83	88	84	88	72	Oreg... Portland.
75	52	78	53	81	53	79	53	75	55	74	59	74	54	Pa.... Harrisburg.
77	53	80	52	81	50	80	52	77	60	77	66	77	56	Pittsburgh.
89	65	91	63	91	62	90	56	88	52	87	57	87	56	S. C... Charleston.
81	52	83	53	82	51	81	52	80	66	78	74	80	61	S. Dak... Huron.
81	54	84	54	85	52	84	51	81	58	82	65	81	56	Tenn... Nashville.
76	41	77	43	78	45	76	46	73	46	75	51	75	45	Tex.... Amarillo.
60	34	64	37	62	37	59	35	59	35	62	41	54	32	El Paso.
78	48	77	46	78	49	78	51	76	55	77	59	78	53	Fort Worth.
90	58	90	56	89	58	87	54	84	57	85	65	87	59	Houston.
55	28	55	28	59	31	70	42	78	58	82	70	70	46	Utah... Salt Lake City.
77	54	80	55	83	59	83	59	82	68	82	69	79	61	Vt.... Burlington.
81	61	83	62	82	62	81	60	80	56	79	59	79	58	Va.... Norfolk.
81	57	84	57	85	56	84	53	81	53	82	59	80	55	Richmond.
86	63	88	67	91	72	92	80	90	83	88	84	88	72	Wash... Seattle.
63	38	63	40	72	47	81	65	86	80	87	83	77	60	Spokane.
80	52	83	57	84	51	84	52	81	57	81	64	80	56	W. Va. Parkersburg.
79	52	84	54	86	57	83	56	83	66	81	72	81	61	Wis.... Madison.
70	36	70	36	67	38	65	40	60	44	59	47	66	44	Wyo... Cheyenne.
88	79	90	81	91	86	88	86	86	86	84	83	86	80	Alaska Juneau.
74	69	75	71	75	71	75	72	77	75	77	76	76	73	T. H... Honolulu.
78	77	78	76	79	75	80	75	81	74	81	73	79	74	P. R... San Juan.

Source: Department of Commerce, Weather Bureau; records.

Fig. XV.—ACQUISITION OF THE TERRITORY OF CONTINENTAL UNITED STATES AND ORIGIN OF THE PUBLIC DOMAIN  
[See table 204]



Source: Department of Interior, Bureau of Land Management.



## 7. Public Lands and National Parks

Statistics relating to the public domain and the national parks appear principally in two reports of the U. S. Department of the Interior: The *Annual Report of the Director*, Bureau of Land Management; and the *Annual Report of the Secretary*, National Park Service. The Agricultural Research Service of the Department of Agriculture also compiles and issues statistics on land use and land ownership. Statistics on Indian lands are presented annually in the *Statistical Supplement to the Annual Report of the Commissioner of Indian Affairs*, Bureau of Indian Affairs.

Sovereignty over its present continental land area was acquired by the United States Government through a series of international agreements and treaties. The United States, however, did not gain title to all of these lands by such agreements.

**Original public domain.**—At the time of acquisition of United States sovereignty over the areas involved (now 1,905 million acres) title to about 463 million acres rested in individual States and their political subdivisions or in private owners, which title was not relinquished to the Federal Government. Title to the remaining 1,442 million acres of land area passed to the United States Government and with the exception of lands in the District of Columbia is known as the original public domain.

**Acquired lands.**—In addition to the original public domain, the United States Government has from time to time acquired, by purchase, condemnation, and gift, tracts of land needed for various public purposes. Such lands are often referred to as acquired lands, to distinguish them from public-domain lands. Complete statistics are not available as to the extent of such acquisitions.

**Public-domain lands.**—Public-domain lands or public lands, as used here, refer to those Federally owned lands to which the general body of public land laws apply. (See title 43, Code of Federal Regulations.) In general, these lands include that portion of the original public domain not disposed of under the public land laws, and certain other lands declared by the Congress specifically to be public lands. As a general rule, acquired lands, as defined above, are excluded.

**Indian lands.**—Indian lands refer to that portion of the public-domain lands that was ceded to the United States by Indian tribes on condition that part or all of the proceeds from their sale or other disposition would be earmarked into the Treasury in trust for the Indians.

**Entries, selections, patents, and certifications.**—The data on entries, selections, patents, and certifications refer to transactions which involve the disposal, under the public land laws (including the homestead laws), of Federal public lands to non-Federal owners. In general, original entries and selections are applications to secure title to public lands which have been accepted as properly filed. Some types of applications, however, are not reported until the final certificate is issued. Applications become final entries (perfected entries) upon issuance of a final certificate which is given to the applicant after he has complied fully with the requirements of the laws relating to his application. These requirements may include, in particular cases, settlement upon and improvement of the lands entered, or payment of statutory fees or purchase money. A final certificate passes equitable title to the land to the applicant. Patents are instruments which pass legal title to the land to the applicant. Certifications are issued in lieu of patents in connection with certain State selections.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series F 1-7") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

Note.—This section presents data for the most recent year or period available on February 15, 1955, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

# NO. 203.—LANDS IN FEDERAL OWNERSHIP—ACREAGE, BY REGIONS, DIVISIONS, AND STATES: 1950

REGION, DIVISION, AND STATE	Total land area <sup>1</sup>	LAND AREA UNDER FEDERAL OWNERSHIP					
		Total	Percent of total area	Administering agency			
				Dept. of Interior	Dept. of Agriculture	Dept. of Defense	Other
<b>United States</b> -----	<b>1,903,824,640</b>	<b>2 455,632,173</b>	<b>23.93</b>	<b>264,385,194</b>	<b>167,997,660</b>	<b>21,458,455</b>	<b>2 1,790,864</b>
<b>Regions:</b>							
Northeast-----	104,748,800	2,161,883	2.06	220,840	1,513,920	375,999	51,124
North Central-----	483,527,040	24,055,536	4.98	10,279,269	12,032,417	1,613,537	130,313
South-----	562,181,120	26,226,064	4.67	6,704,769	13,442,805	5,145,814	932,676
West-----	753,367,680	403,181,140	53.52	247,180,316	141,008,518	14,323,105	669,201
<b>New England</b> -----	<b>40,421,760</b>	<b>1,127,930</b>	<b>2.79</b>	<b>62,134</b>	<b>970,713</b>	<b>86,901</b>	<b>8,182</b>
Maine-----	19,865,600	134,247	.68	50,673	67,019	13,247	3,308
New Hampshire-----	5,770,880	683,072	11.84	40	670,009	12,975	48
Vermont-----	5,937,920	226,020	3.81	1,806	209,579	13,550	1,085
Massachusetts-----	5,034,880	52,034	1.03	9,586	1,651	38,467	2,330
Rhode Island-----	677,120	18,863	2.79	28	10,722	7,613	500
Connecticut-----	3,135,360	13,694	.44	1	11,733	1,049	911
<b>Middle Atlantic</b> -----	<b>64,327,040</b>	<b>1,033,953</b>	<b>1.61</b>	<b>158,706</b>	<b>543,207</b>	<b>289,098</b>	<b>42,942</b>
New York-----	30,684,160	354,135	1.15	141,382	32,695	155,236	24,822
New Jersey-----	4,814,080	95,802	1.99	13,090		78,595	4,117
Pennsylvania-----	28,828,800	584,016	2.03	4,234	510,512	55,267	14,003
<b>East North Central</b> -----	<b>156,714,880</b>	<b>6,086,410</b>	<b>3.88</b>	<b>946,494</b>	<b>4,476,417</b>	<b>612,616</b>	<b>50,883</b>
Ohio-----	26,240,000	251,166	.96	153	134,719	105,504	10,790
Indiana-----	23,171,200	341,425	1.47	154	125,432	208,678	7,161
Illinois-----	35,798,400	450,423	1.26	51,487	219,567	158,796	20,573
Michigan-----	36,494,080	2,801,373	7.68	270,489	2,480,887	42,268	7,729
Wisconsin-----	35,011,200	2,242,023	6.40	624,211	1,515,812	97,370	4,630
<b>West North Central</b> -----	<b>326,812,160</b>	<b>17,969,126</b>	<b>5.50</b>	<b>9,332,775</b>	<b>7,556,000</b>	<b>1,000,921</b>	<b>79,430</b>
Minnesota-----	51,205,760	3,828,705	7.48	1,160,990	2,658,244	2,949	6,522
Iowa-----	35,868,800	106,916	.30	28,467	6,659	70,547	1,243
Missouri-----	44,304,640	1,646,330	3.72	40,898	1,359,466	212,602	33,364
North Dakota-----	44,836,480	2,681,321	5.98	1,450,851	1,085,057	144,996	417
South Dakota-----	48,983,040	8,643,709	17.65	6,336,673	2,000,640	295,693	10,703
Nebraska-----	49,064,320	739,991	1.51	264,052	343,197	110,743	21,999
Kansas-----	52,549,120	322,154	.61	50,844	102,737	163,391	5,182
<b>South Atlantic</b> -----	<b>171,545,600</b>	<b>10,836,800</b>	<b>6.32</b>	<b>1,986,942</b>	<b>6,438,888</b>	<b>2,209,300</b>	<b>201,670</b>
Delaware-----	1,265,920	46,080	3.17	14,022	5,073	20,689	296
Maryland-----	6,323,840	215,976	3.42	30,178	44,850	127,244	13,704
Dist. of Columbia-----	39,040	3 7,267	18.61	6,867	400		
Virginia-----	25,531,520	2,074,130	8.12	262,957	1,481,841	321,391	7,941
West Virginia-----	15,411,200	947,108	6.15	182	918,870	26,290	1,766
North Carolina-----	31,422,080	1,930,911	6.15	441,926	1,147,771	258,255	82,959
South Carolina-----	19,395,200	952,124	4.91	130,457	641,239	127,685	52,743
Georgia-----	37,429,120	1,840,554	4.92	386,659	822,075	622,698	9,122
Florida-----	34,727,680	2,828,650	8.15	713,694	1,376,769	705,048	33,139
<b>East South Central</b> -----	<b>115,191,680</b>	<b>4,782,658</b>	<b>4.15</b>	<b>481,508</b>	<b>2,907,073</b>	<b>878,050</b>	<b>516,027</b>
Kentucky-----	25,512,960	989,311	3.88	115,357	483,807	364,139	26,008
Tennessee-----	26,750,080	1,346,979	5.04	251,384	649,861	126,653	319,171
Alabama-----	32,689,920	965,897	2.95	28,455	631,560	180,087	125,795
Mississippi-----	30,238,720	1,480,471	4.90	86,312	1,141,845	207,261	45,053
<b>West South Central</b> -----	<b>275,443,840</b>	<b>10,606,606</b>	<b>3.85</b>	<b>4,236,319</b>	<b>4,096,844</b>	<b>2,053,464</b>	<b>214,979</b>
Arkansas-----	33,712,000	3,049,466	9.05	258,971	2,438,245	328,294	23,956
Louisiana-----	28,903,680	1,064,384	3.68	231,267	591,210	233,353	8,554
Oklahoma-----	44,179,840	3,769,427	8.53	2,970,275	278,155	484,485	36,512
Texas-----	168,648,320	2,723,329	1.61	775,806	789,234	1,012,332	145,957
<b>Mountain</b> -----	<b>548,669,440</b>	<b>309,035,659</b>	<b>56.32</b>	<b>200,557,648</b>	<b>96,553,594</b>	<b>11,539,371</b>	<b>385,046</b>
Montana-----	93,361,920	34,306,634	36.75	15,154,887	18,484,051	593,099	74,597
Idaho-----	52,972,160	34,444,117	65.02	13,083,537	20,407,663	916,407	36,510
Wyoming-----	62,403,840	32,723,177	52.44	23,067,754	9,149,705	501,238	4,480
Colorado-----	66,510,080	25,093,890	37.73	10,396,507	14,331,842	240,873	124,668
New Mexico-----	77,767,040	34,792,564	44.74	23,614,242	9,730,351	1,340,497	107,474
Arizona-----	72,688,000	50,748,892	69.82	37,048,197	11,487,729	2,205,124	7,842
Utah-----	52,701,440	37,918,725	71.95	27,826,638	7,909,204	2,174,621	8,262
Nevada-----	70,264,960	59,007,660	83.98	50,365,886	5,053,049	3,567,512	21,213
<b>Pacific</b> -----	<b>204,698,240</b>	<b>94,145,481</b>	<b>45.99</b>	<b>46,622,668</b>	<b>44,454,924</b>	<b>2,783,734</b>	<b>284,155</b>
Washington-----	42,743,040	15,381,068	35.98	5,286,893	9,680,453	175,137	238,585
Oregon-----	61,641,600	32,771,572	53.16	17,719,988	14,891,494	147,444	12,646
California-----	100,313,600	45,992,841	45.85	23,615,787	19,882,977	2,461,153	32,924

<sup>1</sup> Recomputed for the 1950 Decennial Census.

<sup>2</sup> Includes 7,550 acres not allocated by State.

<sup>3</sup> Data incomplete.

Source: Department of Agriculture, Agricultural Research Service; BAE Circular No. 909.



# No. 204.—ACQUISITION AND EXTENT OF PUBLIC DOMAIN, CONTINENTAL UNITED STATES: 1781 TO 1950

[Areas are as computed in 1912, hence do not agree with figures (in square miles) shown in table 1, which includes later adjustments and reflects subsequent remeasurement. See also *Historical Statistics*, series F 1-7]---

ITEM	ACQUISITION OF THE ORIGINAL PUBLIC DOMAIN			Estimated area of the public domain (selected years) <sup>1</sup>
	Total area	Land area	Water area	
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Aggregate .....	1, 462, 466, 560	1, 442, 200, 320	20, 266, 240	-----
1950, estimate of public domain .....	-----	-----	-----	412, 000, 000
1946, estimate of public domain .....	-----	-----	-----	413, 000, 000
1912, estimate of public domain .....	-----	-----	-----	600, 000, 000
1880, estimate of public domain .....	-----	-----	-----	900, 000, 000
1853, Gadsden Purchase .....	18, 988, 800	18, 961, 920	26, 880	-----
1850, estimate of public domain .....	-----	-----	-----	1, 200, 000, 000
1850, Purchase from Texas .....	78, 926, 720	78, 842, 880	83, 840	-----
1848, Mexican Cession <sup>2</sup> .....	338, 680, 960	334, 479, 360	4, 201, 600	-----
1846, Oregon Compromise .....	183, 386, 240	180, 644, 480	2, 741, 760	-----
1819, Cession from Spain .....	46, 144, 640	43, 342, 720	2, 801, 920	-----
Red River Basin <sup>4</sup> .....	29, 601, 920	29, 066, 880	535, 040	-----
1803, Louisiana Purchase <sup>3</sup> .....	529, 911, 680	523, 446, 400	6, 465, 280	-----
1802, estimate of public domain .....	-----	-----	-----	200, 000, 000
1781-1802 (State Cessions) .....	236, 825, 600	233, 415, 680	3, 409, 920	-----

<sup>1</sup> Estimated from imperfect data available for indicated years.

<sup>2</sup> Data for Louisiana Purchase exclude area eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession.

<sup>3</sup> Includes 33,920 acres subsequently recognized as part of State of Texas which is not a public domain State.

<sup>4</sup> Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and exact date of its acquisition. Some hold it as part of Louisiana Purchase, others maintain it was acquired from Great Britain.

Source: Department of Interior. Estimated area, Bureau of Land Management; all other data, Office of the Secretary, *Areas of Acquisitions to the Territory of the U. S.*, 1922.

## No. 205.—DISPOSAL OF PUBLIC LANDS: 1861 TO 1954

[For years ending June 30. Data include Alaska except where noted. Period figures are totals, not averages. See also *Historical Statistics*, series F 8-16]

PERIOD OR YEAR	Cash receipts of Bureau of Land Management <sup>1</sup>	Land granted to States <sup>2</sup>	ALL ENTRIES, SELECTIONS, PATENTS, ETC. <sup>3</sup>			HOMESTEAD ENTRIES, EXCEPT ON CEDED INDIAN LANDS		
			All original entries and selections <sup>4</sup>	All final entries	Patents and certifications	Original entries		Final entries <sup>5</sup>
						Number	Acreage	
	<i>1,000 dollars</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1861-1870 .....	13, 324	17, 657	6 13, 341	-----	-----	142, 210	15, 931	1, 379
1871-1880 .....	17, 506	3, 842	62, 202	-----	-----	327, 512	39, 735	17, 887
1881-1890 .....	99, 269	23, 367	190, 697	-----	-----	497, 083	69, 773	28, 961
1891-1900 .....	33, 492	14, 201	106, 299	-----	-----	456, 943	62, 767	31, 878
1901-1910 .....	94, 095	20, 300	196, 841	-----	-----	831, 841	130, 737	38, 819
1911-1920 .....	67, 025	6	156, 402	9, 778	13, 327	554, 026	123, 826	74, 316
1921-1930 .....	104, 453	409	61, 231	45, 513	66, 358	172, 503	53, 460	40, 391
1931-1935 .....	21, 659	275	18, 232	6, 847	8, 977	41, 610	15, 266	6, 234
1936-1940 .....	38, 597	203	1, 037	7, 396	9, 373	2, 944	659	6, 783
1941-1945 .....	58, 428	-----	404	1, 057	3, 350	1, 233	159	764
1946-1950 .....	141, 464	-----	496	436	1, 726	2, 456	306	156
1951 .....	49, 082	-----	121	198	388	363	49	63
1952 .....	64, 518	-----	113	165	374	458	59	38
1953 .....	66, 846	-----	310	177	364	482	61	39
1954 .....	77, 487	-----	306	239	416	474	60	43

<sup>1</sup> Includes receipts from such sources as following: Sales of public and ceded Indian lands; fees and commissions; mineral rentals, royalties, and bonuses; sales of timber; grazing fees and rentals; and land rentals. For period prior to 1861, receipts were \$177,230,000.

<sup>2</sup> As of June 30, 1954, process of legal adjudication had not yet been completed for all grants and small changes in data for certain years may occur. For period 1802-60, total land granted to States was 96,977,000 acres. Includes grants for such public purposes as following: Educational, penal, and other public institutions and buildings; bridges, reservoirs, and other internal improvements; reclamation of swamp and arid lands; experiment stations; recreation areas; wildlife and forestry areas; military camps; and payments of bonds issued by local governments. Excludes grants to aid in construction of railroads, wagon roads, canals, and river improvements, or acreage of swamplands lost to States, for which States received indemnity in cash. Excludes data for Alaska and also 10,000 acres because of the rounding process.

<sup>3</sup> Includes homesteads. <sup>4</sup> Includes some classes of final entries and patents prior to 1911.

<sup>5</sup> Excludes commuted homesteads. <sup>6</sup> 1868-1870 only. <sup>7</sup> 1920 only.

Source: Department of Interior, Bureau of Land Management; annual report of the Director, and record

## No. 206.—OWNERSHIP OF LAND, BY CLASS: 1949

[Acreage in millions. Compiled from State and Federal reports and records. See also table 767]

CLASSES	Land area	Percent
<b>Total</b> .....	<b>1, 904</b>	<b>100. 0</b>
Private land <sup>1</sup> .....	1, 342	70. 5
Private land assessed as acreage for taxation.....	1, 326	69. 7
Urban areas assessed as lots.....	10	. 5
Areas not assessed (estimated).....	6	. 3
Indian land.....	57	3. 0
Public land.....	495	26. 0
Federal land.....	398	20. 9
State land.....	80	4. 2
County and municipal land (estimated).....	17	. 9
Highway and road rights-of-way unaccounted for, etc. <sup>2</sup> .....	10	. 5

<sup>1</sup> Includes individually owned, partnership, and corporate owned.<sup>2</sup> Comprises highway and road rights-of-way not already covered in private and public land.Source: Department of Agriculture, Agricultural Research Service; *Major Uses of Land in the United States*.

## No. 207.—VACANT PUBLIC LANDS—ACREAGE, BY STATES: JUNE 30, 1900 TO 1954

[Vacant public lands are those which are unappropriated and unreserved. The former represent lands not covered by an entry, the latter, lands not reserved for some public purpose, i. e., available for entry or selection under appropriate laws. Data cover vacant public lands outside Alaska withdrawn for classification in furtherance of Taylor Grazing Act and for conservation and development of natural resources. Figures exclude vacant public lands in Alaska estimated at 270,000,000 acres on June 30, 1954. For U. S. totals, see *Historical Statistics*, series F 8]

STATE	1900	1910	1920	1930	1940	1950	1954
<b>Total</b> .....	<b>1,557, 643, 120</b>	<b>343, 971, 674</b>	<b>200, 320, 128</b>	<b>178, 979, 446</b>	<b>179, 825, 935</b>	<b>170, 408, 160</b>	<b>171, 358, 500</b>
Alabama.....	359, 250	108, 210	37, 200	( <sup>3</sup> )	15, 640	26, 926	22, 578
Arizona.....	50, 286, 986	41, 491, 369	18, 268, 909	15, 180, 880	13, 869, 348	12, 544, 779	12, 612, 898
Arkansas.....	3, 493, 444	512, 705	276, 595	190, 969	129, 962	133, 796	75, 908
California.....	42, 467, 512	24, 864, 884	19, 585, 801	16, 623, 488	16, 968, 775	16, 305, 673	16, 498, 170
Colorado.....	39, 650, 247	21, 726, 192	8, 941, 185	8, 027, 468	7, 937, 490	8, 069, 927	7, 951, 526
Florida.....	1, 596, 411	453, 009	120, 077	18, 897	13, 775	22, 582	15, 082
Idaho.....	43, 286, 694	24, 743, 804	8, 805, 112	10, 617, 970	11, 879, 452	10, 858, 329	12, 553, 425
Indiana.....						11	11
Kansas.....	1, 196, 900	137, 180	4, 346	( <sup>3</sup> )	2, 890	2, 535	2, 479
Louisiana.....	442, 224	88, 911	14, 240	( <sup>3</sup> )	5, 716	7, 290	6, 638
Michigan.....	430, 483	107, 890	73, 523	( <sup>3</sup> )	15, 810	15, 604	10, 151
Minnesota.....	4, 696, 203	1, 563, 302	256, 297	189, 845	238, 188	93, 102	92, 761
Mississippi.....	285, 804	47, 058	33, 360	( <sup>3</sup> )	12, 887	16, 713	14, 710
Missouri.....	337, 946	2, 510	18	( <sup>3</sup> )	432	924	643
Montana.....	67, 963, 057	36, 015, 943	5, 973, 741	6, 601, 677	6, 459, 860	6, 772, 640	6, 731, 189
Nebraska.....	9, 798, 688	1, 879, 486	66, 844	22, 628	28, 698	24, 857	16, 230
Nevada.....	61, 277, 506	56, 474, 688	54, 267, 175	51, 454, 493	51, 143, 840	47, 158, 389	46, 326, 319
New Mexico.....	56, 541, 170	36, 454, 692	18, 448, 878	15, 664, 121	15, 695, 468	14, 502, 666	13, 598, 002
North Dakota.....	18, 725, 239	1, 410, 225	81, 044	146, 505	107, 583	96, 470	89, 769
Oklahoma.....	5, 733, 572	5, 007	7, 404	( <sup>3</sup> )	23, 157	24, 601	23, 698
Oregon.....	34, 377, 907	17, 580, 573	14, 006, 757	13, 069, 136	12, 774, 184	13, 298, 154	13, 147, 081
South Dakota.....	11, 930, 809	4, 562, 804	288, 472	439, 880	279, 087	290, 445	303, 706
Utah.....	42, 967, 451	35, 955, 554	29, 991, 715	23, 881, 445	25, 733, 585	23, 033, 410	24, 658, 940
Washington.....	11, 125, 883	3, 196, 059	1, 086, 686	920, 584	577, 419	487, 151	477, 864
Wisconsin.....	313, 565	14, 460	5, 154	( <sup>3</sup> )	6, 160	6, 043	4, 980
Wyoming.....	48, 358, 169	34, 575, 159	19, 679, 595	15, 929, 460	15, 906, 529	16, 615, 143	16, 124, 332

<sup>1</sup> Exclusive of Cherokee Strip, containing 8,004,644 acres, and all other lands owned or claimed by Indians in Indian Territory west of ninety-sixth degree of longitude.<sup>2</sup> Includes acreage of public lands within grazing districts, as follows: 1940, 131,926,135; 1950, 134,874,876; 1954, 143,915,328. <sup>3</sup> Data not tabulated.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director, and records.



NO. 208.—LAND GRANTS TO STATES—ACREAGE, BY PURPOSE, BY STATES AND FOR ALASKA, TO JUNE 30, 1954

[In thousands of acres. Includes grants of scrip]

STATE	Total	Support of common schools	Support of other schools	Support of other institutions	Construction of railroads	Construction of wagon roads	Construction of canals and improvement of rivers	Construction of miscellaneous internal improvements	Reclamation of swamp-lands	Other purposes
<b>Total</b> .....	<b>245,283</b>	<b>98,532</b>	<b>17,034</b>	<b>13,993</b>	<b>37,129</b>	<b>3,359</b>	<b>26,104</b>	<b>7,807</b>	<b>64,895</b>	<b>6,430</b>
Alabama.....	5,006	912	384	( <sup>1</sup> )	2,747	-----	400	97	441	25
Alaska.....	21,447	21,009	438	-----	-----	-----	-----	-----	-----	-----
Arizona.....	10,544	8,093	849	500	-----	-----	-----	-----	-----	1,101
Arkansas.....	11,937	934	196	-----	2,564	-----	-----	500	7,687	57
California.....	8,824	5,534	196	-----	-----	-----	-----	500	2,193	401
Colorado.....	4,472	3,686	138	32	-----	-----	-----	500	-----	116
Connecticut.....	180	-----	180	-----	-----	-----	-----	-----	-----	-----
Delaware.....	90	-----	90	-----	-----	-----	-----	-----	-----	-----
Florida.....	24,206	975	182	-----	2,219	-----	-----	500	20,325	5
Georgia.....	270	-----	270	-----	-----	-----	-----	-----	-----	-----
Idaho.....	4,254	2,964	387	1,250	-----	-----	-----	-----	-----	654
Illinois.....	6,235	996	526	-----	2,595	-----	324	209	1,460	124
Indiana.....	4,040	669	436	-----	-----	171	1,480	-----	1,259	26
Iowa.....	8,061	1,001	286	-----	4,707	-----	321	500	1,196	50
Kansas.....	7,795	2,908	151	( <sup>2</sup> )	4,176	-----	-----	500	-----	59
Kentucky.....	355	-----	330	25	-----	-----	-----	-----	-----	-----
Louisiana.....	11,430	807	256	-----	373	-----	-----	500	9,493	-----
Maine.....	210	-----	210	-----	-----	-----	-----	-----	-----	-----
Maryland.....	210	-----	210	-----	-----	-----	-----	-----	-----	-----
Massachusetts.....	360	-----	360	-----	-----	-----	-----	-----	-----	-----
Michigan.....	12,144	1,022	286	-----	3,134	221	1,251	500	5,680	49
Minnesota.....	16,422	2,875	212	-----	8,047	-----	-----	500	4,707	81
Mississippi.....	6,097	824	348	-----	1,075	-----	-----	500	3,348	1
Missouri.....	7,417	1,222	376	-----	1,838	-----	-----	500	3,432	49
Montana.....	5,963	5,198	389	100	-----	-----	-----	-----	-----	276
Nebraska.....	3,459	2,731	136	32	-----	-----	-----	500	-----	60
Nevada.....	2,725	2,062	136	13	-----	-----	-----	500	-----	14
New Hampshire.....	150	-----	150	-----	-----	-----	-----	-----	-----	-----
New Jersey.....	210	-----	210	-----	-----	-----	-----	-----	-----	-----
New Mexico.....	12,795	8,711	1,347	750	-----	-----	100	-----	-----	1,887
New York.....	990	-----	990	-----	-----	-----	-----	-----	-----	-----
North Carolina.....	270	-----	270	-----	-----	-----	-----	-----	-----	-----
North Dakota.....	3,164	2,495	336	1,250	-----	-----	-----	-----	-----	82
Ohio.....	2,759	724	699	-----	-----	81	1,204	-----	26	24
Oklahoma.....	3,096	1,375	1,050	1,671	-----	-----	-----	-----	-----	-----
Oregon.....	7,033	3,399	136	-----	-----	2,584	-----	500	286	127
Pennsylvania.....	780	-----	780	-----	-----	-----	-----	-----	-----	-----
Rhode Island.....	120	-----	120	-----	-----	-----	-----	-----	-----	-----
South Carolina.....	180	-----	180	-----	-----	-----	-----	-----	-----	-----
South Dakota.....	3,435	2,733	366	1,251	-----	-----	-----	-----	-----	86
Tennessee.....	300	-----	300	-----	-----	-----	-----	-----	-----	-----
Texas.....	180	-----	180	-----	-----	-----	-----	-----	-----	-----
Utah.....	7,502	5,844	556	500	-----	-----	-----	-----	-----	601
Vermont.....	150	-----	150	-----	-----	-----	-----	-----	-----	-----
Virginia.....	300	-----	300	-----	-----	-----	-----	-----	-----	-----
Washington.....	3,044	2,376	336	1,200	-----	-----	-----	-----	-----	132
West Virginia.....	150	-----	150	-----	-----	-----	-----	-----	-----	-----
Wisconsin.....	10,179	982	332	-----	3,652	303	1,022	500	3,361	26
Wyoming.....	4,343	3,470	136	1,420	-----	-----	-----	-----	-----	316

<sup>1</sup> Includes acreage of grants for "educational and charitable" purposes as follows: Idaho, 150,000; North Dakota, 170,000; South Dakota, 170,000; Washington, 200,000. Includes also 669,000 acres granted to Oklahoma for "charitable, penal, and public building" purposes, and 290,000 acres granted to Wyoming for "charitable, educational, penal, etc." purposes.

<sup>2</sup> River-improvement grants, 1,505,000 acres (Alabama, 400,000; Iowa, 321,000; New Mexico, 100,000; Wisconsin, 684,000). Canal grants 4,599,000 acres.

<sup>3</sup> Less than 500 acres.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

**NO. 209.—PUBLIC AND INDIAN LAND, ENTRIES UNDER ALL ACTS—ACREAGE, BY STATES AND FOR ALASKA: 1936 TO 1954**

[For years ending June 30. See text p. 171. For grand totals for earlier years, see *Historical Statistics*, series F 11-13]

CLASS AND STATE	ORIGINAL ENTRIES							Final entries, 1954	Patented, 1954
	1936-40, total	1941-45, total	1946-50, total	1951	1952	1953	1954		
<b>Total</b> .....	1, 036, 849	404, 409	496, 287	120, 774	113, 153	309, 692	305, 646	239, 128	416, 010
Public land.....	987, 684	400, 239	480, 487	113, 078	112, 831	309, 526	305, 646	237, 147	-----
Indian land.....	49, 165	4, 169	15, 800	7, 696	322	166	-----	1, 981	-----
All homesteads.....	708, 410	162, 736	321, 638	56, 209	59, 070	61, 536	60, 127	46, 056	50, 646
Stock-raising homesteads.....	472, 920	25, 488	3, 192	1, 233	640	-----	-----	640	640
Other entries.....	328, 439	241, 673	174, 649	64, 565	54, 083	248, 156	245, 519	193, 072	365, 364
Alaska.....	59, 034	66, 695	171, 810	18, 144	43, 681	44, 332	38, 829	21, 402	22, 801
Arizona.....	80, 874	25, 157	43, 832	4, 723	3, 074	7, 284	30, 568	11, 786	66, 961
California.....	1 209, 426	89, 631	59, 572	23, 574	6, 889	9, 455	23, 972	25, 205	76, 552
Colorado.....	107, 578	10, 209	45, 484	9, 820	8, 546	28, 239	42, 731	37, 226	19, 049
Idaho.....	57, 488	21, 573	32, 543	23, 988	14, 729	29, 498	101, 830	14, 226	26, 689
Montana.....	84, 619	20, 929	1, 802	640	257	160	307	32, 669	19, 592
Nevada.....	2, 831	7, 851	6, 900	6, 985	9, 757	170, 079	33, 433	6, 177	13, 722
New Mexico.....	176, 942	33, 435	4, 733	1, 156	11, 194	-----	-----	7, 371	16, 340
North Dakota.....	1, 860	876	-----	-----	-----	-----	-----	1, 387	1, 815
Oregon.....	53, 878	5, 136	2, 068	160	240	2, 861	13, 498	12, 134	36, 411
South Dakota.....	7, 735	550	151	-----	-----	-----	818	3, 883	4, 680
Utah.....	27, 091	99, 689	71, 966	19, 707	10, 733	15, 310	15, 499	23, 725	62, 915
Washington.....	3, 333	760	5, 104	730	20	-----	-----	3, 464	4, 828
Wyoming.....	138, 074	9, 830	47, 175	9, 017	2, 510	2, 034	3, 821	19, 090	23, 949
Other States.....	26, 086	12, 088	3, 146	2, 130	1, 523	440	340	19, 383	19, 706

<sup>1</sup> Includes 150,749 acres acquired by the State of California for State park purposes under act of June 29, 1936.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

**NO. 210.—PUBLIC AND INDIAN LAND, ENTRIES AND PATENTS—ACREAGE: 1953 AND 1954**

[For years ending June 30. Data include Alaska. For grand totals for earlier years, see *Historical Statistics*, series F 11-13]

CLASS	1953			1954		
	Original entries	Final entries	Patented entries	Original entries	Final entries	Patented entries
<b>Total</b> .....	309, 692	177, 248	363, 535	305, 646	239, 128	416, 010
Homesteads.....	61, 536	44, 497	50, 624	60, 127	46, 056	50, 646
Stockraising.....	-----	637	2, 693	-----	640	640
Enlarged.....	7, 465	4, 497	3, 454	7, 378	4, 538	5, 770
Reclamation.....	5, 064	21, 843	22, 447	8, 097	16, 407	20, 035
Forest.....	-----	163	418	-----	124	167
Commuted.....	-----	1, 172	1, 058	-----	643	-----
Sec. 2289, original act, et al.....	49, 007	16, 185	20, 554	44, 652	23, 704	24, 034
Deserts.....	49, 982	13, 451	14, 534	182, 200	11, 095	9, 282
Public auction.....	-----	76, 830	91, 494	-----	121, 225	98, 695
State selection.....	12, 202	-----	<sup>1</sup> 17, 523	19, 302	-----	<sup>1</sup> 28, 447
Mineral.....	28, 663	35, 469	11, 212	44, 017	41, 987	15, 430
Exchange.....	-----	-----	153, 940	-----	-----	184, 350
Miscellaneous.....	157, 309	7, 001	24, 208	-----	18, 765	29, 160

<sup>1</sup> Includes certifications: 1953, 12,112 acres; 1954, 27,809 acres.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.



## No. 211.—PUBLIC LAND, HOMESTEAD ENTRIES—ACREAGE, BY STATES AND FOR ALASKA: 1931 TO 1954

[For years ending June 30. See text, p. 171. See also *Historical Statistics*, series F 15 and 16]

ITEM AND STATE	1931-1935, total	1936-1940, total	1941-1945, total	1946-1950, total	1951	1952	1953	1954
<b>Original entries, total...</b>	<b>15,266,771</b>	<b>659,350</b>	<b>158,567</b>	<b>305,839</b>	<b>48,513</b>	<b>58,748</b>	<b>61,370</b>	<b>60,127</b>
Alaska.....	38,659	58,718	59,559	171,759	18,144	43,681	44,332	38,829
Arizona.....	1,124,034	39,910	8,199	8,134	1,808	103	4,663	
Arkansas.....	<sup>1</sup> 43,298	( <sup>2</sup> )					80	80
California.....	909,626	29,127	2,391	25,064	200	157	80	562
Colorado.....	1,028,298	58,501	7,533	10,503	3,387	1,200	2,399	3,200
Florida.....	<sup>1</sup> 9,554	( <sup>2</sup> )					200	120
Idaho.....	694,481	56,757	16,020	15,626	3,465	594	1,240	8,457
Minnesota.....	<sup>1</sup> 4,947	( <sup>2</sup> )						
Montana.....	<sup>3</sup> 1,384,188	84,102	17,871	644	640	20	160	
Nebraska.....	<sup>1</sup> 17,468	( <sup>2</sup> )						
Nevada.....	97,670	1,832	1,812	2,314	507	1,084	1,879	3,175
New Mexico.....	4,387,629	94,337	13,817	1,378	978	640		
North Dakota.....	79,152	1,860	875	( <sup>2</sup> )				
Oregon.....	561,227	50,963	3,373	1,898	( <sup>2</sup> )	80	80	320
South Dakota.....	220,963	7,695	( <sup>2</sup> )					
Utah.....	609,755	26,811	12,650	32,981	16,565	9,699	5,935	5,244
Washington.....	67,354	2,733	320	2,435	332	( <sup>2</sup> )		
Wyoming.....	3,894,074	125,425	2,694	30,077	403	( <sup>2</sup> )	162	
Bureau of Land Management <sup>2</sup> .....	94,395	20,579	11,453	3,026	2,084	1,490	160	140
Final entries <sup>4</sup> .....	6,233,399	6,783,129	764,204	156,904	63,059	37,506	39,219	43,432

<sup>1</sup> 1931 to 1933.<sup>2</sup> Entries, if any, included with Bureau of Land Management, for States no longer having local offices.<sup>3</sup> Includes entries of abandoned military reservations.<sup>4</sup> Excludes commuted homesteads and ceded Indian lands.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

## No. 212.—GRAZING DISTRICTS—ACREAGE AS OF JUNE 30, 1954; PERMITTED OPERATORS AND USE, FOR FISCAL YEAR 1954

STATE	Area <sup>1</sup> (acres)	Operators (number)	ANIMAL-UNITS-MONTHS OF USE	
			Livestock	Wildlife
<b>Total.....</b>	<b>160,072,536</b>	<b>18,727</b>	<b>15,686,265</b>	<b>1,184,776</b>
Arizona.....	12,843,400	553	696,572	22,314
California.....	4,274,478	436	363,284	31,651
Colorado.....	8,086,880	1,906	928,387	264,773
Idaho.....	13,292,535	2,903	1,639,418	140,978
Montana.....	5,985,169	2,637	985,300	71,165
Nevada.....	47,580,165	1,162	3,211,967	149,871
New Mexico.....	14,439,816	3,363	2,290,275	40,776
Oregon.....	13,610,518	1,296	1,109,436	144,380
Utah.....	25,605,858	3,131	2,537,911	198,013
Wyoming.....	14,353,717	1,340	2,008,715	120,855

<sup>1</sup> Includes vacant public lands within grazing districts, and other federally reserved lands and private lands administered by Bureau of Land Management, by agreement or lease, pursuant to Pierce Act.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

**No. 213.—RECEIPTS UNDER MINERAL LEASING ACT OF FEB. 25, 1920, THROUGH 1954, AND MINERAL LEASES IN FORCE AS OF JUNE 30, 1954, BY STATES, AND FOR ALASKA**

[Money figures in thousands of dollars. Excludes leasing activities of agencies other than Bureau of Land Management. Receipts under all mineral-leasing acts administered by Bureau of Land Management amounted to \$59,861,932 in 1954, including those shown here]

STATE	RECEIPTS (YEARS ENDING JUNE 30)							LEASES IN FORCE, JUNE 30, 1954 <sup>1</sup>	
	Total	1920-49, total	1950	1951	1952	1953	1954	Number	Acres
<b>Total</b> .....	440,487	240,660	26,971	34,951	41,884	43,532	52,489	88,087	66,299,495
Alabama.....	229	211	(2)	1	5	2	10	101	24,505
Alaska.....	490	1	4	7	23	317	138	1,028	1,843,505
Arizona.....	607	107	30	85	153	98	134	1,363	698,787
Arkansas.....	28	5	1	(2)	1	6	15	83	52,085
California.....	115,109	75,240	7,416	7,969	7,327	7,917	9,240	7,536	2,314,617
Colorado.....	43,459	13,043	4,180	5,068	6,265	6,883	8,020	6,441	6,309,771
Florida.....	3	(2)			3	(2)	(2)	53	6,874
Idaho.....	964	310	96	118	107	153	180	319	318,588
Illinois.....	(2)			(2)			(2)	1	80
Kansas.....	587	186	45	141	76	80	59	156	54,624
Louisiana.....	1,063	778	23	24	55	87	96	196	29,266
Michigan.....	45	17	2	3	2	18	3	41	43,023
Mississippi.....	23	3	2	3	3	7	5	147	12,909
Montana.....	17,573	7,968	1,257	1,314	2,092	2,741	2,201	8,432	7,476,560
Nebraska.....	94	1	7	6	61	13	6	294	161,324
Nevada.....	3,470	118	480	656	924	376	916	5,986	4,399,275
New Mexico.....	52,695	22,800	3,616	4,763	6,939	6,372	8,205	12,001	9,669,250
North Dakota.....	1,234	689	33	126	131	170	85	998	347,521
Oklahoma.....	347	64	65	70	41	54	53	643	149,449
Oregon.....	159	16	2	9	31	20	81	262	57,779
South Dakota.....	835	87	56	59	186	225	222	1,254	1,228,399
Texas.....								7	1,759
Utah.....	16,751	5,430	852	1,548	2,872	2,712	3,337	10,835	11,714,933
Washington.....	119	92	3	3	2	11	8	35	15,142
Wyoming.....	184,603	113,494	8,801	12,978	14,585	15,270	19,475	29,875	19,369,470

<sup>1</sup> Data for all leases except those on acquired lands. See footnote 1, table 214.

<sup>2</sup> Less than \$500.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

**No. 214.—PUBLIC LANDS—LEASES, PERMITS, AND LICENSES OUTSTANDING, BY CLASS:  
JUNE 30, 1954**

[Data include Alaska]

CLASS	Num- ber	Acres	CLASS	Num- ber	Acres
<b>MINERAL</b>			<b>OTHER</b>		
<b>Grand total</b> .....	88,486	66,956,321	<b>Grand total</b> .....	44,562	19,388,593
<b>Leases, total</b> <sup>1</sup> .....	88,087	66,299,495	<b>Leases, total</b> .....	43,694	17,867,615
Oil and gas <sup>1</sup> .....	87,653	66,024,914	Grazing, Taylor Act.....	10,624	17,420,376
Coal.....	326	136,634	Grazing, Alaska.....	33	9,129
Potash.....	53	105,173	Grazing, Oregon and California.....	204	235,085
Phosphate.....	43	23,535	Fur farm, Alaska.....	2	14,960
Sodium.....	8	8,598	Aviation.....	59	23,757
Silica sands.....	3	481	Mineral or medicinal spring.....	2	340
Tungsten.....	1	160	Recreational.....	15	17,577
<b>Permits, total</b> <sup>1</sup> .....	362	655,149	Boy Scout camp.....	1	80
Coal.....	96	156,662	Water well.....	10	365
Potash.....	202	376,767	Bathing beach.....	1	33
Sodium.....	64	121,720	Small tract.....	32,743	145,913
<b>Licenses, total</b> .....	37	1,677	<b>Permits, total</b> <sup>1</sup> .....	868	1,520,978
Coal.....	37	1,677	Special land use.....	868	1,520,978

<sup>1</sup> Excludes the following on acquired lands: Oil and gas, 2,873 leases (2,758,637 acres); and various minerals, 199 permits (130,104 acres).

<sup>2</sup> Excludes grazing licenses and permits within grazing district, 18,727 (160,072,536 acres).

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.



# No. 215.—AREAS ADMINISTERED BY THE NATIONAL PARK SERVICE—ACREAGE AND NUMBER OF VISITORS: 1954

[For figures for continental U. S. only, see *Historical Statistics*, series F 17-18]

TYPE OF AREA	Number of areas, June 30	Net acreage, June 30	Visitors, year ending Dec. 31, 1954
<b>Areas administered by National Park Service, total</b> .....	179	23,886,427	47,833,913
<b>National Park System:</b>			
<b>Continental United States, total</b> .....	168	14,754,638	43,926,072
National parks.....	26	10,524,894	17,519,046
National monuments.....	79	4,003,918	7,793,815
National military parks.....	11	24,356	12,467,458
National historic parks.....	6	11,444	3,385,312
National memorial park.....	1	65,649	133,570
National battlefield parks.....	3	5,488	304,108
National battlefield sites.....	6	189	288,774
National cemeteries.....	10	217	2,700
National historic sites.....	10	1,315	704,949
National memorials.....	11	4,426	5,259,707
National capital park.....	1	235,091	
National parkways.....	4	77,651	<sup>3</sup> 6,066,633
<b>Alaska and Hawaii, total</b> .....	6	7,111,686	460,605
National parks.....	2	2,116,270	449,550
National monuments.....	4	4,995,416	11,055
<b>Other areas administered by National Park Service, total</b> .....	5	2,020,104	3,447,236
National recreation areas.....	4	2,020,064	3,407,253
National historic site (in San Juan, Puerto Rico) <sup>4</sup> .....	1	40	39,983

<sup>1</sup> Includes national cemeteries adjoining military parks.

<sup>2</sup> Includes acreage of one recreational demonstration area.

<sup>3</sup> Blue Ridge and Natchez Trace Parkways visitors. No record for other 2 parkways.

<sup>4</sup> Administered pursuant to cooperative agreement with Department of the Army.

Source: Department of the Interior, National Park Service; *Annual Report of the Secretary*.

# No. 216.—VISITORS TO AREAS ADMINISTERED BY THE NATIONAL PARK SERVICE: 1916 TO 1954

[For years ending Sept. 30 through 1940; thereafter, years ending Dec. 31. Includes data for Alaska, Hawaii, and Puerto Rico. Visitors to these areas were 500,588 in 1954. Record of visitors to national monuments not available for years prior to 1919. For figures for continental U. S. only, see *Historical Statistics*, series F 18]

YEAR	Number	YEAR	Number	YEAR	Number
1916.....	356,097	1929.....	3,248,294	1942.....	9,370,969
1917.....	488,268	1930.....	3,246,656	1943.....	6,828,420
1918.....	451,691	1931.....	3,544,938	1944.....	8,339,775
1919.....	811,516	1932.....	3,754,596	1945.....	11,713,852
1920.....	1,058,455	1933.....	3,481,590	1946.....	21,752,315
1921.....	1,171,797	1934.....	6,337,206		
				1947.....	25,534,188
1922.....	1,216,497	1935.....	7,676,490	1948.....	29,858,828
1923.....	1,493,712	1936.....	11,989,793	1949.....	31,736,402
1924.....	1,670,908	1937.....	15,133,432	1950.....	33,252,589
1925.....	2,054,562	1938.....	16,331,467	1951.....	37,106,440
1926.....	2,314,955	1939.....	15,530,636	1952.....	42,299,836
1927.....	2,797,840	1940.....	16,755,251	1953.....	46,224,794
1928.....	3,024,544	1941.....	21,236,947	1954.....	47,833,913

Source: Department of the Interior, National Park Service; *Annual Report of the Secretary* and records.

**No. 217.—INDIAN LANDS UNDER JURISDICTION OF BUREAU OF INDIAN AFFAIRS—  
ACREAGE, BY STATES: 1881 TO 1954**

STATE	1881	1900	1911	1920	1933	1940	1945 <sup>1</sup>	1949
<b>Total</b> .....	155,632,312	78,372,185	71,646,796	71,398,730	52,651,393	55,406,412	55,362,949	56,004,670
Arizona.....	3,092,720	15,150,757	17,358,746	18,653,014	18,657,984	219,224,717	19,457,374	19,457,374
Arkansas.....					80	80	95	95
California.....	415,841	406,396	437,629	517,118	625,354	666,817	548,408	548,408
Colorado.....	12,467,200	483,750	556,561	468,874	443,751	666,533	730,513	730,513
Florida.....		23,062	23,542	23,542	125,880	60,574	80,028	80,028
Idaho.....	2,748,981	1,364,500	770,706	682,939	803,239	817,659	864,610	864,610
Iowa.....	692	2,965	3,251	3,251	3,361	3,386	1,806	5,040
Kansas.....	137,747	28,279	273,408	272,519	34,821	35,678	36,423	36,423
Michigan.....	66,332	8,317	153,910	153,418	20,233	26,872	26,397	26,397
Minnesota.....	5,026,447	1,566,707	1,480,647	1,508,553	549,320	652,746	863,028	863,028
Mississippi.....					3,863	9,347	15,488	15,488
Montana.....	29,356,800	9,500,700	6,263,151	6,053,673	6,055,009	6,454,953	6,502,211	6,502,211
Nebraska.....	436,252	74,592	344,375	359,542	69,280	75,958	28,073	28,073
Nevada.....	885,015	954,135	696,749	740,635	866,176	1,127,171	1,141,362	1,141,362
New Mexico.....	7,228,731	1,667,485	4,520,652	4,697,224	6,188,964	7,153,109	6,717,033	6,717,033
New York.....	86,366	87,677	87,677	87,677			86,008	86,008
North Carolina.....	65,211	98,211	63,211	63,211	57,705	56,849	55,784	55,784
North Dakota.....	( <sup>3</sup> )	3,701,724	2,786,162	2,105,320	1,034,123	1,036,292	1,091,124	1,093,882
Oklahoma.....	41,100,915	26,397,237	22,736,473	19,551,890	2,919,886	2,844,431	2,468,770	2,468,770
Oregon.....	3,853,800	1,300,225	1,719,561	1,718,006	1,718,510	1,736,794	1,733,080	1,733,080
Pennsylvania.....							640	640
South Dakota.....	336,616,448	8,991,791	7,221,939	6,685,734	5,544,424	5,864,604	5,779,684	5,779,684
Texas.....							4,351	4,081
Utah.....	2,039,040	2,039,040	291,101	1,641,307	1,571,020	1,693,160	1,874,966	2,509,769
Washington.....	7,079,348	2,333,574	2,948,708	2,718,886	2,712,915	2,739,830	2,722,397	2,723,593
Wisconsin.....	586,026	381,061	590,094	590,111	395,919	445,443	452,678	452,678
Wyoming.....	2,342,400	1,810,000	4318,543	2,102,286	2,249,576	2,013,409	2,080,618	2,080,618

STATE	1953				1954			
	Total	Trust allotted	Tribal	Government owned <sup>5</sup>	Total	Trust allotted	Tribal	Government owned <sup>5</sup>
<b>Total</b> .....	55,405,560	14,250,788	40,177,718	977,054	54,108,224	13,652,151	39,881,699	574,474
Arizona.....	19,504,471	260,530	19,175,538	68,403	19,388,916	250,663	19,128,514	9,739
California.....	646,781	112,144	533,954	683	637,565	89,306	546,861	1,397
Colorado.....	747,974	14,370	731,999	1,605	747,162	5,291	741,306	565
Florida.....	183,733		78,933 <sup>8</sup>	104,800 <sup>9</sup>	80,847		80,847	
Idaho.....	857,367	432,150	385,140	40,077	849,274	420,235	389,282	39,757
Iowa.....	5,199	1,683	3,476	40	3,516		3,476	40
Kansas.....	33,910	32,177	1,717	16	35,870	33,137	1,717	1,016
Louisiana.....	262		262		262		262	
Michigan.....	26,549	14,709	7,818	4,022	23,216	11,896	7,298	4,022
Minnesota.....	857,554	150,957	676,090	30,507	853,259	148,430	675,022	29,808
Mississippi.....	16,832	408	16,212	212	17,040		16,832	208
Montana.....	6,268,065	4,717,141	1,413,596	137,328	6,069,759	4,432,735	1,500,130	136,893
Nebraska.....	<sup>10</sup> 24,354	10,495	13,706	153	<sup>10</sup> 29,753	14,647	<sup>10</sup> 14,934	172
Nevada.....	1,165,048	82,152	1,075,353	7,543	1,146,845	80,872	1,055,575	10,398
New Mexico.....	6,716,864	656,502	5,732,713	327,649	6,490,794	656,875	5,730,008	103,911
North Carolina.....	56,500		56,115	385	56,500		56,115	385
North Dakota.....	967,588	473,373	481,966	12,249	921,066	817,841	94,668	8,557
Oklahoma.....	2,427,293	2,333,952	59,775	33,566	1,901,749	1,803,448	53,505	44,797
Oregon.....	1,698,555	359,397	1,324,678	14,480	1,702,754	344,981	1,356,405	1,369
South Carolina.....	4,249		4,249		4,249		4,249	
South Dakota.....	5,591,589	3,293,471	2,152,720	145,398	5,730,969	3,267,625	2,321,295	142,050
Texas.....	4,292		4,292		3,181		3,181	
Utah.....	2,374,000	101,341	2,269,961	2,698	2,373,229	98,001	2,274,589	639
Washington.....	2,696,534	919,423	1,772,966	4,145	2,687,717	908,932	1,778,247	538
Wisconsin.....	470,402	141,392	289,807	39,203	456,508	127,126	291,169	38,213
Wyoming.....	2,059,595	143,021	1,914,682	1,892	1,896,324	140,110	1,756,214	

<sup>1</sup> Taxable lands generally excluded beginning 1945.

<sup>2</sup> Excludes 495,578 acres of land in litigation apparently lost to A. T. & S. Fe Railroad.

<sup>3</sup> Dakota Territory. <sup>4</sup> Excludes ceded lands amounting to 1,472,000 acres. All other years include ceded land.

<sup>5</sup> Includes government owned and/or government administered lands.

<sup>6</sup> Excludes public domain lands outside reservation boundaries permitted to Indians.

<sup>7</sup> Includes 27,086 acres of submarginal land.

<sup>8</sup> Excludes 104,800 acres of State reservation. <sup>9</sup> State-owned land set aside as a reservation for Seminoles.

<sup>10</sup> For 1953, excludes an estimated 46,500 acres and for 1954, 40,000 acres of trust land subject to taxation under Brown Act of Dec. 30, 1916 (39 Stat. 865).

Source: Department of the Interior, Bureau of Indian Affairs; *Statistical Supplement to Annual Report of Commissioner of Indian Affairs* and records.



## 8. Labor Force, Employment, and Earnings

This section presents statistics dealing with the characteristics of the economically active segment of the population; the labor force; its distribution by occupation and industry affiliation; and the supply of, demand for, and conditions of labor.

The chief sources of these data are the Bureau of the Census' Decennial Census of Population (see text, p. 1), and Current Population Survey (see text, p. 2); the Bureau of Labor Statistics' *Monthly Labor Review*; and the Agricultural Marketing Service's monthly report, *Farm Labor*.

Statistics shown in this section are of two types. One type is obtained by the "population approach" represented by the Census of Population and the Current Population Survey of the Bureau of the Census. This approach involves direct enumeration and interrogation of individuals to obtain information on employment activity from workers or members of workers' households. Each employed worker is counted only once, even though he may have held two or more jobs during a given period. This approach encompasses direct enumeration of all employed and unemployed persons including the self-employed, unpaid family workers, domestic servants, and others who do not ordinarily appear on the payrolls of any establishment.

The second type of data is obtained by the "establishment approach" represented by the surveys of the Bureau of Labor Statistics and the Agricultural Marketing Service. These data are based on reports from employers, i. e., farms, businesses, or industrial establishments. Such data as wages, hours worked, labor turnover, and industry affiliation of employees can be more accurately obtained from employers' records than in response to inquiries directed to a worker or a member of his household. Workers appearing on more than one payroll for the same time period are counted more than once in establishment statistics.

The Decennial Census of Population provides detailed data for the United States, and for each State, city, and other area, including personal characteristics (sex, age, race, etc.) of the numbers employed and unemployed, the number reported in each occupation and in each industry, and other items. The Census Bureau's Current Population Survey provides current data published in *Current Population Reports*, "Monthly Report on the Labor Force" and related publications series. Data presented include national totals, by sex and age, of the number of persons in the civilian labor force, the number employed in nonagricultural industries and agriculture, the number unemployed, and the number of nonworkers. Also provided are data on hours of work and major occupation group of those employed and duration of unemployment of those unemployed.

The Bureau of Labor Statistics in the *Monthly Labor Review* provides monthly data on employment, unemployment, and payrolls; labor turnover; earnings, hours, and wage rates; industrial relations; and output per man-hour. Although for the most part data are presented for the United States only, certain of these data are also shown for States and large cities.

**Labor force.**—The labor force as defined by the Bureau of the Census includes persons 14 years old and over who were employed, unemployed, or in the Armed Forces during a specified week. Employed persons are those who did any work for pay or profit during the week, or who worked without pay for 15 hours or more in a family

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Note.—This section presents data for the most recent year or period available on March 1, 1955, when the material was organized and sent to the printer. In some instances, more recent data were added later.

enterprise (farm or business); also included are persons who did not work or look for work but who had a job or business from which they were temporarily absent during the week. Unemployed persons comprise those who did not work at all during the week but were looking for work.

In the 1950 Census, the labor force data relate to the first or second week of April for the majority of the population. The "experienced civilian labor force" consists of all employed workers and unemployed workers with previous work experience. Population censuses earlier than 1940 used a concept of "gainful workers." This concept included all persons 10 years old and over who reported a gainful occupation, without regard to their work or work-seeking status, and, in general, excluded new job seekers without previous experience in a gainful occupation.

**Employment and earnings.**—The monthly estimates of nonagricultural employment prepared by the Bureau of Labor Statistics are based on voluntary reports for about 44,000 establishments in manufacturing industries and for about 111,000 establishments in selected nonmanufacturing industries, supplemented by data from other Government agencies and adjusted at intervals to data from tabulations of reports under Government social insurance programs. These estimates exclude proprietors of unincorporated businesses, self-employed persons, domestic servants, unpaid family workers, agricultural workers, and persons in the Armed Forces. The employment data are for all full- and part-time employees who worked or received pay for any part of the period reported.

Estimates are available for total employment for 8 major industry divisions, and for selected nonmanufacturing industries. Both total employment and production-worker estimates are published for 21 major manufacturing groups, 137 manufacturing subgroups, and for mining industries.

Average weekly hours and average weekly and hourly earnings are available for production and related workers for over 300 series in manufacturing; in mining, laundries, and cleaning and dyeing industries; and for nonsupervisory employees and working supervisors in other selected nonmanufacturing industries. The earnings data are gross (before payroll deductions) and include overtime premiums; they exclude irregular bonuses and value of payments in kind. Hours are those actually worked or paid for.

Agricultural employment estimates and wage rates, obtained by means of monthly mail returns, have been issued since 1909 by the Department of Agriculture and appear monthly in *Farm Labor*.

**Output per man-hour.**—The Bureau of Labor Statistics prepares and publishes annual measures of output per man-hour for 24 manufacturing industries, 5 mining industries, 4 public utilities, and agriculture. Output per man-hour refers to physical units produced per man-hour of work. The indexes measure the relationships between the volume of goods produced and one factor of input—labor time. They do not measure the specific contribution of labor or capital nor do they reflect increased efficiency resulting from more economical use of fuels and materials or more efficient integration of industries.

**Labor turnover.**—Labor turnover rates are published monthly in the *Monthly Labor Review* for approximately 100 industries on the basis of about 7,000 reports from cooperating establishments. Labor turnover data are available on a monthly basis from January 1930 for manufacturing as a whole. Because of the adoption of the Standard Industrial Classification system beginning with data for January 1950, labor turnover rates for many industries and industry groups are available on a continuous basis only from that date.



**Work stoppages.**—The basic measures of strike statistics compiled by the Bureau of Labor Statistics are the number of stoppages, of workers involved, and of unions involved. Basic statistical data are obtained from the employers and unions involved. Knowledge of strikes come from a variety of sources, including newspapers, State employment services, and State and Federal mediation services. The Bureau prepares annual reports published in the May *Monthly Labor Review* and later in bulletin form, which give the total figures for each month of the year, and also analyses of strikes by industry, State, city, and by causes, labor organizations involved, and other pertinent classifications.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series D 1-10") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

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### Sampling Note—Current Population Survey

The Current Population Survey is a monthly sample survey of the Bureau of the Census. The statistics for 1954 are based on a sample spread over 230 areas comprising 453 counties and independent cities. A total of 24,000 to 26,000 dwelling units and other living quarters are designated for the sample at any time, and completed interviews are obtained each month from about 20,000 to 22,000 households. Of the remainder, about 500 to 1,000 are households for which information should be obtained but is not, and the rest are vacant dwellings or others that are not to be enumerated for the survey. The data for 1945 through 1953 were based on a different sample, which consisted of about the same number of units but which covered only 68 sample areas.

According to rough computations from the 1954 survey, the relative sampling error during 1954 for summary estimates such as civilian labor force, total employment, and nonagricultural employment is about 0.6 percent; for agricultural employment and unemployment it is roughly 4 percent. In earlier years the sampling error was somewhat higher. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by less than the percentage estimated above for the particular item. The chances are about 19 out of 20 that the difference would be less than twice the specified percentage and about 99 out of 100 that it would be less than  $2\frac{1}{2}$  times the percentage.

The sampling variability indicated above is illustrative of the variability of data based on the Current Population Survey. For specific evaluation of the sampling variability, see the original releases of the Bureau of the Census.

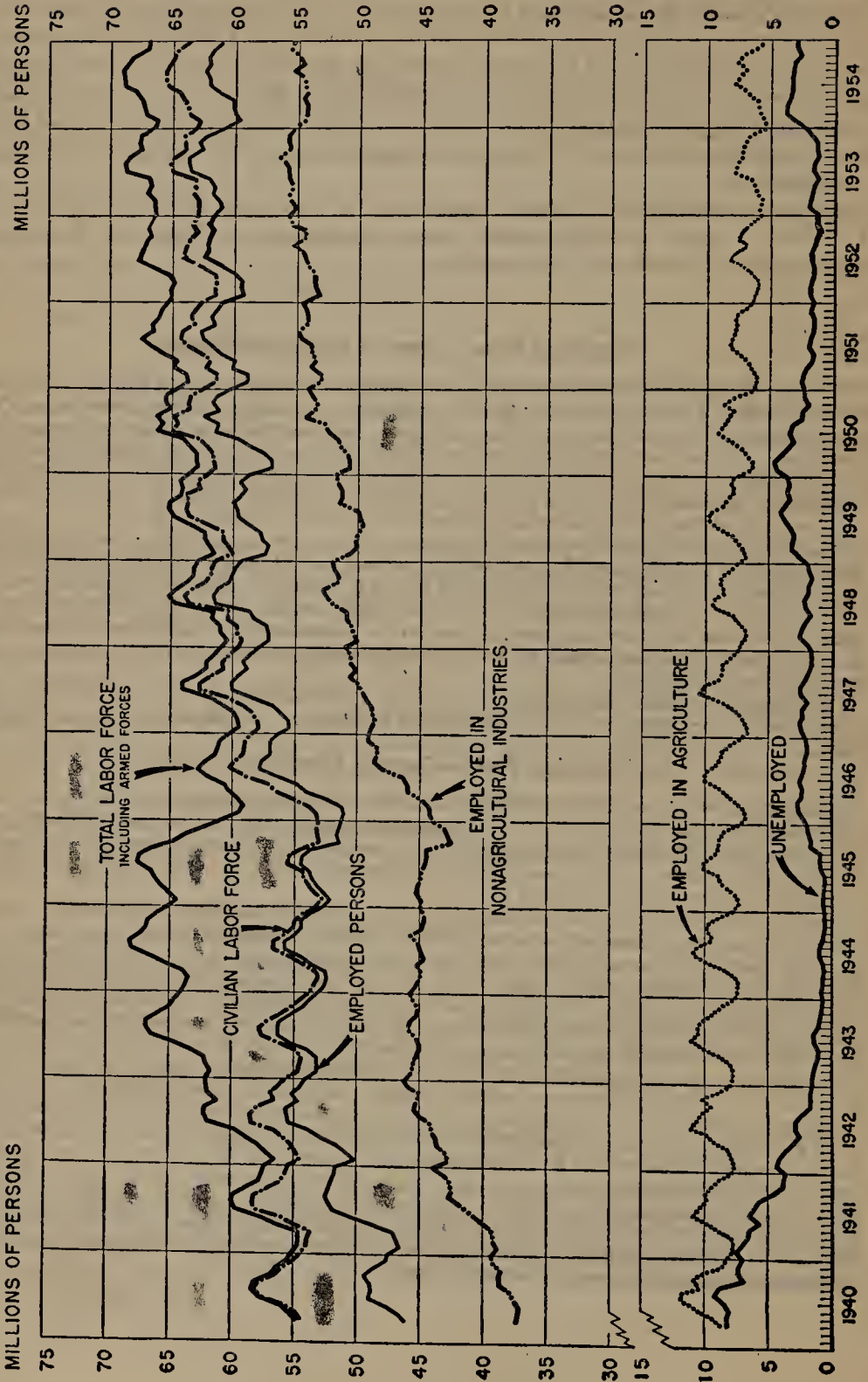
### Technical Note—Current Population Survey

**Comparability with Decennial Population Census data.**—Statistics obtained from the Current Population Survey may differ from Decennial Census data because of sampling variability, as described in the Sampling Note. In addition, comparability between the two sets of data may be affected by other factors, such as differences in the training and experience of enumerators and in the enumeration procedures. For further information, see *U. S. Census of Population: 1950*, Vol. II, Part 1.

**Comparability of 1954 data with pre-1954 data.**—The new sample, described in the Sampling Note, has improved the reliability of current estimates, but has created certain discontinuities in the historical series. Methods have been developed to revise the 1953 statistics in such a way as to provide a better link between the two series. (For a detailed explanation of this revision, see the *Current Population Reports*, "Monthly Report on the Labor Force," Series P-57, No. 150.) This revision has not yet been completed but revised 1953 data will probably be published in the 1956 issue of the *Statistical Abstract*. Revisions for some of the major labor force categories can be found in the above-cited "Monthly Report on the Labor Force."

One remaining source of noncomparability between statistics from January 1953 to date and those for earlier periods is the fact that the independent population estimates and other data used in the ratio estimation procedure are derived from the 1950 Census in the case of the labor force estimates for 1953 and later years, whereas they were based on 1940 Census data and projections in the case of labor force estimates for 1952 and earlier years. This difference in weights had some effect on the labor force levels, especially for men, as well as on distributions by age (but not on age-specific labor force rates or other percentage distributions within age groups). It is believed, however, that the magnitudes involved are not sufficiently large to distort seriously historical comparisons, and the question of whether to prepare revisions for earlier years is still under review. Users who wish to make some allowance for this factor can use as a guide the information provided on page 5 in the monthly report for March 1953 (*Current Population Reports*, Series P-57, No. 129).

FIG. XVI.—TRENDS IN THE LABOR FORCE: 1940 TO 1954  
[See table 220]



Source: Department of Commerce, Bureau of the Census.



**NO. 218.—LABOR FORCE—GAINFUL WORKERS, 1820 TO 1930, AND EXPERIENCED CIVILIAN LABOR FORCE, 1940 AND 1950, IN FARM AND NONFARM OCCUPATIONS**

[For explanation of differences in concept between gainful workers and labor force, see text, p. 181. See also *Historical Statistics*, series D 1-10]

YEAR	Population	GAINFUL WORKERS OR EXPERIENCED CIVILIAN LABOR FORCE				
		Total	Farm occupations <sup>1</sup>		Nonfarm occupations <sup>1</sup>	
			Number	Percent	Number	Percent
PERSONS 10 YEARS OLD AND OVER						
1820-----	6,487,815	<sup>2</sup> 2,881,000	2,068,958	71.8	812,042	28.2
1830-----	8,639,412	<sup>2</sup> 3,931,537	2,772,453	70.5	1,159,084	29.5
1840-----	11,629,006	<sup>2</sup> 5,420,000	3,719,951	68.6	1,700,049	31.4
1850-----	16,452,835	<sup>2</sup> 7,697,196	4,901,882	63.7	2,795,314	36.3
1860-----	22,429,625	<sup>2</sup> 10,532,750	6,207,634	58.9	4,325,116	41.1
1870 <sup>4</sup> -----	29,123,683	12,924,951	6,849,772	53.0	6,075,179	47.0
1880-----	36,761,607	17,392,099	8,584,810	49.4	8,807,289	50.6
1890-----	47,413,559	<sup>5</sup> 23,318,183	9,938,373	42.6	13,379,810	57.4
1900-----	57,949,824	29,073,233	10,911,998	37.5	18,161,235	62.5
1910-----	71,580,270	<sup>6</sup> 37,370,794	11,591,767	31.0	25,779,027	69.0
1920-----	82,739,315	<sup>7</sup> 42,433,535	11,448,770	27.0	30,984,765	73.0
1930-----	98,723,047	48,829,920	10,471,998	21.4	38,357,922	78.6
PERSONS 14 YEARS OLD AND OVER						
1930-----	89,100,555	48,594,592	10,161,212	20.9	38,433,380	79.1
1940-----	101,102,924	51,742,023	8,833,324	17.1	<sup>8</sup> 42,908,699	<sup>8</sup> 82.9
1950-----	112,354,034	59,015,464	6,837,652	11.6	<sup>8</sup> 52,177,812	<sup>8</sup> 88.4

<sup>1</sup> Data not adjusted for relatively minor differences in farm-nonfarm occupational classification between (a) 1820-1930 series, (b) figures for 1930 and 1940, and (c) figures for 1950.

<sup>2</sup> Figures estimated on basis of returns covering greater part of population.

<sup>3</sup> Figures based on interpolation between 1820 and 1840.

<sup>4</sup> Includes additions due to estimated underenumeration in 13 Southern States.

<sup>5</sup> Corrected figure; for explanation, see analysis of occupation returns for 1890 in Twelfth Census (1900) Special Reports, *Occupation*, pp. lxvi-lxxiii. Excludes persons in Indian Territory and on Indian reservations, areas specially enumerated at that census, but for which areas no occupation statistics are available.

<sup>6</sup> Figures revised to deduct estimated overreporting of farm workers.

<sup>7</sup> Figures revised to add estimated underreporting of gainful workers, partly due to change in census date to January 1.

<sup>8</sup> Includes persons in experienced civilian labor force who did not report occupation.

Source: Department of Commerce, Bureau of the Census; 1940 Census Reports on Population, *Comparative Occupation Statistics for the United States, 1870 to 1940* and *U. S. Census of Population: 1950*, Vol. II, Part I.

# No. 219.—GAINFUL WORKERS, 1910 TO 1930, AND TOTAL LABOR FORCE, 1940 AND 1950, BY AGE AND SEX

[Persons 14 years old and over. See also *Historical Statistics*, series D 32-45]

YEAR AND AGE (years)	POPULATION			GAINFUL WORKERS OR LABOR FORCE <sup>1</sup>					
	Total	Male	Female	Total	Male	Female	Percent of population		
							Total	Male	Female
<b>1910</b>									
Total.....	64,321,252	33,361,779	30,959,473	37,271,360	29,482,534	7,788,826	57.9	88.4	25.2
14 and 15.....	3,569,347	1,798,449	1,770,898	1,094,249	744,109	350,140	30.7	41.4	19.8
16 to 20.....	9,197,000	4,564,179	4,632,821	5,463,223	3,615,623	1,847,600	59.4	79.2	39.9
21 to 44 <sup>2</sup> .....	34,181,292	17,849,843	16,331,449	21,565,178	17,262,209	4,302,969	63.1	96.7	26.3
45 and over.....	17,373,613	9,149,308	8,224,305	9,148,710	7,860,593	1,288,117	52.7	85.9	15.7
<b>1920</b>									
Total.....	74,144,443	37,953,960	36,190,483	41,236,185	32,806,478	8,429,707	55.6	86.4	23.3
14 and 15.....	3,907,710	1,958,976	1,948,734	682,795	455,989	226,806	17.5	23.3	11.6
16 and 17.....	3,828,131	1,902,867	1,925,264	1,712,648	1,103,456	609,192	44.7	58.0	31.6
18 and 19.....	3,740,980	1,845,246	1,895,734	2,246,203	1,443,968	802,235	60.0	78.3	42.3
20 to 24.....	9,277,021	4,527,045	4,749,976	5,930,467	4,121,392	1,809,075	63.9	91.0	38.1
25 to 44.....	31,278,522	16,028,920	15,249,602	18,996,959	15,579,586	3,417,373	60.7	97.2	22.4
45 to 64.....	17,030,165	9,114,960	7,915,205	9,904,654	8,552,175	1,352,479	58.2	93.8	17.1
65 and over.....	4,933,215	2,483,071	2,450,144	1,689,737	1,492,837	196,900	34.3	60.1	8.0
Age unknown.....	148,699	92,875	55,824	72,722	57,075	15,647	48.9	61.5	28.0
<b>1930</b>									
Total.....	89,100,555	45,087,507	44,013,048	48,594,592	37,915,544	10,679,048	54.5	84.1	24.3
14 and 15.....	4,678,084	2,361,134	2,316,950	431,790	298,482	133,308	9.2	12.6	5.8
16 and 17.....	4,663,137	2,339,070	2,324,067	1,478,841	964,494	514,347	31.7	41.2	22.1
18 and 19.....	4,593,279	2,264,107	2,329,172	2,542,213	1,599,768	942,445	55.3	70.7	40.5
20 to 24.....	10,870,378	5,336,815	5,533,563	7,147,053	4,799,505	2,347,548	65.7	89.9	42.4
25 to 34.....	18,954,029	9,421,966	9,532,063	11,823,004	9,168,666	2,654,338	62.4	97.3	27.8
35 to 44.....	17,198,840	8,816,319	8,382,521	10,500,540	8,608,202	1,892,338	61.1	97.6	22.6
45 to 54.....	13,018,083	6,803,569	6,214,514	7,331,161	6,565,135	1,266,026	60.2	96.5	20.4
55 to 64.....	8,396,898	4,367,500	4,029,398	4,590,592	3,941,514	649,078	54.7	90.2	16.1
65 and over.....	6,633,805	3,325,211	3,308,594	2,204,967	1,938,749	266,218	33.2	58.3	8.0
Age unknown.....	94,022	51,816	42,206	44,431	31,029	13,402	47.3	59.9	31.8
<b>1940</b>									
Total.....	101,102,924	50,553,748	50,549,176	52,789,499	39,944,240	12,845,259	52.2	79.0	25.4
14 and 15.....	4,828,249	2,440,453	2,387,796	249,521	195,919	53,602	5.2	8.0	2.2
16 and 17.....	4,892,170	2,462,443	2,429,727	1,029,291	715,027	314,264	21.0	29.0	12.9
18 and 19.....	5,018,834	2,495,373	2,523,461	2,645,289	1,635,798	1,009,491	52.7	65.6	40.0
20 to 24.....	11,587,835	5,692,392	5,895,443	7,670,549	5,011,457	2,659,092	66.2	88.0	45.1
25 to 34.....	21,339,026	10,520,974	10,818,052	13,576,571	10,015,331	3,561,240	63.6	95.2	32.9
35 to 44.....	18,333,220	9,164,794	9,168,426	11,143,700	8,678,280	2,465,420	60.8	94.7	26.9
45 to 54.....	15,512,071	7,962,019	7,550,052	8,995,585	7,329,310	1,666,275	58.0	92.1	22.1
55 to 64.....	10,572,205	5,409,180	5,163,025	5,378,609	4,533,909	844,700	50.9	83.8	16.4
65 and over.....	9,019,314	4,406,120	4,613,194	2,100,384	1,829,209	271,175	23.3	41.5	5.9
<b>1950 <sup>3</sup></b>									
Total.....	111,703,400	54,601,105	57,102,295	59,642,990	43,091,000	16,551,990	53.4	78.9	29.0
14 and 15.....	4,267,395	2,168,530	2,098,865	444,830	336,870	107,960	10.4	15.5	5.1
16 and 17.....	4,173,735	2,109,000	2,064,735	1,123,450	756,785	366,665	26.9	35.9	17.8
18 and 19.....	4,341,485	2,135,960	2,205,525	2,392,195	1,426,475	965,720	55.1	66.8	43.8
20 to 24.....	11,437,305	5,559,265	5,878,040	7,089,460	4,536,065	2,553,395	62.0	81.9	43.2
25 to 34.....	23,641,395	11,467,290	12,174,105	14,422,005	10,555,925	3,866,080	61.0	92.1	31.8
35 to 44.....	21,239,845	10,402,195	10,837,650	13,620,410	9,828,295	3,792,115	64.1	94.5	35.0
45 to 54.....	17,172,120	8,484,515	8,687,605	10,658,870	7,801,905	2,856,965	62.1	92.0	32.9
55 to 64.....	13,173,270	6,540,100	6,633,170	7,004,880	5,452,135	1,552,745	53.2	83.4	23.4
65 and over.....	12,256,850	5,734,250	6,522,600	2,886,890	2,379,545	507,345	23.6	41.5	7.8

<sup>1</sup> For differences in concepts, see text, p. 181.

<sup>2</sup> Including data for age unknown.

<sup>3</sup> Based on 20-percent sample. See source for explanation of sampling variability.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, *Population*, Vol. III, and *U. S. Census of Population; 1950*, Vol. II, Part 1.



# No. 220.—EMPLOYMENT STATUS OF THE NONINSTITUTIONAL POPULATION, BY SEX: 1929 TO 1954

[In thousands of persons 14 years old and over. Data in tables based on Current Population Survey (see Sampling Note and Technical Note, p. 183) are not entirely comparable with those presented in tables which are based on Decennial Census reports. See also *Historical Statistics*, series D 11-31]

ANNUAL AVERAGE OR MONTHLY ESTIMATE	Total noninsti- tutional popula- tion <sup>1</sup>	LABOR FORCE						NOT IN LABOR FORCE				
		Total, includ- ing Armed Forces	Civilian labor force					Total	Keep- ing house	In school	Other	
			Total	Employed			Unemployed					
				Total	Non- agri- cultural	Agri- cul- ture	Num- ber					Per- cent
BOTH SEXES												
1929		49,440	49,180	47,630			1,550	3.2				
1930		50,080	49,820	45,480			4,340	8.7				
1931		50,680	50,420	42,400			8,020	15.9				
1932		51,250	51,000	38,940			12,060	23.6				
1933		51,840	51,590	38,760			12,830	24.9				
1934		52,490	52,230	40,890			11,340	21.7				
1935		53,140	52,870	42,260			10,610	20.1				
1936		53,740	53,440	44,410			9,030	16.9				
1937		54,320	54,000	46,300			7,700	14.3				
1938		54,950	54,610	44,220			10,390	19.0				
1939		55,600	55,230	45,750			9,480	17.2				
1940	100,230	56,030	55,640	47,520	37,980	9,540	8,120	14.6	44,200			
1941	101,370	57,380	55,910	50,350	41,250	9,100	5,560	9.9	43,990			
1942	102,460	60,230	56,410	53,750	44,500	9,250	2,660	4.7	42,230	28,690	6,370	
1943	103,510	64,410	55,540	54,470	45,390	9,080	1,070	1.9	39,100	27,320	5,100	
1944	104,480	65,890	54,630	53,960	45,010	8,950	670	1.2	38,590	27,350	4,540	
1945	105,370	65,140	53,860	52,820	44,240	8,580	1,040	1.9	40,230	27,760	4,830	
1946	106,370	60,820	57,520	55,250	46,930	8,320	2,270	3.9	45,550	31,020	6,360	
1947	107,458	61,608	60,168	58,027	49,761	8,266	2,142	3.6	45,850	32,441	6,446	
1948	108,482	62,748	61,442	59,378	51,405	7,973	2,064	3.4	45,733	32,850	6,178	
1949	109,623	63,571	62,105	58,710	50,684	8,026	3,395	5.5	46,051	33,067	6,093	
1950	110,779	64,599	63,099	59,957	52,450	7,507	3,142	5.0	46,181	33,058	6,197	
1951	111,924	65,832	62,884	61,005	53,951	7,054	1,879	3.0	46,092	33,105	5,829	
1952	113,136	66,426	62,966	61,293	54,488	6,805	1,673	2.7	46,710	33,334	6,040	
1953	115,046	66,965	63,418	61,894	55,366	6,528	1,523	2.4	48,081	34,242	6,087	
1954 <sup>2</sup>	116,220	67,818	64,468	61,238	54,734	6,504	3,230	5.0	48,402	33,893	6,310	
March	115,914	67,218	63,825	60,100	54,225	5,875	3,725	5.8	48,696	33,537	7,948	
June	116,153	68,788	65,445	62,098	54,470	7,628	3,347	5.1	47,365	34,397	3,743	
September	116,432	68,565	65,243	62,144	54,617	7,527	3,099	4.8	47,866	33,369	6,179	
December	116,763	66,811	63,526	60,688	55,363	5,325	2,838	4.5	49,952	34,123	8,599	
MALE												
1940	49,930	41,870	41,480	35,550	27,100	8,450	5,930	14.3	8,060			
1941	50,420	42,740	41,270	37,350	29,520	7,830	3,920	9.5	7,680			
1942	50,910	44,110	40,300	38,580	30,980	7,600	1,720	4.3	6,800	50	2,980	
1943	51,390	45,600	36,840	36,270	29,170	7,100	570	1.5	5,790	80	2,230	
1944	51,830	46,520	35,460	35,110	28,090	7,020	350	1.0	5,310	60	1,830	
1945	52,120	45,870	34,830	34,210	27,600	6,610	620	1.8	6,250	40	2,070	
1946	52,540	43,980	40,740	38,940	32,180	6,760	1,800	4.4	8,560	70	3,210	
1947	52,935	44,694	43,272	41,677	34,725	6,953	1,595	3.7	8,242	60	3,437	
1948	53,363	45,150	43,858	42,428	35,795	6,633	1,430	3.3	8,213	51	3,367	
1949	53,877	45,524	44,075	41,660	35,023	6,638	2,415	5.5	8,354	62	3,306	
1950	54,376	45,919	44,442	42,287	36,007	6,280	2,155	4.9	8,457	81	3,244	
1951	54,846	46,524	43,612	42,490	36,093	5,797	1,123	2.6	8,322	98	2,940	
1952	55,370	46,868	43,454	42,391	36,756	5,635	1,062	2.4	8,502	69	3,002	
1953	56,496	47,555	44,055	43,026	37,553	5,473	1,029	2.3	8,940	86	3,021	
1954 <sup>2</sup>	57,016	47,847	44,537	42,377	36,941	5,436	2,160	4.8	9,169	111	3,152	
FEMALE												
1940	50,300	14,160	14,160	11,970	10,880	1,090	2,190	15.5	36,140			
1941	50,950	14,640	14,640	13,000	11,730	1,270	1,640	11.2	36,310			
1942	51,550	16,120	16,110	15,170	13,520	1,650	940	5.8	35,430	28,640	3,390	
1943	52,120	18,810	18,700	18,200	16,220	1,980	500	2.7	33,310	27,240	2,870	
1944	52,650	19,370	19,170	18,850	16,920	1,930	320	1.7	33,280	27,290	2,710	
1945	53,250	19,270	19,030	18,610	16,640	1,970	420	2.2	33,980	27,720	2,760	
1946	53,830	16,840	16,780	16,310	14,750	1,560	470	2.8	36,990	30,950	3,150	
1947	54,523	16,915	16,896	16,349	15,036	1,314	547	3.2	37,608	32,380	3,009	
1948	55,118	17,599	17,583	16,950	15,610	1,340	633	3.6	37,520	32,799	2,810	
1949	55,745	18,048	18,030	17,049	15,661	1,388	981	5.4	37,697	33,005	2,786	
1950	56,404	18,680	18,657	17,670	16,443	1,227	987	5.3	37,724	32,977	2,954	
1951	57,078	19,309	19,272	18,515	17,258	1,257	756	3.9	37,770	33,007	2,888	
1952	57,767	19,559	19,513	18,902	17,732	1,170	611	3.1	38,208	33,266	3,038	
1953	58,550	19,410	19,363	18,868	17,813	1,055	494	2.6	39,141	34,156	3,066	
1954 <sup>2</sup>	59,203	19,970	19,931	18,861	17,793	1,068	1,070	5.4	39,233	33,782	3,158	

<sup>1</sup> Excludes inmates of penal and mental institutions and homes for the aged, infirm, and needy.

<sup>2</sup> Based on new sample; not entirely comparable with previous years.

Source: 1929-39, Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics*, 1947 edition. Later data, Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, Nos. 2, 13, 19, 31, and 40, and Series P-57.

## No. 221.—CIVILIAN LABOR FORCE, BY AGE AND SEX: 1947 TO 1954

[In thousands of persons 14 years old and over. See headnote, table 220]

ANNUAL AVERAGE OR MONTHLY ESTIMATE	MALE						FEMALE					
	Total	14 to 19 years	20 to 24 years	25 to 44 years	45 to 64 years	65 and over	Total	14 to 19 years	20 to 24 years	25 to 44 years	45 to 64 years	65 and over
1947.....	43,272	3,073	4,629	19,699	13,495	2,376	16,896	2,067	2,716	7,416	4,253	445
1948.....	43,858	3,173	4,674	19,923	13,706	2,384	17,583	2,083	2,719	7,732	4,537	514
1949.....	44,075	3,054	4,681	20,131	13,756	2,454	18,030	2,053	2,659	7,986	4,777	556
1950.....	44,442	3,127	4,632	20,320	13,911	2,454	18,657	1,980	2,675	8,253	5,166	584
1951.....	43,612	2,957	3,935	20,173	14,078	2,469	19,272	2,013	2,659	8,593	5,457	551
1952.....	43,454	2,896	3,358	20,530	14,276	2,415	19,513	1,996	2,502	8,758	5,668	590
1953.....	44,055	2,867	3,073	21,109	14,492	2,515	19,363	1,915	2,415	8,682	5,688	663
1954 <sup>1</sup> .....	44,537	2,868	3,052	21,285	14,807	2,525	19,931	1,933	2,424	8,921	5,986	666
January.....	43,793	2,517	2,981	21,208	14,660	2,428	19,047	1,766	2,224	8,751	5,698	608
February.....	44,167	2,618	3,002	21,300	14,728	2,519	19,558	1,766	2,298	9,060	5,821	613
March.....	44,057	2,582	3,033	21,262	14,653	2,529	19,768	1,812	2,358	9,107	5,844	645
April.....	44,337	2,630	3,057	21,297	14,816	2,537	19,726	1,780	2,350	9,008	5,936	652
May.....	44,471	2,793	3,033	21,313	14,793	2,540	19,954	1,722	2,410	9,028	6,143	651
June.....	45,317	3,531	3,112	21,369	14,760	2,544	20,129	2,264	2,437	8,795	5,997	637
July.....	45,658	3,846	3,221	21,330	14,768	2,494	19,837	2,374	2,423	8,625	5,751	664
August.....	45,669	3,691	3,226	21,324	14,849	2,578	19,853	2,257	2,425	8,702	5,788	681
September.....	44,724	2,798	3,105	21,306	14,938	2,576	20,520	2,030	2,595	9,019	6,177	699
October.....	44,318	2,592	2,947	21,216	14,945	2,618	20,564	1,931	2,551	9,058	6,265	760
November.....	44,180	2,484	2,977	21,252	14,915	2,550	20,445	1,799	2,564	9,091	6,309	682
December.....	43,758	2,337	2,926	21,243	14,864	2,389	19,767	1,700	2,454	8,813	6,103	697

<sup>1</sup> Based on new sample; not entirely comparable with previous years.Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, Nos. 2, 13, 19, 31, and 40, and Series P-57.

## No. 222.—CIVILIANS EMPLOYED IN AGRICULTURE AND IN NONAGRICULTURAL INDUSTRIES, BY HOURS WORKED DURING THE SURVEY WEEK: 1945 TO 1954

[In thousands of persons 14 years old and over. Distribution by hours worked affected by occurrence of legal holidays in some survey weeks (calendar weeks containing 8th of each month). See headnote, table 220]

ANNUAL AVERAGE OR MONTHLY ESTIMATE	EMPLOYED IN AGRICULTURE					EMPLOYED IN NONAGRICULTURAL INDUSTRIES				
	Total	Work- ed 35 hours or more	Work- ed 15 to 34 hours	Work- ed 1 to 14 hours	With a job but not at work <sup>1</sup>	Total	Work- ed 35 hours or more	Work- ed 15 to 34 hours	Work- ed 1 to 14 hours	With a job but not at work <sup>1</sup>
1945.....	8,580	6,330	1,800	230	220	44,240	36,540	4,540	1,370	1,790
1946.....	8,320	6,250	1,660	210	200	46,930	39,460	4,200	1,210	2,060
1947.....	8,266	6,097	1,643	241	285	49,761	41,538	4,627	1,407	2,188
1948.....	7,973	5,808	1,637	242	287	51,405	40,411	6,888	1,641	2,465
1949.....	8,026	5,906	1,621	291	209	50,684	38,479	8,069	1,816	2,321
1950.....	7,507	5,394	1,589	294	231	52,450	39,858	8,179	1,997	2,417
1951.....	7,054	5,108	1,486	263	197	53,951	42,554	6,898	2,016	2,483
1952.....	6,805	4,992	1,418	201	194	54,488	44,559	5,478	1,831	2,620
1953.....	6,528	4,804	1,339	204	181	55,366	44,358	6,726	1,782	2,501
1954 <sup>2</sup> .....	6,504	4,710	1,312	292	190	54,734	40,050	9,715	2,122	2,846
January.....	5,284	3,353	1,263	375	291	54,469	43,835	6,087	2,203	2,345
February.....	5,704	3,845	1,282	302	275	54,351	42,826	7,247	2,265	2,013
March.....	5,875	4,297	1,099	304	178	54,225	44,290	5,804	2,364	1,764
April.....	6,076	4,231	1,336	283	226	54,522	43,603	6,480	2,379	2,060
May.....	6,822	4,957	1,436	285	147	54,297	43,962	6,211	2,133	1,990
June.....	7,628	5,932	1,336	234	128	54,470	43,502	6,226	1,904	2,837
July <sup>3</sup> .....	7,486	5,324	1,683	319	160	54,661	21,937	23,005	1,886	7,832
August.....	6,928	5,163	1,214	327	221	55,349	42,514	5,727	1,753	5,355
September <sup>3</sup> .....	7,527	5,684	1,527	220	98	54,618	23,998	25,560	1,984	3,075
October.....	7,239	5,352	1,465	296	127	54,902	43,665	7,144	2,194	1,899
November <sup>3</sup> .....	6,154	4,598	1,127	259	168	55,577	40,506	11,196	2,322	1,553
December.....	5,325	3,788	977	302	259	55,363	45,957	5,891	2,079	1,436

<sup>1</sup> Persons who had a job or business, but who did not work at all during entire survey week because of illness, bad weather, vacation, labor dispute, or because of temporary layoff with definite instructions to return to work within 30 days of layoff. Also persons scheduled to report within 30 days to new job.<sup>2</sup> Based on new sample; not entirely comparable with previous years.<sup>3</sup> Survey week contains legal holiday.Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, Nos. 2, 13, 19, 31, and 40, and Series P-57.



## No. 223.—UNEMPLOYED PERSONS, BY DURATION OF UNEMPLOYMENT: 1946 to 1954

[In thousands of persons 14 years old and over. Figures represent annual averages. See headnote, table 220]

YEAR	Civilian labor force	UNEMPLOYED					Average duration of un- employ- ment in weeks
		Total	Percent of civilian labor force	Percent without work for—			
				10 weeks or less	11 to 26 weeks	Over 26 weeks	
1946.....	57, 520	2, 270	3. 9	( <sup>1</sup> )	( <sup>1</sup> )	6. 2	( <sup>1</sup> )
1947.....	60, 168	2, 142	3. 6	72. 5	19. 9	7. 7	9. 8
1948.....	61, 442	2, 064	3. 4	77. 1	17. 3	5. 6	8. 6
1949.....	62, 105	3, 395	5. 5	70. 1	22. 3	7. 5	10. 0
1950.....	63, 099	3, 142	5. 0	65. 6	23. 1	11. 4	12. 1
1951.....	62, 884	1, 879	3. 0	75. 8	17. 0	7. 3	9. 7
1952.....	62, 966	1, 673	2. 7	78. 7	16. 4	5. 0	9. 3
1953.....	63, 418	1, 523	2. 4	79. 6	15. 8	4. 7	7. 9
1954 <sup>2</sup> .....	64, 468	3, 230	5. 0	65. 4	24. 8	9. 8	11. 7

<sup>1</sup> Not available.      <sup>2</sup> Based on new sample; not entirely comparable with previous years.Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-57, and records.

## No. 224.—WORK EXPERIENCE DURING YEAR OF PERSONS IN CIVILIAN NONINSTITUTIONAL POPULATION: 1952 TO 1954

[In thousands of persons 14 years old and over. Population figures as of January of following year]

WORK EXPERIENCE DURING YEAR	1952		1953		1954	
	Number	Percent	Number	Percent	Number	Percent
Total noninstitutional population.....	110,648	-----	112,286	-----	113,652	-----
<b>Total who worked during year</b> .....	<b>70,512</b>	<b>100.0</b>	<b>70,682</b>	<b>100.0</b>	<b>71,799</b>	<b>100.0</b>
Worked at full-time jobs 50 to 52 weeks.....	40,486	57.4	41,601	58.9	40,080	55.8
Worked at full-time jobs 27 to 49 weeks.....	12,374	17.5	12,003	17.0	12,025	16.8
27 to 39 weeks.....	4,712	6.7	4,285	6.1	4,490	6.3
40 to 47 weeks.....	5,082	7.2	4,966	7.0	4,978	6.9
48 or 49 weeks.....	2,580	3.7	2,752	3.9	2,557	3.6
Worked part-time or intermittently.....	17,652	25.0	17,078	24.2	19,692	27.4
Worked at full-time jobs 13 weeks or less.....	3,564	5.1	3,179	4.5	3,944	5.5
Worked at full-time jobs 14 to 26 weeks.....	3,870	5.5	3,749	5.3	4,010	5.6
Worked at part-time jobs.....	10,218	14.5	10,150	14.4	11,738	16.3
Male noninstitutional population.....	52,502	-----	53,411	-----	54,124	-----
<b>Total who worked during year</b> .....	<b>45,704</b>	<b>100.0</b>	<b>46,146</b>	<b>100.0</b>	<b>46,319</b>	<b>100.0</b>
Worked at full-time jobs 50 to 52 weeks.....	30,878	67.6	31,902	69.1	30,389	65.6
Worked at full-time jobs 27 to 49 weeks.....	7,922	17.3	7,317	15.9	7,567	16.4
27 to 39 weeks.....	2,540	5.6	2,200	4.8	2,394	5.2
40 to 47 weeks.....	3,482	7.6	3,225	7.0	3,317	7.2
48 or 49 weeks.....	1,900	4.2	1,892	4.1	1,856	4.0
Worked part-time or intermittently.....	6,904	15.1	6,927	15.0	8,362	18.0
Worked at full-time jobs 13 weeks or less.....	1,322	2.9	1,305	2.8	1,533	3.3
Worked at full-time jobs 14 to 26 weeks.....	1,694	3.7	1,535	3.3	1,915	4.1
Worked at part-time jobs.....	3,888	8.5	4,087	8.9	4,914	10.6
Female noninstitutional population.....	58,146	-----	58,876	-----	59,528	-----
<b>Total who worked during year</b> .....	<b>24,808</b>	<b>100.0</b>	<b>24,536</b>	<b>100.0</b>	<b>25,480</b>	<b>100.0</b>
Worked at full-time jobs 50 to 52 weeks.....	9,608	38.7	9,699	39.5	9,691	38.0
Worked at full-time jobs 27 to 49 weeks.....	4,452	17.9	4,686	19.1	4,458	17.5
27 to 39 weeks.....	2,172	8.8	2,085	8.5	2,096	8.2
40 to 47 weeks.....	1,600	6.4	1,741	7.1	1,661	6.5
48 or 49 weeks.....	680	2.7	860	3.5	701	2.8
Worked part-time or intermittently.....	10,748	43.3	10,151	41.4	11,330	44.5
Worked at full-time jobs 13 weeks or less.....	2,242	9.0	1,874	7.6	2,411	9.5
Worked at full-time jobs 14 to 26 weeks.....	2,176	8.8	2,214	9.0	2,095	8.2
Worked at part-time jobs.....	6,330	25.5	6,063	24.7	6,824	26.8

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, Nos. 48, 54, and 59.

## No. 225.—EMPLOYMENT STATUS OF THE POPULATION, BY SEX, BY STATES: 1950

[In thousands of persons 14 years old and over]

DIVISION AND STATE	TOTAL LABOR FORCE						CIVILIAN LABOR FORCE				Not in labor force
	Both sexes		Male		Female		Total	Em- ployed	Unemployed		
	Number	Percent of pop- ulation 14 years and over	Number	Percent of pop- ulation 14 years and over	Number	Percent of pop- ulation 14 years and over			Number	Percent of ci- vilian labor force	
United States.....	60,054	53.5	43,553	78.7	16,501	28.9	59,072	56,239	2,832	4.8	52,300
New England.....	3,896	54.4	2,675	77.4	1,221	32.9	3,846	3,611	235	6.1	3,269
Maine.....	345	51.2	250	75.5	95	27.7	342	312	30	8.8	330
New Hampshire.....	218	53.7	150	75.9	68	32.6	217	203	14	6.6	187
Vermont.....	146	52.4	106	77.5	40	28.3	145	137	8	5.5	132
Massachusetts.....	1,962	53.9	1,331	76.8	631	33.1	1,939	1,827	112	5.8	1,677
Rhode Island.....	345	56.0	234	77.9	110	35.0	328	305	24	7.2	271
Connecticut.....	881	56.7	604	79.9	277	34.8	875	828	47	5.4	672
Middle Atlantic.....	12,630	53.9	8,918	78.5	3,713	30.8	12,551	11,838	713	5.7	10,804
New York.....	6,353	54.5	4,406	78.4	1,947	32.3	6,325	5,944	381	6.0	5,298
New Jersey.....	2,102	55.8	1,485	80.7	618	32.0	2,068	1,963	105	5.1	1,668
Pennsylvania.....	4,175	52.1	3,027	77.5	1,148	27.9	4,158	3,931	226	5.4	3,838
East North Central.....	12,447	54.3	9,090	80.2	3,357	29.0	12,389	11,873	516	4.2	10,489
Ohio.....	3,209	53.5	2,345	79.9	864	28.2	3,201	3,060	142	4.4	2,787
Indiana.....	1,570	53.5	1,159	80.0	411	27.6	1,567	1,518	49	3.1	1,366
Illinois.....	3,729	55.4	2,658	80.3	1,071	31.3	3,694	3,546	148	4.0	2,999
Michigan.....	2,541	53.8	1,898	80.1	643	27.3	2,530	2,394	136	5.4	2,177
Wisconsin.....	1,399	54.7	1,029	80.5	369	28.9	1,396	1,355	41	2.9	1,159
West North Central.....	5,537	52.6	4,130	79.0	1,407	26.6	5,511	5,353	158	2.9	4,981
Minnesota.....	1,188	54.0	874	79.3	314	28.5	1,186	1,144	42	3.5	1,013
Iowa.....	1,022	52.3	772	79.7	250	25.3	1,021	1,002	19	1.8	932
Missouri.....	1,577	52.2	1,141	77.8	436	28.0	1,574	1,522	52	3.3	1,446
North Dakota.....	233	53.1	186	80.5	47	22.6	232	224	9	3.8	206
South Dakota.....	252	53.3	198	80.7	54	23.7	249	242	7	2.8	221
Nebraska.....	527	52.9	398	79.7	129	26.0	523	512	12	2.2	469
Kansas.....	739	51.6	561	78.8	178	24.7	726	708	18	2.5	694
South Atlantic.....	8,263	54.4	5,899	79.1	2,364	30.6	7,965	7,657	309	3.9	6,930
Delaware.....	131	54.6	94	79.8	37	30.4	131	127	4	3.1	109
Maryland.....	973	55.7	699	80.9	275	31.1	938	895	44	4.6	775
Dist. of Columbia.....	404	62.2	236	78.5	168	48.2	388	373	15	3.9	245
Virginia.....	1,306	54.3	974	80.5	331	27.8	1,197	1,150	47	3.9	1,099
West Virginia.....	660	47.0	522	74.5	138	19.6	660	628	31	4.8	746
North Carolina.....	1,555	55.0	1,114	80.1	441	30.7	1,513	1,463	50	3.3	1,270
South Carolina.....	798	56.2	553	80.3	246	33.5	782	755	27	3.4	623
Georgia.....	1,337	55.3	941	80.6	396	31.7	1,299	1,255	44	3.4	1,079
Florida.....	1,099	52.7	766	75.2	333	31.2	1,057	1,010	48	4.5	985
East South Central.....	4,055	50.4	3,054	77.6	1,001	24.4	3,992	3,839	154	3.8	3,992
Kentucky.....	1,013	48.5	799	76.9	214	20.4	991	955	36	3.6	1,075
Tennessee.....	1,200	50.9	889	77.3	311	25.7	1,182	1,136	46	3.9	1,159
Alabama.....	1,085	51.2	797	77.7	289	26.4	1,076	1,031	45	4.2	1,033
Mississippi.....	757	51.1	569	78.7	188	24.8	743	717	26	3.5	724
West South Central.....	5,345	51.2	4,019	77.8	1,327	25.2	5,218	5,003	214	4.1	5,087
Arkansas.....	648	48.5	505	76.6	142	21.1	646	616	30	4.7	687
Louisiana.....	929	49.3	690	75.5	239	24.6	918	876	42	4.6	954
Oklahoma.....	797	48.8	601	74.4	195	23.8	783	754	30	3.8	835
Texas.....	2,972	53.2	2,222	79.9	750	26.8	2,871	2,758	112	3.9	2,611
Mountain.....	1,892	52.5	1,438	78.1	454	25.8	1,845	1,747	98	5.6	1,709
Montana.....	232	54.0	181	79.7	51	25.1	230	218	12	5.1	198
Idaho.....	218	53.0	171	80.1	47	23.9	218	206	12	5.5	194
Wyoming.....	120	56.9	94	82.9	25	26.2	113	108	5	4.3	91
Colorado.....	513	52.4	376	76.9	137	27.8	498	477	21	4.2	467
New Mexico.....	230	50.4	179	76.7	51	22.9	218	207	12	5.4	226
Arizona.....	265	50.8	197	74.9	68	26.2	258	239	20	7.6	258
Utah.....	243	51.7	186	78.9	57	24.4	241	229	13	5.2	227
Nevada.....	71	58.8	53	82.0	18	31.9	68	64	5	6.7	50
Pacific.....	5,988	54.3	4,332	78.3	1,656	30.1	5,755	5,319	436	7.6	5,039
Washington.....	958	53.7	719	78.1	239	27.7	901	840	61	6.7	824
Oregon.....	620	54.5	457	79.3	162	28.9	617	577	40	6.5	518
California.....	4,411	54.4	3,156	78.2	1,255	30.8	4,238	3,902	335	7.9	3,697

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II, Part 1.



**No. 226.—EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS (ANNUAL AVERAGE),  
BY INDUSTRY DIVISION: 1919 TO 1954**

[In thousands. Includes all full-and part-time employees who worked during, or received pay for, any part of the pay period reported. Excludes proprietors, self-employed persons, farm workers, unpaid family workers, domestic servants, and personnel of Armed Forces. Data have been adjusted to 1st quarter 1954 benchmark levels indicated by data from Government social insurance programs]

YEAR	Total	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade <sup>1</sup>	Finance, insurance, and real estate	Service and miscellaneous <sup>1</sup>	Government
1919	26,829	1,124	1,021	10,534	3,711	4,664	1,050	2,054	2,671
1920	27,088	1,230	848	10,534	3,998	4,623	1,110	2,142	2,603
1925	28,505	1,080	1,446	9,786	3,824	5,810	1,166	2,591	2,802
1929	31,041	1,078	1,497	10,534	3,907	6,401	1,431	3,127	3,066
1930	29,143	1,000	1,372	9,401	3,675	6,064	1,398	3,084	3,149
1935	26,792	888	912	8,907	2,771	5,692	1,262	2,883	3,477
1940	32,058	916	1,294	10,780	3,013	6,940	1,436	3,477	4,202
1943	42,106	917	1,567	17,381	3,619	7,189	1,435	3,919	6,080
1944	41,534	883	1,094	17,111	3,798	7,260	1,409	3,934	6,043
1945	40,037	826	1,132	15,302	3,872	7,522	1,428	4,011	5,944
1946	41,287	852	1,661	14,461	4,023	8,602	1,619	4,474	5,595
1947	43,462	943	1,982	15,290	4,122	9,196	1,672	4,783	5,474
1948	44,448	982	2,169	15,321	4,141	9,519	1,741	4,925	5,650
1949	43,315	918	2,165	14,178	3,949	9,513	1,765	4,972	5,856
1950	44,738	889	2,333	14,967	3,977	9,645	1,824	5,077	6,026
1951	47,347	916	2,603	16,104	4,166	10,012	1,892	5,264	6,389
1952	48,303	885	2,634	16,334	4,185	10,281	1,967	5,411	6,609
1953	49,681	852	2,622	17,238	4,221	10,527	2,038	5,538	6,645
1954	48,283	770	2,527	15,989	4,008	10,498	2,114	5,629	6,749

<sup>1</sup> Beginning 1940, automotive repair service included under "Service and miscellaneous"; previously included under "Wholesale and retail trade."

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in *Monthly Labor Review* and *Employment and Earnings*.

**No. 227.—ALL EMPLOYEES AND PRODUCTION WORKERS IN MANUFACTURING  
INDUSTRY GROUPS (ANNUAL AVERAGE): 1952 TO 1954**

[In thousands. Includes all full-and part-time employees who worked during, or received pay for, any part of the pay period ending nearest 15th of month. Data have been adjusted to 1st quarter 1954 benchmark levels indicated by data from Government social insurance programs]

INDUSTRY GROUP	ALL EMPLOYEES			PRODUCTION WORKERS		
	1952	1953	1954	1952	1953	1954
<b>Manufacturing</b>	<b>16,334</b>	<b>17,238</b>	<b>15,989</b>	<b>13,144</b>	<b>13,833</b>	<b>12,588</b>
<b>Durable goods</b>	<b>9,340</b>	<b>10,105</b>	<b>9,120</b>	<b>7,539</b>	<b>8,148</b>	<b>7,184</b>
Ordnance and accessories	178.7	234.3	160.8	135.0	179.9	115.5
Lumber and wood products (except furniture)	788.7	767.6	705.8	719.1	698.0	639.3
Furniture and fixtures	361.4	374.6	345.2	309.3	319.9	290.5
Stone, clay, and glass products	527.5	543.2	514.2	447.7	460.1	431.0
Primary metal industries	1,232.0	1,332.7	1,185.0	1,043.7	1,131.0	990.6
Fabricated metal products (except ordnance, machinery, and transportation equipment)	1,042.0	1,139.3	1,045.2	847.5	930.4	837.5
Machinery (except electrical)	1,664.4	1,707.9	1,551.1	1,279.9	1,303.1	1,147.8
Electrical machinery	1,084.1	1,219.8	1,088.6	817.4	925.1	794.6
Transportation equipment	1,693.4	1,952.6	1,744.9	1,334.2	1,542.9	1,334.9
Instruments and related products	310.2	334.8	315.7	227.5	243.7	223.3
Miscellaneous manufacturing industries	457.4	498.5	463.3	378.1	413.4	379.0
<b>Nondurable goods</b>	<b>6,994</b>	<b>7,133</b>	<b>6,870</b>	<b>5,604</b>	<b>5,685</b>	<b>5,404</b>
Food and kindred products	1,548.2	1,557.9	1,530.2	1,137.2	1,136.2	1,100.4
Tobacco manufactures	105.6	103.6	102.4	96.7	95.1	93.9
Textile-mill products	1,195.6	1,185.8	1,069.4	1,100.5	1,090.2	975.7
Apparel and other finished textile products	1,199.8	1,231.7	1,172.5	1,074.7	1,102.9	1,046.2
Paper and allied products	503.7	530.4	530.6	420.9	441.8	439.3
Printing, publishing, and allied industries	769.3	791.9	800.1	500.5	512.5	514.0
Chemicals and allied products	770.0	807.0	791.0	536.9	552.5	531.7
Products of petroleum and coal	253.9	260.4	253.0	182.6	186.5	177.1
Rubber products	266.7	278.0	250.2	211.7	220.5	194.7
Leather and leather products	381.2	386.2	370.1	342.5	346.8	330.6

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in *Monthly Labor Review* and *Employment and Earnings*.

## No. 228.—EMPLOYEES IN SELECTED NONMANUFACTURING INDUSTRIES: 1952 TO 1954

[In thousands. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period ending nearest 15th of month. Data have been adjusted to 1st quarter 1954 benchmark levels indicated by data from Government social insurance programs]

INDUSTRY	ANNUAL AVERAGE			1954					
	1952	1953	1954	Feb.	Apr.	June	Aug.	Oct.	Dec.
<b>Mining</b> .....	885	852	770	810	772	771	763	743	747
Metal mining <sup>1</sup> .....	99.8	106.0	98.1	103.9	99.2	100.4	99.1	90.5	92.5
Iron mining.....	33.5	40.1	35.2	38.2	36.0	35.8	35.1	32.9	29.8
Copper mining.....	26.5	28.6	27.4	29.1	27.4	28.4	28.3	24.8	27.6
Lead and zinc mining.....	21.2	17.8	16.2	17.2	16.5	16.5	16.3	14.6	15.9
Anthracite.....	63.4	54.0	41.1	47.9	44.6	36.0	34.5	43.4	43.3
Bituminous coal.....	327.8	288.9	226.7	261.0	228.1	222.4	215.2	211.0	211.7
Crude petroleum and natural gas production.....	289.8	297.4	298.8	296.4	296.4	305.2	306.3	292.3	295.6
Nonmetallic mining and quarrying.....	103.8	105.9	104.7	100.3	103.5	106.6	107.6	106.2	104.0
<b>Transportation and public utilities</b> .....	4,185	4,221	4,008	4,015	3,991	4,017	4,018	4,005	3,996
Transportation.....	2,899	2,899	2,688	2,701	2,674	2,694	2,686	2,690	2,683
Interstate railroads.....	1,399.8	1,376.9	1,215.4	1,237.1	1,202.0	1,224.5	1,220.2	1,202.9	1,186.8
Local railways and bus lines.....	133.1	129.1	126.9	130.4	130.1	127.0	125.5	124.0	122.6
Trucking and warehousing.....	699.1	731.4	719.7	709.8	706.2	709.5	715.7	737.0	748.0
Other transportation and services.....	666.9	661.3	626.3	623.9	636.0	633.0	624.5	625.8	625.9
Telephone.....	678.4	702.2	698.8	700.5	699.6	698.8	702.7	693.9	694.2
Telegraph.....	40.4	43.7	41.2	40.9	41.5	41.2	40.9	41.0	41.5
Other public utilities.....	566	576	579	572	575	582	588	579	577
<b>Trade</b> .....	10,281	10,527	10,498	10,295	10,474	10,389	10,321	10,548	11,354
Wholesale trade.....	2,743	2,784	2,796	2,798	2,768	2,761	2,784	2,819	2,860
Retail trade.....	7,537	7,744	7,702	7,497	7,706	7,628	7,537	7,729	8,494
General merchandise stores.....	1,446.1	1,444.5	1,395.8	1,298.1	1,400.0	1,316.3	1,280.3	1,398.4	1,903.0
Food and liquor stores.....	1,346.1	1,395.3	1,446.2	1,428.4	1,444.9	1,449.0	1,434.4	1,460.2	1,493.6
Automotive and accessories dealers.....	767.8	798.8	764.6	778.6	763.6	764.8	760.1	749.4	767.1
Apparel and accessories stores.....	589.1	598.6	592.4	554.2	646.9	583.5	535.4	597.5	723.2
Other retail trade.....	3,388.2	3,506.1	3,502.8	3,437.4	3,450.8	3,514.4	3,526.5	3,523.2	3,607.4
<b>Finance, insurance, and real estate</b> <sup>2</sup> .....	1,967	2,038	2,114	2,063	2,096	2,128	2,151	2,136	2,136
Banks and trust companies <sup>2</sup> .....	489.6	513.5	529.3	524.4	526.3	529.4	538.0	529.5	532.6
Security dealers and exchanges.....	65.1	65.7	67.3	64.4	65.4	66.8	69.2	69.2	70.8
Insurance carriers and agents.....	704.8	739.4	770.6	760.7	766.3	770.3	779.9	775.8	777.5
Other finance agencies and real estate.....	707.1	719.3	746.4	713.4	737.9	761.1	763.6	761.2	754.6
<b>Service and miscellaneous</b> <sup>1</sup> .....	5,411	5,538	5,629	5,476	5,611	5,715	5,750	5,660	5,588
Hotels and lodging places.....	493.3	504.3	498.0	469.3	482.6	521.6	578.9	474.4	462.9
Laundries.....	340.2	339.2	331.4	330.0	330.8	337.3	332.2	329.5	327.1
Cleaning and dyeing plants.....	166.0	166.2	160.7	159.3	166.2	166.8	155.8	159.8	155.1
Motion pictures.....	240.1	234.0	231.5	217.9	233.5	238.1	239.7	236.7	225.5

<sup>1</sup> Includes industries not shown separately.

<sup>2</sup> Includes Federal Reserve Banks and mixed ownership of Farm Credit Administration.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in *Monthly Labor Review* and *Employment and Earnings*.

## No. 229.—INDEXES OF PRODUCTION-WORKER EMPLOYMENT AND WEEKLY PAYROLLS IN MANUFACTURING INDUSTRIES, BY MONTHS: 1940 TO 1954

[1947-49=100. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period ending nearest 15th of month. Data have been adjusted to 1st quarter 1954 benchmark levels indicated by data from Government social insurance programs]

ANNUAL AVERAGE OR MONTH	EMPLOYMENT							PAYROLLS						
	1940	1945	1950	1951	1952	1953	1954	1940	1945	1950	1951	1952	1953	1954
<b>Average</b> .....	71.2	104.0	99.6	106.4	106.3	111.8	101.8	34.0	87.8	111.7	129.8	136.6	151.4	137.7
January.....	68.9	115.3	92.6	106.1	104.6	111.4	104.8	32.0	103.4	98.5	127.0	132.2	150.1	140.4
February.....	69.0	115.6	92.7	107.3	105.1	112.4	104.0	31.8	103.4	98.7	128.5	132.6	151.0	140.0
March.....	68.7	114.8	93.5	107.2	105.2	113.2	103.2	32.1	102.8	99.8	129.5	133.1	153.8	137.9
April.....	68.0	113.2	93.9	106.6	104.7	112.7	101.4	31.3	100.7	101.0	129.3	129.8	152.0	134.5
May.....	67.6	111.3	95.9	105.7	103.5	112.2	100.2	31.4	96.7	104.3	128.1	129.7	151.8	134.6
June.....	67.9	109.6	97.8	106.4	101.6	113.0	100.5	31.9	95.9	103.8	130.1	128.3	153.7	135.8
July.....	68.3	106.6	98.7	105.1	99.7	112.0	98.5	31.6	91.5	110.4	126.9	124.0	151.0	131.9
August.....	71.4	103.9	104.2	106.8	106.6	113.6	100.4	34.3	81.9	118.8	129.3	136.5	153.8	134.8
September.....	74.3	89.6	106.1	107.2	110.0	113.4	101.7	36.2	69.2	121.5	132.3	144.7	153.0	138.0
October.....	76.0	89.0	107.0	106.5	110.7	111.7	102.0	37.6	68.9	125.3	131.1	147.2	152.2	139.1
November.....	76.8	89.4	106.1	105.7	111.4	109.1	102.3	37.7	68.8	124.8	131.0	149.1	147.6	142.2
December.....	77.8	89.8	106.2	105.7	111.9	107.3	102.2	39.5	69.9	128.2	134.1	152.5	146.7	143.1

Source: Department of Labor, Bureau of Labor Statistics. Published currently in *Monthly Labor Review* and *Employment and Earnings*.



**No. 230.—EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS (ANNUAL AVERAGE),  
BY STATES: 1954**

[In thousands. See headnote, table 226. Sums of State figures differ from official U. S. totals shown in table 226 because some States have more recent benchmarks than others and use slightly varying methods of computation]

DIVISION AND STATE	Total	Mining	Contract con- struction	Manu- factur- ing	Trans- porta- tion and public utilities	Whole- sale and retail trade	Finance, insur- ance, and real estate	Service and miscel- laneous	Gov- ern- ment
<b>New England:</b>									
Maine.....	266.6	.5	13.1	105.5	19.7	52.6	7.4	26.9	40.9
New Hampshire.....	173.4	.2	7.5	79.0	10.7	31.2	5.4	19.6	19.8
Vermont.....	101.2	1.3	4.3	36.8	8.4	19.2	3.1	12.1	16.0
Massachusetts.....	1,748.5	(1)	66.6	670.5	117.4	365.0	84.8	213.3	230.8
Rhode Island.....	288.8	(1)	15.4	130.0	15.7	54.0	11.9	27.9	33.9
Connecticut.....	851.2	(2)	39.5	418.5	42.2	147.4	44.5	84.7	74.5
<b>Middle Atlantic:</b>									
New York.....	5,856.3	11.2	230.5	1,910.9	482.6	1,280.2	419.6	795.0	726.5
New Jersey.....	1,775.7	4.4	96.4	778.4	145.0	316.9	63.2	178.3	193.3
Pennsylvania.....	3,619.6	105.3	191.3	1,451.3	308.6	679.5	129.5	367.9	386.3
<b>East North Central:</b>									
Ohio.....	2,955.0	21.1	152.0	1,286.8	216.9	582.5	94.2	273.1	328.4
Indiana.....	1,318.8	10.6	58.0	579.7	99.2	276.7	44.3	99.3	151.1
Illinois.....	3,280.3	32.4	162.1	1,212.5	296.2	704.2	168.4	368.9	335.6
Michigan.....	2,288.1	16.8	114.3	1,052.0	143.6	448.5	67.3	206.5	239.1
Wisconsin.....	1,057.3	3.9	51.1	432.9	75.7	227.5	37.2	106.9	122.1
<b>West North Central:</b>									
Minnesota.....	845.8	17.2	49.8	208.6	87.7	217.6	39.8	101.4	123.8
Iowa.....	618.8	2.9	31.2	160.6	57.5	170.6	26.8	70.8	98.6
Missouri.....	1,253.2	8.9	66.0	382.1	125.8	314.1	60.6	148.7	147.0
North Dakota.....	114.2	2.0	10.3	6.5	13.7	37.1	4.7	14.1	26.0
South Dakota.....	120.5	2.5	9.1	11.7	9.8	38.4	5.0	15.2	28.9
Nebraska.....	344.6	1.7	20.7	58.1	42.1	93.9	18.8	44.2	65.1
Kansas.....	542.1	18.4	37.5	132.5	64.4	128.3	18.6	55.5	86.9
<b>South Atlantic:</b>									
Delaware.....	135.3	(1)	10.1	57.0	10.9	25.4	5.4	13.1	13.4
Maryland.....	789.6	2.2	59.3	250.9	74.9	165.5	36.5	83.7	116.6
District of Columbia.....	491.5	(1)	17.6	16.4	29.5	91.2	23.1	65.3	248.4
Virginia.....	881.6	15.0	57.0	242.0	80.3	198.1	34.9	90.4	163.9
West Virginia.....	464.7	75.7	18.7	125.7	49.2	82.9	11.4	42.5	58.6
North Carolina.....	991.9	3.9	47.5	433.1	60.0	199.7	28.9	91.0	127.8
South Carolina.....	510.1	1.1	38.9	219.0	25.4	97.7	12.6	40.0	75.4
Georgia.....	892.2	4.6	48.2	308.5	68.2	202.3	32.3	86.0	142.1
Florida.....	861.6	7.2	81.9	128.6	76.0	258.8	42.9	127.5	138.7
<b>East South Central:</b>									
Kentucky.....	585.9	38.6	40.6	150.5	57.3	127.1	18.5	61.9	91.4
Tennessee.....	818.3	9.0	54.8	273.7	58.6	183.8	28.5	86.8	123.1
Alabama.....	664.4	15.7	31.8	225.7	49.6	136.9	22.1	59.3	123.3
Mississippi.....	336.0	2.9	16.0	95.6	26.4	82.5	9.2	35.4	68.0
<b>West South Central:</b>									
Arkansas.....	305.9	6.6	15.6	80.2	29.2	73.6	8.9	35.3	56.5
Louisiana.....	693.2	35.3	52.6	151.4	81.9	164.2	23.7	75.2	108.9
Oklahoma.....	535.4	49.9	30.9	83.4	49.1	132.4	19.9	57.9	111.9
Texas.....	2,189.6	122.2	148.6	424.8	223.3	587.6	98.0	261.4	323.7
<b>Mountain:</b>									
Montana.....	152.8	10.6	9.9	18.1	21.9	38.9	5.0	19.7	28.6
Idaho.....	131.1	4.4	8.0	23.5	15.4	34.5	4.2	15.9	25.2
Wyoming.....	84.1	9.4	5.9	6.6	15.0	18.0	2.1	10.8	16.3
Colorado.....	400.6	12.6	24.1	63.5	42.4	107.6	17.3	53.0	80.1
New Mexico.....	174.2	13.5	14.0	16.1	18.2	40.5	5.6	22.8	43.5
Arizona.....	201.7	13.5	16.7	26.6	20.0	51.0	7.6	25.5	40.8
Utah.....	208.9	12.6	11.1	31.2	21.9	49.5	8.0	22.6	52.0
Nevada.....	73.2	4.9	8.2	4.3	8.8	15.3	1.8	17.0	12.9
<b>Pacific:</b>									
Washington.....	723.1	2.3	46.8	188.9	62.9	164.3	29.6	81.9	146.3
Oregon.....	451.0	1.3	22.2	134.3	45.8	106.2	17.2	51.9	72.1
California.....	3,849.6	35.5	531.7	1,639.1	334.0	883.5	173.8	503.4	648.5

<sup>1</sup> Mining combined with service.

<sup>2</sup> Mining combined with construction.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in *Employment and Earnings*.

No. 231.—MARITAL STATUS OF WOMEN IN THE CIVILIAN LABOR FORCE: 1940 TO 1954

[In thousands of persons 14 years and over. Figures for 1940 based on complete census revised for comparability with intercensal series. Data for 1944-1954 based on Current Population Survey; see Sampling Note and Technical Note, p. 183. See also table 44]

MONTH AND YEAR	FEMALE LABOR FORCE (1,000)				PERCENT DISTRIBUTION OF LABOR FORCE				FEMALE LABOR FORCE AS PER- CENT OF FEMALE POPULA- TION, 14 AND OVER			
	Total	Single	Mar- ried	Wid- owed or di- vorced	Total	Single	Mar- ried	Wid- owed or di- vorced	Total	Single	Mar- ried	Wid- owed or di- vorced
March 1940.....	13,840	6,710	5,040	2,090	100.0	48.5	36.4	15.1	27.4	48.1	16.7	32.0
April 1944.....	18,449	7,542	8,433	2,474	100.0	40.9	45.7	13.4	35.0	58.6	25.6	35.7
April 1947.....	16,323	6,181	7,545	2,597	100.0	37.9	46.2	15.9	29.8	51.2	21.4	34.6
April 1948.....	17,155	5,943	8,281	2,931	100.0	34.6	48.3	17.1	31.0	51.1	23.1	36.8
April 1949.....	17,167	5,682	8,739	2,746	100.0	33.1	50.9	16.0	30.7	50.9	23.6	35.1
March 1950.....	17,795	5,621	9,273	2,901	100.0	31.6	52.1	16.3	31.4	50.5	24.8	36.0
April 1951.....	18,602	5,430	10,182	2,990	100.0	29.2	54.7	16.1	32.4	49.6	26.7	36.1
April 1952.....	18,812	5,532	10,350	2,930	100.0	29.4	55.0	15.6	32.4	50.0	26.8	35.3
April 1953.....	18,920	5,140	10,699	3,081	100.0	27.2	56.5	16.3	32.1	47.7	27.1	35.3
April 1954 <sup>1</sup> .....	19,713	5,409	11,201	3,103	100.0	27.4	56.8	15.7	33.4	49.7	28.2	36.8

<sup>1</sup> Based on new sample; not entirely comparable with previous years.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50.

No. 232.—WOMEN EMPLOYED IN MANUFACTURING INDUSTRIES: DECEMBER 1952 TO 1954

[In thousands. These series have been adjusted to 1st quarter 1954 benchmark levels indicated by data from Government social insurance programs]

INDUSTRY GROUP	DECEMBER 1952		DECEMBER 1953		DECEMBER 1954	
	Number	Percent of total employ- ment	Number	Percent of total employ- ment	Number	Percent of total employ- ment
<b>Manufacturing</b> .....	4,643.2	27	4,468.2	27	4,244.9	26
<b>Durable goods</b> .....	1,899.0	19	1,832.6	19	1,655.9	18
Ordnance and accessories.....	56.0	27	56.9	26	30.5	19
Lumber and wood products (except furniture).....	54.1	7	50.4	7	46.5	6
Furniture and fixtures.....	72.2	19	65.9	18	62.4	18
Stone, clay, and glass products.....	92.7	17	88.4	17	83.9	16
Primary metal industries.....	83.0	6	75.5	6	72.1	6
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	225.1	20	211.6	20	200.4	19
Machinery (except electrical).....	245.3	14	240.8	15	214.1	14
Electrical machinery.....	499.7	42	466.6	40	427.4	39
Transportation equipment.....	251.2	13	252.7	13	225.4	13
Instruments and related products.....	120.6	37	125.7	37	109.9	36
Miscellaneous manufacturing industries.....	199.1	41	198.1	40	183.3	40
<b>Nondurable goods</b> .....	2,744.2	38	2,635.6	38	2,589.0	37
Food and kindred products.....	378.5	25	373.0	25	361.6	24
Tobacco manufactures.....	68.7	59	66.8	59	64.2	59
Textile-mill products.....	539.6	44	483.3	43	466.0	43
Apparel and other finished textile products.....	965.9	77	937.4	77	933.6	78
Paper and allied products.....	124.6	24	127.1	24	121.3	23
Printing, publishing, and allied industries.....	220.1	28	226.6	28	220.8	27
Chemicals and allied products.....	154.4	20	147.9	18	145.9	18
Products of petroleum and coal.....	15.8	6	15.6	6	16.2	7
Rubber products.....	77.5	28	70.7	27	70.1	27
Leather and leather products.....	199.1	50	187.2	50	189.3	51

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*.



**No. 233.—LABOR FORCE STATUS OF THE CIVILIAN FEMALE POPULATION, BY MARITAL STATUS AND AGE: APRIL 1952 TO 1954**

[In thousands of persons 14 years old and over. See headnote, table 220. Includes members of Armed Forces living off post or with their families on post, but excludes all other members of Armed Forces. Percent not shown where base is less than 200,000]

MARITAL STATUS AND AGE	1952			1953			1954		
	Popula- tion	Labor force		Popula- tion	Labor force		Popula- tion	Labor force	
		Num- ber	Per- cent of popu- lation		Num- ber	Per- cent of popu- lation		Num- ber	Per- cent of popu- lation
<b>TOTAL</b>									
<b>Female</b> .....	58,034	18,812	32.4	58,940	18,920	32.1	59,545	19,714	33.1
14 to 19 years.....	6,380	1,768	27.7	6,426	1,704	26.5	6,496	1,777	27.4
14 to 17 years.....	4,322	752	17.4	4,346	710	16.3	4,393	767	17.5
18 and 19 years.....	2,058	1,016	49.4	2,080	994	47.8	2,103	1,010	48.0
20 to 24 years.....	5,656	2,444	43.2	5,534	2,442	44.1	5,411	2,349	60.0
25 to 34 years.....	12,246	4,232	34.6	12,308	4,196	34.1	12,292	4,366	35.5
35 to 44 years.....	11,008	4,362	39.6	11,330	4,470	39.5	11,450	4,633	40.5
45 to 64 years.....	16,224	5,482	33.8	16,226	5,524	34.0	16,577	5,937	35.8
65 years and over.....	6,520	524	8.0	7,116	584	8.2	7,319	652	8.9
Median age..... years..	39.1	37.2		39.6	37.5		39.9	37.9	
<b>SINGLE</b>									
<b>Female</b> .....	11,068	5,532	50.0	10,774	5,140	47.7	11,068	5,409	48.9
14 to 19 years.....	5,478	1,532	28.0	5,526	1,484	26.9	5,654	1,552	27.4
14 to 17 years.....	4,082	720	17.6	4,150	688	16.6	4,177	735	17.6
18 and 19 years.....	1,396	812	58.2	1,376	796	57.8	1,477	816	55.2
20 to 24 years.....	1,674	1,270	75.9	1,632	1,238	75.9	1,665	1,281	76.9
25 to 34 years.....	1,296	1,076	83.0	1,128	928	82.3	1,218	1,070	87.8
35 to 44 years.....	850	666	78.4	780	588	75.4	794	604	76.1
45 to 64 years.....	1,258	904	71.9	1,216	798	65.6	1,114	794	71.3
65 years and over.....	512	84	16.4	492	104	21.1	623	108	17.3
Median age..... years..	20.2	24.9		19.8	24.4		19.8	24.5	
<b>MARRIED, SPOUSE PRESENT</b>									
<b>Female</b> .....	36,510	9,222	25.3	37,106	9,588	25.8	37,299	9,917	26.6
14 to 19 years.....	702	154	21.9	764	156	20.4	667	141	21.1
14 to 17 years.....	176	12		156	10		177	11	6.2
18 and 19 years.....	526	142	27.0	608	146	24.0	490	130	26.5
20 to 24 years.....	3,538	912	25.8	3,458	970	28.1	3,253	833	25.6
25 to 34 years.....	9,950	2,526	25.4	10,036	2,560	25.5	10,025	2,638	26.3
35 to 44 years.....	8,862	2,806	31.7	9,250	3,030	32.8	9,268	3,069	33.1
45 to 64 years.....	11,156	2,688	24.1	11,054	2,732	24.7	11,511	3,096	26.9
65 years and over.....	2,302	136	5.9	2,544	140	5.5	2,575	140	5.4
Median age..... years..	39.4	38.7		39.6	38.7		40.1	39.4	
<b>OTHER MARITAL STATUS</b>									
<b>Female</b> .....	10,456	4,058	38.8	11,060	4,192	37.9	11,178	4,388	39.3
14 to 19 years.....	200	82	41.0	136	64		175	84	48.0
14 to 17 years.....							39	20	51.3
18 and 19 years.....							136	64	47.1
20 to 24 years.....	444	262	59.0	444	234	52.7	493	235	47.7
25 to 34 years.....	1,000	630	63.0	1,144	708	61.9	1,049	658	62.7
35 to 44 years.....	1,296	890	68.7	1,300	852	65.5	1,388	960	69.2
45 to 64 years.....	3,810	1,890	49.6	3,956	1,994	50.4	3,952	2,047	51.8
65 years and over.....	3,706	304	8.2	4,080	340	8.3	4,121	404	9.8
Median age..... years..	57.7	46.8		58.5	47.2		57.6	47.5	

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, Nos. 44, 50, and records.

## No. 234.—FARM EMPLOYMENT AND WAGE RATES: 1910 TO 1954

[See also *Historical Statistics*, series D 172-176 and E 61-68 for unrevised data]

YEAR	NUMBER OF WORKERS <sup>1</sup> (thousands)			FARM WAGE RATES <sup>2</sup>				Index of farm wage rates (1910-14 =100)
	Total	Family <sup>3</sup>	Hired <sup>4</sup>	Per month		Per day		
				With board	Without board	With board	Without board	
1910	13, 555	10, 174	3, 381	\$21.00	\$28.00	\$1.05	\$1.35	96
1915	13, 592	10, 140	3, 452	22.50	30.00	1.10	1.40	102
1917	13, 568	10, 121	3, 447	31.00	40.50	1.55	1.90	141
1918	13, 391	10, 053	3, 338	37.50	48.50	2.05	2.45	177
1920	13, 432	10, 041	3, 391	51.00	65.00	2.80	3.30	241
1925	13, 036	9, 715	3, 321	38.50	49.00	2.00	2.35	183
1929	12, 763	9, 360	3, 403	40.00	51.00	2.00	2.30	187
1930	12, 497	9, 307	3, 190	37.50	48.00	1.80	2.15	175
1935	12, 733	9, 855	2, 878	22.00	30.50	1.10	1.35	110
1940	10, 979	8, 300	2, 679	27.50	37.50	1.30	1.60	131
1945	10, 000	7, 881	2, 119	79.00	101.00	3.85	4.35	366
1946	10, 295	8, 106	2, 189	86.00	108.00	4.20	4.80	399
1947	10, 382	8, 115	2, 267	92.00	117.00	4.50	5.10	424
1948	10, 363	8, 026	2, 337	99.00	124.00	4.80	5.40	445
1948 <sup>5</sup>				101.00	122.00	4.50	4.45	445
1949	9, 964	7, 712	2, 252	99.00	121.00	4.45	4.45	430
1950	9, 342	7, 252	2, 090	99.00	121.00	4.45	4.50	432
1951	8, 985	6, 997	1, 988	113.00	137.00	5.00	5.00	481
1952	8, 669	6, 748	1, 921	119.00	146.00	5.30	5.30	508
1953	8, 580	6, 645	1, 935	122.00	151.00	5.40	5.30	517
1954	8, 451	6, 521	1, 930	120.00	151.00	5.30	5.30	508

<sup>1</sup> Data are arithmetic means of monthly estimates of persons employed during last complete calendar week in each month ending at least one day before last of month.<sup>2</sup> Weighted averages of wage rates as reported quarterly by crop reporters. U. S. estimates affected by importance of rates in particular regions; see table 236.<sup>3</sup> Includes farm operators doing one or more hours of farm work and members of their families doing 15 hours or more of unpaid farm work during survey week.<sup>4</sup> Includes all persons doing one or more hours of farm work for pay during survey week. Members of operators' families doing any farm work for cash wages are counted as hired workers.<sup>5</sup> New series of wage rates begun in 1948; for description of series, see *Farm Labor*, Dec. 1949.Source: Department of Agriculture, Agricultural Marketing Service; monthly report, *Farm Labor*.

## No. 235.—FARM EMPLOYMENT, BY GEOGRAPHIC DIVISIONS: 1952 TO 1954

[In thousands. For last week in each month ending at least one day before last of month]

GEOGRAPHIC DIVISION	1952	1953				1954			
	Dec. 21-27	Mar. 22-28	June 21-27	Sept. 20-26	Dec. 20-26	Mar. 21-27	June 20-26	Sept. 19-25	Dec. 19-25
<b>TOTAL WORKERS</b>									
United States.....	6,486	7,433	9,784	11,299	6,390	7,278	9,642	11,224	6,277
New England.....	130	141	211	205	145	149	204	215	141
Middle Atlantic.....	478	482	622	696	477	482	601	686	467
East North Central.....	1,082	1,236	1,567	1,438	1,098	1,225	1,553	1,417	1,044
West North Central.....	1,259	1,410	1,826	1,840	1,252	1,373	1,789	1,824	1,235
South Atlantic.....	1,041	1,217	1,821	2,088	958	1,206	1,797	2,160	1,017
East South Central.....	975	1,110	1,440	2,176	950	1,078	1,385	2,151	894
West South Central.....	751	1,045	1,142	1,584	743	990	1,170	1,513	735
Mountain.....	299	301	417	478	287	291	415	462	267
Pacific.....	471	491	738	794	480	484	728	796	477
<b>HIRED WORKERS<sup>1</sup></b>									
United States.....	1,039	1,353	2,579	3,068	1,025	1,320	2,648	3,097	1,043
New England.....	32	39	71	86	40	44	69	90	39
Middle Atlantic.....	119	113	191	240	118	114	168	232	110
East North Central.....	110	152	287	276	107	152	300	280	106
West North Central.....	111	129	366	329	104	128	367	338	106
South Atlantic.....	180	301	518	433	170	285	547	499	199
East South Central.....	106	170	265	454	102	169	273	461	96
West South Central.....	102	184	328	581	108	174	370	534	117
Mountain.....	103	79	174	202	93	71	176	199	86
Pacific.....	176	186	379	467	183	183	378	464	184

<sup>1</sup> Includes all persons doing one or more hours of farm work for pay during survey week. Members of operators' families doing any farm work for cash wages are counted as hired workers.Source: Department of Agriculture, Agricultural Marketing Service; monthly report, *Farm Labor*.



## No. 236.—FARM WAGE RATES, BY GEOGRAPHIC DIVISION: 1953 AND 1954

[Some wage rates in certain geographic divisions not obtained because seldom used; U. S. rates include estimates for these divisions]

GEOGRAPHIC DIVISION	1953					1954				
	Jan. 1	Apr. 1	July 1	Oct. 1	Annual average	Jan. 1	Apr. 1	July 1	Oct. 1	Annual average
<b>Per month with board and room:</b>										
United States.....	\$121.00	\$119.00	\$124.00	\$123.00	\$122.00	\$124.00	\$117.00	\$122.00	\$120.00	\$120.00
New England.....	122.00	118.00	121.00	118.00	119.00	120.00	123.00	125.00	117.00	121.00
Middle Atlantic.....	116.00	118.00	119.00	120.00	119.00	119.00	118.00	118.00	115.00	117.00
East North Central..	116.00	122.00	122.00	118.00	120.00	120.00	120.00	121.00	116.00	119.00
West North Central..	115.00	125.00	126.00	123.00	123.00	117.00	122.00	128.00	124.00	123.00
Mountain.....	142.00	154.00	154.00	147.00	150.00	144.00	148.00	150.00	145.00	148.00
Pacific.....	172.00	175.00	186.00	181.00	178.00	176.00	178.00	182.00	179.00	179.00
<b>Per month with house:</b>										
United States.....	148.00	144.00	161.00	150.00	151.00	154.00	144.00	160.00	149.00	151.00
New England.....	156.00	152.00	161.00	159.00	158.00	159.00	164.00	163.00	159.00	162.00
Middle Atlantic.....	156.00	160.00	161.00	166.00	163.00	167.00	164.00	166.00	165.00	165.00
East North Central..	151.00	161.00	157.00	156.00	158.00	161.00	159.00	158.00	157.00	158.00
West North Central..	146.00	156.00	156.00	152.00	153.00	149.00	155.00	160.00	153.00	154.00
Mountain.....	191.00	195.00	194.00	188.00	191.00	186.00	191.00	191.00	189.00	191.00
Pacific.....	225.00	223.00	233.00	236.00	231.00	234.00	231.00	231.00	237.00	233.00
<b>Per week with board and room:</b>										
United States.....	28.75	29.00	31.50	30.25	30.00	29.00	28.50	29.75	29.25	29.00
New England.....	32.50	32.50	34.75	33.50	33.25	31.50	32.25	31.75	33.00	32.25
Middle Atlantic.....	31.00	31.50	32.00	32.00	31.75	31.75	31.25	31.75	30.75	31.25
<b>Per week without board or room:</b>										
United States.....	35.75	36.25	39.50	38.00	37.75	37.50	37.00	38.75	37.00	37.50
New England.....	43.75	44.00	45.75	46.00	45.25	45.00	46.25	45.00	46.75	46.00
Middle Atlantic.....	41.75	42.75	43.25	45.00	43.50	43.25	43.50	44.50	42.75	43.50
<b>Per day with board and room:</b>										
United States.....	5.10	4.70	5.80	5.30	5.40	5.20	4.70	5.80	5.20	5.30
East North Central..	5.60	5.90	6.10	6.00	6.00	6.00	5.90	6.10	5.80	6.00
West North Central..	5.80	6.30	6.70	6.50	6.50	5.90	6.10	6.70	6.40	6.50
<b>Per day with house:</b>										
United States.....	4.30	4.00	4.05	4.30	4.10	4.30	4.05	4.05	4.25	4.10
South Atlantic.....	4.10	4.20	4.00	4.05	4.10	4.10	4.15	4.00	4.05	4.10
East South Central..	3.40	3.25	3.30	3.50	3.35	3.30	3.30	3.25	3.40	3.30
West South Central..	4.65	4.60	4.75	4.90	4.70	4.75	4.60	4.80	4.85	4.70
<b>Per day without board or room:</b>										
United States.....	5.30	5.00	5.30	5.70	5.30	5.40	5.00	5.20	5.60	5.30
New England.....	7.60	7.70	7.80	8.20	7.90	7.90	8.00	7.90	8.20	8.00
Middle Atlantic.....	7.30	7.30	7.50	7.80	7.60	7.30	7.40	7.40	7.50	7.40
East North Central..	7.10	7.30	7.50	7.50	7.40	7.50	7.30	7.50	7.20	7.40
West North Central..	7.40	7.90	8.30	8.00	8.10	7.40	7.70	8.30	7.90	8.00
South Atlantic.....	4.85	4.80	4.80	4.75	4.80	4.85	4.85	4.65	4.75	4.70
East South Central..	3.95	3.90	4.05	4.15	4.00	4.00	3.85	3.90	4.05	3.90
West South Central..	5.30	5.20	5.30	5.50	5.30	5.40	5.10	5.40	5.50	5.40
Mountain.....	7.20	7.60	7.90	7.60	7.70	7.30	7.50	7.50	7.60	7.50
<b>Per hour with house:</b>										
United States.....	.68	.63	.81	.87	.75	.68	.63	.80	.86	.74
South Atlantic.....	.55	.55	-----	-----	.55	.55	.56	-----	-----	.56
East South Central..	.47	.44	-----	-----	.46	.46	.44	-----	-----	.45
West South Central..	.58	.54	-----	-----	.56	.57	.55	-----	-----	.57
Pacific.....	.98	1.00	1.01	.99	1.00	.98	.99	1.00	1.00	1.00
<b>Per hour without board or room:</b>										
United States.....	.89	.85	.89	.77	.82	.90	.84	.87	.75	.81
New England.....	1.01	1.01	1.01	1.02	1.02	1.02	1.01	1.01	1.00	1.01
Middle Atlantic.....	.94	.95	.95	.99	.97	.96	.96	.97	.96	.96
East North Central..	.97	.98	1.00	1.00	1.00	1.00	.98	1.00	.98	.99
West North Central..	.96	.98	1.02	1.01	1.01	.97	.97	1.00	.98	.99
South Atlantic.....	.64	.64	.60	.61	.61	.64	.65	.59	.60	.61
East South Central..	.56	.54	.54	.54	.54	.55	.53	.52	.52	.52
West South Central..	.66	.63	.62	.68	.66	.67	.64	.64	.66	.65
Mountain.....	.87	.95	.97	.95	.95	.90	.94	.93	.92	.92
Pacific.....	1.06	1.08	1.09	1.08	1.08	1.06	1.07	1.08	1.07	1.07

Source: Department of Agriculture, Agricultural Marketing Service; monthly report, *Farm Labor*.

**No. 237.—MAJOR OCCUPATION GROUP AND CLASS OF WORKER OF EMPLOYED PERSONS:  
APRIL AND OCTOBER, 1953 AND 1954**

[In thousands of persons 14 years old and over. See headnote, table 220]

MAJOR OCCUPATION GROUP AND CLASS OF WORKER	April 1953	October 1953	APRIL 1954 <sup>1</sup>			OCTOBER 1954 <sup>1</sup>		
			Total	Male	Female	Total	Male	Female
MAJOR OCCUPATION GROUP								
Employed, total.....	61,228	62,242	60,598	41,994	18,604	62,141	42,522	19,620
Professional, technical, and kindred workers.....	5,372	5,706	5,689	3,463	2,226	5,865	3,665	2,200
Farmers and farm managers.....	3,710	3,883	3,905	3,800	105	3,945	3,839	106
Managers, officials, and proprietors, except farm.....	6,118	6,366	6,048	5,085	963	6,436	5,435	1,001
Clerical and kindred workers.....	7,778	7,828	7,894	2,772	5,122	8,294	2,797	5,497
Sales workers.....	3,692	3,718	3,957	2,482	1,475	3,855	2,379	1,476
Craftsmen, foremen, and kindred workers.....	8,818	8,632	8,248	7,979	269	8,173	7,991	182
Operatives and kindred workers.....	12,886	12,429	12,363	8,901	3,462	12,034	8,620	3,414
Private household workers.....	1,906	1,762	1,828	58	1,770	1,883	21	1,862
Service workers, except private house- hold.....	5,138	5,024	5,229	2,738	2,491	4,892	2,542	2,350
Farm laborers and foremen.....	2,120	3,087	2,011	1,397	614	3,143	1,743	1,400
Laborers, except farm and mine.....	3,690	3,807	3,426	3,319	107	3,623	3,490	133
CLASS OF WORKER								
Employed in agriculture.....	6,070	7,159	6,076	5,311	765	7,239	5,730	1,509
Wage and salary workers.....	1,314	1,825	1,185	1,060	125	1,766	1,361	405
Self-employed workers.....	3,728	3,874	3,904	3,783	119	3,932	3,825	107
Unpaid family workers.....	1,028	1,459	987	467	520	1,541	544	997
Employed in nonagricultural industries.....								
Wage and salary workers.....	55,158	55,083	54,522	36,682	17,840	54,902	36,792	18,110
In private households.....	49,122	49,009	48,336	31,887	16,450	48,468	31,826	16,642
Government workers.....	2,072	1,923	1,985	210	1,776	1,980	199	1,781
Other wage and salary workers.....	6,406	6,440	6,781	4,137	2,644	6,869	4,259	2,609
Self-employed workers.....	40,644	40,647	39,570	27,540	12,030	39,619	27,368	12,252
Unpaid family workers.....	5,564	5,662	5,702	4,750	952	5,986	4,921	1,065
	472	411	485	46	439	449	45	404

<sup>1</sup> Based on new sample; not entirely comparable with previous years.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-57, Nos. 130, 136, 142, and 148.

**No. 238.—CLASS OF WORKER OF EMPLOYED PERSONS, BY SEX: 1940 AND 1950**  
[Persons 14 years old and over]

CLASS OF WORKER	TOTAL		MALE		FEMALE	
	1940	1950	1940	1950	1940	1950
<b>Total</b> .....	44,888,083	56,239,449	33,749,905	40,519,462	11,138,178	15,719,987
Private wage and salary workers.....	30,120,692	40,037,668	21,656,899	27,793,416	8,463,793	12,244,252
Government workers.....	3,586,567	5,495,690	2,255,554	3,466,249	1,311,013	2,029,441
Self-employed workers.....	9,757,736	9,591,482	8,818,829	8,624,154	938,907	967,328
Unpaid family workers.....	1,443,088	1,114,609	1,018,623	635,643	424,465	478,966

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.



## No. 239.—MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS, BY SEX: 1940 AND 1950

[In thousands of persons 14 years old and over]

MAJOR INDUSTRY GROUP	TOTAL		MALE		FEMALE	
	1940	1950	1940	1950	1940	1950
<b>Total</b> .....	44,888	56,239	33,750	40,519	11,138	15,720
Agriculture, forestry, and fisheries.....	8,496	7,005	8,008	6,412	489	593
Mining.....	914	929	903	906	11	23
Construction.....	2,075	3,440	2,039	3,342	36	98
Manufacturing.....	10,568	14,576	8,243	10,933	2,325	3,642
Transportation, communication, and other public utilities.....	3,108	4,368	2,767	3,688	340	681
Wholesale and retail trade.....	7,546	10,548	5,518	6,999	2,028	3,549
Finance, insurance, and real estate.....	1,472	1,916	1,016	1,136	456	780
Business and repair services.....	891	1,411	812	1,229	79	183
Personal services.....	3,975	3,489	1,137	1,159	2,838	2,329
Entertainment and recreation services.....	420	554	335	413	84	141
Professional and related services.....	3,290	4,674	1,424	1,957	1,866	2,718
Public administration.....	1,406	2,489	1,098	1,837	309	652
Industry not reported.....	728	840	451	509	277	331

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.

## No. 240.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS, BY SEX: 1940 AND 1950

[In thousands of persons 14 years old and over]

MAJOR OCCUPATION GROUP	TOTAL		MALE		FEMALE	
	1940	1950	1940	1950	1940	1950
<b>Total</b> .....	44,888	56,239	33,750	40,519	11,138	15,720
Professional, technical, and kindred workers....	3,566	4,910	2,075	2,971	1,491	1,940
Farmers and farm managers.....	5,144	4,309	4,992	4,192	152	116
Managers, officials, and proprietors, except farm.....	3,620	5,018	3,231	4,341	389	677
Clerical and kindred workers.....	4,371	6,895	2,013	2,603	2,358	4,293
Sales workers.....	3,072	3,927	2,261	2,597	811	1,330
Craftsmen, foremen, and kindred workers.....	5,152	7,783	5,030	7,547	122	236
Operatives and kindred workers.....	8,052	11,140	6,032	8,120	2,020	3,020
Private household workers.....	2,083	1,408	114	73	1,969	1,335
Service workers, except private household.....	3,188	4,287	1,962	2,372	1,226	1,914
Farm laborers, except unpaid, and foremen.....	1,934	1,490	1,836	1,358	98	132
Farm laborers, unpaid family workers.....	1,165	910	942	593	223	317
Laborers, except farm and mine.....	3,123	3,431	3,017	3,303	106	127
Occupation not reported.....	418	732	245	449	173	283

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.

## No. 241.—DETAILED OCCUPATION OF EMPLOYED PERSONS, BY SEX: 1950

[Persons 14 years old and over. "N. e. c." means not elsewhere classified. For definition of "Employed," see text, page 181. Figures may differ from those in other tables because of different tabulations; see text, p. 1]

OCCUPATION	Male	Female	OCCUPATION	Male	Female
<b>Total employed</b> .....	<b>40,510,176</b>	<b>15,715,164</b>	<b>Managers, officials, and proprietors, excluding farm</b> .....	<b>4,340,687</b>	<b>676,778</b>
<b>Professional, technical, and kindred workers</b> .....	<b>2,970,256</b>	<b>1,938,985</b>	Buyers and department heads, store.....	106,026	36,133
Accountants and auditors.....	320,799	55,660	Buyers and shippers, farm products.....	27,576	590
Actors and actresses.....	9,809	5,077	Conductors, railroad.....	55,359	352
Airplane pilots and navigators.....	13,535	185	Credit men.....	25,748	7,151
Architects.....	23,823	933	Floormen and floor managers, store.....	5,815	4,995
Artists and art teachers.....	47,907	29,566	Inspectors, public admin.....	53,639	2,266
Athletes.....	10,867	705	Federal public administration and postal service.....	26,018	832
Authors.....	9,592	6,059	State public administration.....	9,125	358
Chemists.....	66,982	7,451	Local public administration.....	18,496	1,076
Chiropractors.....	11,061	1,842	Managers and superintendents, building.....	43,331	22,385
Clergymen.....	160,694	6,777	Officers, pilots, pursers, and engineers, ship.....	36,975	1,129
College presidents, professors, and instructors (n. e. c.).....	95,779	28,907	Officials and administrators (n. e. c.), public admin.....	127,535	26,322
Dancers and dancing teachers.....	4,659	11,438	Federal public administration and postal service.....	44,205	5,315
Dentists.....	72,810	2,045	State public administration.....	20,336	2,798
Designers.....	28,517	10,203	Local public administration.....	62,994	18,209
Dietitians and nutritionists.....	1,341	21,059	Officials, lodge, society, union, etc.....	23,760	2,885
Draftsmen.....	113,298	8,370	Postmasters.....	22,032	16,668
Editors and reporters.....	60,730	28,595	Purchasing agents and buyers (n. e. c.).....	57,316	5,718
Engineers, technical.....	518,781	6,475	Managers, officials, and proprietors (n. e. c.)—salaried.....	1,573,614	213,749
Aeronautical.....	17,304	331	Construction.....	83,602	1,981
Chemical.....	31,893	629	Manufacturing.....	386,146	26,315
Civil.....	121,386	1,932	Transportation.....	92,419	3,426
Electrical.....	105,278	1,237	Telecommunications, and utilities and sanitary services.....	55,390	5,978
Industrial.....	39,750	450	Wholesale trade.....	148,097	8,995
Mechanical.....	109,588	576	Retail trade.....	435,359	78,478
Metallurgical, and metallurgists.....	11,099	241	Food and dairy products stores, and milk retailing.....	89,384	12,321
Mining.....	10,656	109	General merchandise and five and ten cent stores.....	46,191	13,248
Not elsewhere classified.....	71,827	970	Apparel and accessories stores.....	28,483	13,519
Entertainers (n. e. c.).....	10,643	4,293	Furniture, home furnishings, and equip. stores.....	25,048	2,530
Farm and home management advisors.....	6,210	6,032	Motor vehicles and accessories retailing.....	54,510	1,912
Foresters and conservationists.....	25,297	830	Gasoline service stations.....	34,791	623
Funeral directors and embalmers.....	36,757	2,643	Eating and drinking places.....	49,337	19,403
Lawyers and judges.....	174,205	6,256	Hardware, farm implement, and building material retail.....	42,088	1,571
Librarians.....	6,303	49,027	Other retail trade.....	65,527	13,351
Musicians and music teachers.....	75,612	77,844	Banking and other finance.....	106,354	12,361
Natural scientists (n. e. c.).....	34,229	5,839	Insurance and real estate.....	58,568	11,574
Nurses, professional.....	9,613	388,921	Business services.....	22,598	5,068
Nurses, student professional.....	1,572	74,574	Automobile repair services and garages.....	23,329	400
Optometrists.....	13,758	838	Miscellaneous repair services.....	4,103	227
Osteopaths.....	4,366	783	Personal services.....	43,270	21,737
Personnel and labor relations workers.....	37,070	15,016	All other industries (incl. not reported).....	114,379	37,209
Pharmacists.....	80,855	7,261	Managers, officials, and proprietors (n. e. c.)—self-employed.....	2,181,961	336,435
Photographers.....	43,401	9,088	Construction.....	196,837	2,644
Physicians and surgeons.....	180,233	11,714	Manufacturing.....	222,977	14,491
Radio operators.....	14,429	1,482	Transportation.....	48,877	2,402
Recreation and group workers.....	9,353	6,693	Telecommunications, and utilities and sanitary services.....	5,467	256
Religious workers.....	12,593	28,838	Wholesale trade.....	170,574	7,354
Social and welfare workers, except group.....	23,263	52,224	Retail trade.....	1,172,885	241,661
Social scientists.....	23,828	11,373	Food and dairy products stores, and milk retailing.....	326,907	71,078
Sports instructors and officials.....	33,854	11,133	General merchandise and five and ten cent stores.....	51,169	14,029
Surveyors.....	24,375	946			
Teachers (n. e. c.).....	285,609	834,996			
Technicians, medical and dental.....	33,052	43,271			
Technicians, testing.....	58,707	16,800			
Technicians (n. e. c.).....	22,639	4,243			
Therapists and healers (n. e. c.).....	12,347	12,077			
Veterinarians.....	12,547	832			
Professional, technical, and kindred workers (n. e. c.).....	92,552	21,771			
<b>Farmers and farm managers</b> .....	<b>4,189,882</b>	<b>116,371</b>			
Farmers (owners and tenants).....	4,157,234	114,179			
Farm managers.....	32,648	2,192			



## No. 241.—DETAILED OCCUPATION OF EMPLOYED PERSONS, BY SEX: 1950—Continued

OCCUPATION	Male	Female	OCCUPATION	Male	Female
<b>Managers, etc.—Con.</b>			<b>Craftsmen, foremen, and kindred workers.....</b>	<b>7,537,016</b>	<b>235,544</b>
Managers, officials, and proprietors (n. e. c.)—self-employed—Continued			Bakers.....	105,790	14,007
Retail trade—Continued			Blacksmiths.....	43,295	200
Apparel and accessories stores.....	58,798	25,878	Boilermakers.....	35,178	318
Furniture, home furnishings, and equipment stores.....	62,565	5,686	Bookbinders.....	13,684	17,487
Motor vehicles and accessories retailing.....	58,277	1,531	Brickmasons, stonemasons, and tile setters.....	164,399	924
Gasoline service stations.....	141,088	5,416	Cabinetmakers.....	72,224	1,064
Eating and drinking places.....	212,771	75,831	Carpenters.....	907,728	4,809
Hardware, farm implement, and building material retail.....	80,738	4,182	Cement and concrete finishers.....	29,293	185
Other retail trade.....	180,572	38,030	Compositors and typesetters.....	164,366	11,077
Banking and other finance.....	20,883	1,029	Cranemen, derrickmen, and hoistmen.....	102,188	777
Insurance and real estate.....	38,962	5,939	Decorators and window dressers.....	30,339	13,003
Business services.....	29,065	4,766	Electricians.....	307,013	2,217
Automobile repair services and garages.....	59,030	1,069	Electrotypers and stereotypers.....	11,317	435
Miscellaneous repair services.....	28,276	1,310	Engravers, except photoengravers.....	8,499	1,233
Personal services.....	104,980	39,293	Excavating, grading, and road machinery operators.....	104,855	496
All other industries (incl. not reported).....	83,148	14,221	Foremen (n. e. c.).....	775,114	67,955
<b>Clerical and kindred workers.....</b>	<b>2,602,610</b>	<b>4,291,764</b>	Construction.....	58,316	267
Agents (n. e. c.).....	104,961	19,296	Manufacturing.....	460,302	50,342
Attendants and assistants, library.....	3,160	9,085	Metal industries.....	81,531	1,726
Attendants, physician's and dentist's office.....	2,028	38,783	Machinery, including electrical.....	75,469	4,720
Baggagemen, transportation.....	7,762	153	Transportation equipment.....	49,085	851
Bank tellers.....	35,332	28,648	Other durable goods.....	69,897	5,611
Bookkeepers.....	164,748	556,229	Textiles, textile products, and apparel.....	47,922	21,036
Cashiers.....	42,842	183,586	Other nondurable goods (incl. not spec. mfg.).....	136,348	16,398
Collectors, bill and account.....	19,918	3,450	Railroads and railway express service.....	53,685	247
Dispatchers and starters, vehicle.....	27,217	3,544	Transportation, ex. railroad.....	19,585	235
Express messengers and railway mail clerks.....	18,409	279	Telecommunications, and utilities and sanitary serv.....	39,227	985
Mail carriers.....	161,702	3,460	Other industries (incl. not reported).....	143,999	15,879
Messengers and office boys.....	45,289	10,098	Forgemen and hammermen.....	12,864	260
Office machine operators.....	25,149	116,917	Furriers.....	9,429	1,585
Shipping and receiving clerks.....	264,608	19,883	Glaziers.....	9,959	324
Stenographers, typists, and secretaries.....	88,390	1,501,090	Heat treaters, annealers, and temperers.....	17,495	255
Telegraph messengers.....	6,427	751	Inspectors, scalers, and graders, log and lumber.....	16,461	738
Telegraph operators.....	26,891	7,440	Inspectors (n. e. c.).....	89,062	6,728
Telephone operators.....	16,155	341,706	Construction.....	7,949	84
Ticket, station, and express agents.....	51,634	7,656	Railroads and railway express service.....	36,624	159
Clerical and kindred workers (n. e. c.).....	1,489,988	1,439,710	Transport. exc. r. r., communication, and other public utilities.....	11,975	488
<b>Sales workers.....</b>	<b>2,596,786</b>	<b>1,329,724</b>	Other industries (incl. not reported).....	32,514	5,997
Advertising agents and salesmen.....	27,813	4,572	Jewelers, watchmakers, goldsmiths, and silversmiths.....	43,226	2,461
Auctioneers.....	4,826	454	Job setters, metal.....	24,147	300
Demonstrators.....	2,415	10,950	Linemen and servicemen, telegraph, telephone, and power.....	207,752	4,935
Hucksters and peddlers.....	18,871	3,079	Locomotive engineers.....	72,412	430
Insurance agents and brokers.....	278,120	25,913	Locomotive firemen.....	53,944	196
Newsboys.....	92,301	3,867	Loom fixers.....	29,953	340
Real estate agents and brokers.....	120,325	20,277	Machinists.....	505,095	8,130
Stock and bond salesmen.....	9,886	1,086	Mechanics and repairmen.....	1,685,514	20,961
Salesmen and sales clerks (n. e. c.).....	2,042,229	1,259,526	Airplane.....	69,567	1,147
Manufacturing.....	298,271	22,452	Automobile.....	646,525	4,082
Wholesale trade.....	391,757	15,062	Office machine.....	15,657	238
Retail trade.....	1,253,109	1,192,323	Radio and television.....	72,794	2,027
Other industries (incl. not reported).....	99,092	29,689	Railroad and car shop.....	47,252	221
			Not elsewhere classified.....	833,719	13,246

## No. 241.—DETAILED OCCUPATION OF EMPLOYED PERSONS, BY SEX: 1950—Continued

OCCUPATION	Male	Female	OCCUPATION	Male	Female
<b>Craftsmen, etc.—Con.</b>			<b>Operatives, etc.—Con.</b>		
Millers, grain, flour, feed, etc.	9,534	67	Mine operatives and laborers (n. e. c.)—Continued		
Millwrights	57,705	241	Mining and quarrying, except fuel	105,736	2,948
Molders, metal	59,879	667	Motormen, mine, factory, logging camp, etc.	23,637	214
Motion picture projectionists	25,625	482	Motormen, street, subway, and elevated railway	26,190	350
Opticians, and lens grinders and polishers	16,643	2,518	Oilers and greasers, except auto	57,842	934
Painters, construction and maintenance	381,994	8,091	Painters, except construction and maintenance	103,325	13,354
Paperhangers	17,994	2,941	Photographic process workers	15,556	12,463
Pattern and model makers, except paper	34,663	1,204	Power station operators	20,642	829
Photoengravers and lithographers	27,449	1,062	Sailors and deck hands	39,533	754
Piano and organ tuners and repairmen	7,478	266	Sawyers	91,835	1,887
Plasterers	59,819	492	Spinners, textile	20,239	60,589
Plumbers and pipe fitters	275,892	1,972	Stationary firemen	120,742	1,105
Pressmen and plate printers, printing	46,998	2,126	Switchmen, railroad	60,837	476
Rollers and roll hands, metal	29,700	659	Taxicab drivers and chauffeurs	198,681	3,409
Roofers and slaters	44,126	237	Truck and tractor drivers	1,321,131	8,051
Shoemakers and repairers, except factory	54,969	2,149	Weavers, textile	59,316	38,593
Stationary engineers	212,504	1,434	Welders and flame-cutters	250,890	9,415
Stone cutters and stone carvers	8,477	226			
Structural metal workers	48,963	267	Operatives and kindred workers (n. e. c.)	3,741,370	2,378,212
Tailors and tailoresses	66,435	16,048	Manufacturing	3,190,517	2,214,989
Tinsmiths, coppersmiths, and sheet metal workers	121,660	1,163	Durable goods	1,773,109	634,360
Toolmakers, and die makers and setters	151,587	1,059	Sawmills, planing mills, and misc. wood products	169,200	15,623
Upholsterers	55,942	5,219	Sawmills, planing mills, and mill work	137,605	4,971
Craftsmen and kindred workers (n. e. c.)	68,385	1,124	Misc. wood products	31,595	10,652
Members of the Armed Forces			Furniture and fixtures	97,561	26,255
			Stone, clay, and glass products	135,397	46,815
<b>Operatives and kindred workers</b>	<b>8,127,433</b>	<b>3,018,787</b>	Glass and glass products	50,563	21,736
Apprentices	112,053	3,168	Cement, and concrete, gypsum, and plaster products	27,511	890
Auto mechanics	3,546	147	Structural clay products	17,198	3,984
Bricklayers and masons	6,122	22	Pottery and related products	19,157	14,186
Carpenters	9,890	82	Misc. nonmetallic mineral and stone products	20,968	6,019
Electricians	8,776	78	Metal industries	431,352	91,867
Machinists and toolmakers	15,126	159	Primary metal industries	239,586	18,562
Mechanics, except auto	5,822	460	Blast furnaces, steel works, and rolling mills	120,723	5,828
Plumbers and pipe fitters	11,387	533	Other primary iron and steel industries	65,530	4,142
Building trades (n. e. c.)	3,967	30	Primary nonferrous industries	53,333	8,592
Metalworking trades (n. e. c.)	6,551	71	Fabricated metal industries (incl. not spec. metal)	191,766	73,305
Printing trades	14,817	393	Fabricated steel products	171,238	60,217
Other specified trades	12,130	472	Fabricated nonferrous metal products	17,871	12,234
Trade not specified	13,919	721	Not spec. metal industries	2,657	854
Asbestos and insulation workers	14,791	405	Machinery, exc. electrical	282,084	61,327
Attendants, auto service and parking	229,381	6,633	Agricultural machinery and tractors	46,746	3,292
Blasters and powdermen	10,818	91	Office and store machines and devices	24,607	12,476
Boatmen, canalmen, and lock keepers	7,901	203	Misc. machinery	210,731	45,559
Brakemen, railroad	78,123	304	Electrical machinery, equipment, and supplies	154,615	179,946
Bus drivers	150,058	4,951	Transportation equipment	361,247	66,097
Chainmen, rodmen, and axmen, surveying	6,789	163	Motor vehicles and motor vehicle equipment	280,218	56,350
Conductors, bus and street railway	11,073	208	Aircraft and parts	54,464	7,775
Deliverymen and routemen	234,281	4,270	Ship and boat building and repairing	12,260	537
Dressmakers and seamstresses, except factory	3,809	134,310			
Dyers	23,167	1,043			
Fileers, grinders, and polishers, metal	141,021	6,703			
Fruit, nut, and vegetable graders and packers, excl. factory	11,451	17,294			
Furnacemen, smeltermen, and pourers	54,153	1,239			
Heaters, metal	8,854	416			
Laundry and dry cleaning operatives	140,802	287,533			
Meat cutters, except slaughter and packing house	167,153	3,471			
Milliners	1,305	11,034			
Mine operatives and laborers (n. e. c.)	568,684	4,713			
Coal mining	360,789	1,313			
Crude petroleum and natural gas extraction	102,159	452			



## No. 241.—DETAILED OCCUPATION OF EMPLOYED PERSONS, BY SEX: 1950—Continued

OCCUPATION	Male	Female	OCCUPATION	Male	Female
<b>Operatives, etc.—Con.</b>			<b>Operatives, etc.—Con.</b>		
Operatives, etc. (n. e. c.)—Con.			Operatives, etc. (n. e. c.)—Con.		
Manufacturing—Durable goods—Transportation equipment—Continued			Nonmanufacturing industries (incl. not reported).....	550,853	163,223
Railroad and misc. transportation equipment.....	14,305	1,435	Construction.....	62,633	1,387
Professional and photographic equipment, and watches.....	39,371	35,161	Railroads and railway express service.....	89,697	1,154
Professional equipment and supplies.....	21,962	18,137	Transportation, except railroad.....	29,744	4,590
Photographic equipment and supplies.....	9,787	5,953	Telecommunications, and utilities and sanitary services.....	46,516	3,284
Watches, clocks, and clockwork-operated devices.....	7,622	11,071	Wholesale and retail trade.....	176,654	107,834
Miscellaneous manufacturing industries.....	102,282	111,269	Business and repair services.....	42,996	6,631
Nondurable goods.....	1,397,664	1,562,915	Personal services.....	8,699	11,168
Food and kindred products.....	303,469	186,337	Public administration.....	44,077	6,207
Meat products.....	88,174	35,549	All other industries (incl. not reported).....	49,837	20,968
Dairy products.....	49,109	9,384	<b>Private household workers.....</b>	<b>73,156</b>	<b>1,334,310</b>
Canning and preserving fruits, vegetables, and sea foods.....	25,717	43,120	Housekeepers, private household.....	5,258	134,453
Grain-mill products.....	26,763	4,742	Living in.....	567	52,188
Bakery products.....	29,785	33,402	Living out.....	4,691	82,265
Confectionery and related products.....	15,537	29,349	Laundresses, private household.....	2,203	68,978
Beverage industries.....	43,839	9,018	Living in.....	5	638
Misc. food preparations and kindred products.....	19,789	15,219	Living out.....	2,198	68,340
Not specified food industries.....	4,756	6,554	Private household workers (n. e. c.).....	65,695	1,130,879
Tobacco manufactures.....	18,455	43,200	Living in.....	11,952	150,190
Textile mill products.....	310,295	354,786	Living out.....	53,743	980,689
Knitting mills.....	40,586	104,926	<b>Service workers, except private household.....</b>	<b>2,373,410</b>	<b>1,914,293</b>
Dyeing and finishing textiles, excluding knit goods.....	18,791	5,397	Attendants, hospital and other institution.....	83,117	121,261
Carpets, rugs, and other floor coverings.....	13,881	10,603	Attendants, professional and personal service (n. e. c.).....	16,014	31,587
Yarn, thread, and fabric mills.....	221,354	220,054	Attendants, recreation and amusement.....	54,070	4,756
Misc. textile mill products.....	15,683	13,806	Barbers, beauticians, and manicurists.....	192,595	189,870
Apparel and other fabricated textile products.....	156,498	655,351	Bartenders.....	180,036	13,431
Apparel and accessories.....	141,347	616,864	Boarding and lodging housekeepers.....	7,793	21,052
Misc. fabricated textile products.....	15,151	38,487	Bootblacks.....	13,376	465
Paper and allied products.....	147,559	70,829	Charwomen and cleaners.....	47,196	72,116
Pulp, paper, and paperboard mills.....	85,978	15,715	Cooks, except private household.....	192,340	242,422
Paperboard containers and boxes.....	32,290	26,850	Counter and fountain workers.....	42,120	44,423
Misc. paper and pulp products.....	29,291	28,264	Elevator operators.....	62,160	26,929
Printing, publishing, and allied industries.....	41,799	33,136	Firemen, fire protection.....	109,416	444
Chemicals and allied products.....	141,858	41,402	Guards, watchmen, and doorkeepers.....	231,987	5,216
Synthetic fibers.....	17,306	8,280	Housekeepers and stewards, except private household.....	22,924	82,904
Drugs and medicines.....	5,715	8,615	Janitors and sextons.....	401,327	53,195
Paints, varnishes, and related products.....	14,796	2,638	Marshals and constables.....	6,312	182
Misc. chemicals and allied products.....	104,041	21,869	Midwives.....	286	1,391
Petroleum and coal products.....	51,206	1,416	Policemen and detectives.....	188,663	3,501
Petroleum refining.....	45,022	1,166	Government.....	169,969	2,368
Miscellaneous petroleum and coal products.....	6,184	250	Private.....	18,694	1,133
Rubber products.....	82,835	36,259	Porters.....	158,261	3,630
Leather and leather products.....	143,690	140,199	Practical nurses.....	5,598	130,304
Leather: tanned, curried, and finished.....	24,751	4,643	Sheriffs and bailiffs.....	17,710	755
Footwear, except rubber.....	98,911	110,743	Ushers, recreation and amusement.....	15,430	7,836
Leather products, except footwear.....	20,028	24,813	Waiters and waitresses.....	119,263	545,565
Not specified manufacturing industries.....	19,744	17,714	Watchmen (crossing) and bridge tenders.....	11,044	457
			Service workers, except private household (n. e. c.).....	194,372	310,601
			<b>Farm laborers and foremen.....</b>	<b>1,950,453</b>	<b>449,336</b>
			Farm foremen.....	16,295	446
			Farm laborers, wage workers.....	1,333,270	130,327
			Farm laborers, unpaid family workers.....	592,778	317,578
			Farm service laborers, self-employed.....	8,115	985

## No. 241.—DETAILED OCCUPATION OF EMPLOYED PERSONS, BY SEX: 1950—Continued

OCCUPATION	Male	Female	OCCUPATION	Male	Female
<b>Laborers, except farm and mine</b> .....	<b>3, 290, 253</b>	<b>126, 979</b>	<b>Laborers, etc.—Con.</b>		
Fishermen and oystermen.....	66, 572	969	Laborers (n. e. c.)—Continued		
Garage laborers, car washers and greasers.....	62, 859	2, 223	Manufacturing—Nondurable goods—Continued		
Gardeners, except farm, and groundskeepers.....	142, 227	3, 292	Food and kindred products—Continued		
Longshoremen and stevedores.....	62, 003	666	Canning and preserving fruits, vegetables, and sea foods.....	16, 211	3, 077
Lumbermen, raftsmen, and wood choppers.....	170, 495	1, 580	Grain-mill products.....	17, 940	268
Teamsters.....	20, 851	314	Bakery products.....	7, 582	1, 150
Laborers (n. e. c.).....	2, 765, 246	117, 935	Confectionery and related products.....	3, 073	592
Manufacturing.....	1, 023, 986	67, 454	Beverage industries.....	21, 976	680
Durable goods.....	656, 618	29, 621	Misc. food preparations and kindred products.....	16, 876	811
Sawmills, planing mills, and misc. wood products.....	152, 276	3, 905	Not specified food industries.....	2, 402	451
Sawmills, planing mills, and mill work.....	137, 582	2, 316	Tobacco manufactures.....	5, 417	1, 687
Misc. wood products.....	14, 694	1, 589	Textile mill products.....	51, 813	8, 363
Furniture and fixtures.....	18, 331	1, 405	Knitting mills.....	1, 956	843
Stone, clay, and glass products.....	74, 662	3, 047	Dyeing and finishing textiles, excl. knit goods.....	2, 870	117
Glass and glass prod.....	13, 019	1, 252	Carpets, rugs, and other floor coverings.....	5, 292	455
Cement, and concrete, gypsum, and plaster products.....	21, 611	183	Yarn, thread, and fabric mills.....	38, 682	6, 469
Structural clay prod.....	25, 977	656	Misc. textile mill products.....	3, 013	474
Pottery and related products.....	5, 621	706	Apparel and other fabricated textile products.....	6, 510	3, 867
Misc. nonmetallic mineral and stone prod.....	8, 434	250	Apparel and accessories.....	4, 562	3, 307
Metal industries.....	255, 548	8, 017	Misc. fabricated textile products.....	1, 948	560
Primary metal industries.....	204, 266	2, 834	Paper and allied products.....	40, 946	3, 107
Blast furnaces, steel works, and rolling mills.....	131, 043	1, 481	Pulp, paper, and paperboard mills.....	26, 412	789
Other primary iron and steel industries.....	47, 859	762	Paperboard containers and boxes.....	7, 599	1, 334
Primary nonferrous industries.....	25, 364	591	Misc. paper and pulp products.....	6, 935	984
Fabricated metal industries (incl. not spec. metal).....	51, 282	5, 183	Printing, publishing, and allied industries.....	9, 963	1, 178
Fabricated steel prod.....	46, 346	4, 648	Chemical and allied prod.....	60, 526	2, 657
Fabricated nonferrous metal products.....	4, 131	479	Synthetic fibers.....	2, 848	208
Not specified metal industries.....	805	56	Drugs and medicines.....	1, 568	313
Machinery, exc. electrical.....	51, 416	1, 979	Paints, varnishes, and related products.....	4, 259	246
Agricultural machinery and tractors.....	12, 432	387	Misc. chemicals and allied products.....	51, 851	1, 890
Office and store machines and devices.....	1, 482	136	Petroleum and coal products.....	28, 677	307
Misc. machinery.....	37, 502	1, 456	Petroleum refining.....	23, 174	224
Electrical machinery, equipment, and supplies.....	24, 640	4, 901	Misc. petroleum and coal products.....	5, 503	83
Transportation equip.....	63, 481	2, 659	Rubber products.....	13, 893	2, 110
Motor vehicles and motor vehicle equip.....	43, 629	2, 188	Leather and leather products.....	10, 976	2, 700
Aircraft and parts.....	3, 359	192	Leather: tanned, curried, and finished.....	5, 959	613
Ship and boat building and repairing.....	11, 873	141	Footwear, except rubber.....	3, 655	1, 609
Railroad and misc. transportation equip.....	4, 620	138	Leather products, except footwear.....	1, 362	478
Professional and photographic equipment and watches.....	3, 622	755	Not specified manufacturing industries.....	8, 031	1, 021
Professional equipment and supplies.....	2, 057	443	Nonmanufacturing industries (incl. not reported).....	1, 741, 260	50, 481
Photographic equipment and supplies.....	925	125	Construction.....	649, 341	5, 045
Watches, clocks, and clockwork-operated devices.....	640	187	Railroads and railway express service.....	256, 389	6, 484
Misc. manufacturing industries.....	12, 642	2, 953	Transportation, except railroad.....	102, 188	2, 124
Nondurable goods.....	359, 337	36, 812	Telecommunications, and utilities and sanitary services.....	124, 132	1, 528
Food and kindred prod.....	130, 616	10, 836	Wholesale and retail trade.....	295, 363	16, 954
Meat products.....	31, 033	3, 125	Business and repair services.....	12, 864	587
Dairy products.....	13, 523	682	Personal services.....	65, 528	6, 183
			Public administration.....	95, 693	2, 502
			All other industries (incl. not reported).....	139, 762	9, 074
			<b>Occupation not reported</b> .....	<b>458, 229</b>	<b>282, 293</b>

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II, Part 1.



No. 242.—MAJOR OCCUPATION GROUP AND CLASS OF WORKER OF EMPLOYED PERSONS, BY STATES: 1950

DIVISION AND STATE	Total employed	MAJOR OCCUPATION GROUP							
		Profes- sional, technical, and kindred workers	Farmers and farm managers	Managers, officials, and prop- rietors, exc. farm	Clerical and kindred workers	Sales workers	Crafts- men, fore- men, and kindred workers	Opera- tives and kindred workers	Private house- hold workers
<b>U. S.</b>	<b>56,239,449</b>	<b>4,910,208</b>	<b>4,308,535</b>	<b>5,018,036</b>	<b>6,895,323</b>	<b>3,926,816</b>	<b>7,782,990</b>	<b>11,140,214</b>	<b>1,407,817</b>
<b>Regions:</b>									
Northeast	15,449,372	1,502,967	279,056	1,471,201	2,252,323	1,106,392	2,300,493	3,719,082	321,842
N. Central	17,225,904	1,437,267	1,638,834	1,450,900	2,148,016	1,205,104	2,474,676	3,418,863	285,510
South	16,498,650	1,235,587	2,014,070	1,326,817	1,586,335	1,053,339	1,966,978	2,951,880	662,978
West	7,065,523	734,387	376,575	769,118	908,649	561,981	1,040,843	1,050,389	137,487
<b>N. E.</b>	<b>2,611,310</b>	<b>345,235</b>	<b>65,304</b>	<b>318,565</b>	<b>488,972</b>	<b>258,582</b>	<b>550,588</b>	<b>966,008</b>	<b>64,969</b>
Maine	312,326	23,684	16,857	27,177	29,374	21,249	40,866	79,214	7,005
N. H.	202,681	16,437	7,280	17,222	20,314	12,986	29,191	61,966	4,003
Vt.	137,277	11,749	13,548	11,786	13,900	8,140	17,538	25,982	4,333
Mass.	1,826,707	187,275	14,423	161,086	270,006	139,237	270,934	478,347	29,484
R. I.	304,512	24,164	1,941	25,879	38,511	20,915	47,438	100,386	4,145
Conn.	827,807	81,926	11,255	75,415	116,867	56,055	138,621	220,113	15,999
<b>M. A.</b>	<b>11,838,062</b>	<b>1,157,732</b>	<b>213,752</b>	<b>1,152,636</b>	<b>1,763,351</b>	<b>847,810</b>	<b>1,749,905</b>	<b>2,753,074</b>	<b>256,873</b>
N. Y.	5,944,261	629,350	97,561	648,087	981,524	441,860	816,059	1,233,293	140,296
N. J.	1,962,632	198,887	21,834	200,785	293,054	132,422	311,033	473,736	40,688
Pa.	3,931,169	329,495	94,357	303,764	488,773	273,528	622,813	1,046,045	75,889
<b>E. N. C.</b>	<b>11,872,955</b>	<b>1,008,134</b>	<b>713,015</b>	<b>985,228</b>	<b>1,556,191</b>	<b>830,627</b>	<b>1,845,371</b>	<b>2,695,295</b>	<b>197,809</b>
Ohio	3,059,605	263,909	145,180	253,254	394,279	223,503	505,204	704,817	56,892
Ind.	1,518,442	115,612	126,673	119,759	170,795	101,616	233,144	352,538	20,170
Ill.	3,546,051	318,046	173,318	315,459	551,215	247,903	528,707	747,559	54,892
Mich.	2,393,574	202,723	113,410	189,498	294,244	167,991	392,064	619,125	40,125
Wis.	1,355,283	107,844	154,434	107,258	145,658	89,614	186,252	271,256	19,730
<b>W. N. C.</b>	<b>5,352,949</b>	<b>429,133</b>	<b>925,819</b>	<b>465,672</b>	<b>591,825</b>	<b>374,477</b>	<b>629,305</b>	<b>723,568</b>	<b>87,701</b>
Minn.	1,143,872	98,769	171,970	100,086	136,156	81,213	141,905	158,350	17,592
Iowa	1,002,180	76,658	198,938	83,671	97,427	70,203	113,281	129,588	16,263
Mo.	1,521,817	117,783	191,143	132,747	195,693	110,748	183,202	263,961	29,149
N. Dak.	223,542	16,527	67,782	18,265	16,064	12,881	18,986	13,616	2,602
S. Dak.	242,268	18,590	67,787	20,719	18,156	14,589	22,051	18,989	3,136
Nebr.	511,649	41,015	107,830	44,129	52,995	35,164	55,945	51,113	7,255
Kans.	707,621	59,791	120,369	66,055	75,334	49,679	93,935	87,951	11,704
<b>S. A.</b>	<b>7,656,503</b>	<b>584,298</b>	<b>702,714</b>	<b>596,027</b>	<b>785,027</b>	<b>486,636</b>	<b>929,564</b>	<b>1,546,628</b>	<b>333,907</b>
Del.	126,637	13,227	5,959	10,809	16,038	7,454	19,768	23,547	4,802
Md.	894,775	89,107	27,740	78,826	128,080	63,154	142,610	163,089	31,453
D. C.	373,490	51,020	150	26,717	109,135	21,247	36,256	36,102	18,561
Va.	1,150,164	94,690	102,057	89,230	128,273	72,872	152,294	223,106	43,999
W. Va.	628,157	45,701	37,225	46,416	52,858	38,974	90,506	194,605	12,078
N. C.	1,463,352	86,427	226,531	93,930	97,660	85,030	152,536	351,083	55,943
S. C.	755,378	44,656	105,491	44,325	43,593	41,808	74,745	172,371	40,330
Ga.	1,254,935	78,096	157,318	89,538	106,965	75,577	128,420	248,412	74,390
Fla.	1,009,615	81,374	40,243	116,236	102,475	80,520	132,429	134,313	52,351
<b>E. S. C.</b>	<b>3,838,789</b>	<b>247,316</b>	<b>715,768</b>	<b>261,865</b>	<b>296,674</b>	<b>218,052</b>	<b>408,561</b>	<b>684,738</b>	<b>152,198</b>
Ky.	954,986	59,815	171,992	67,138	80,748	55,675	110,388	189,889	22,992
Tenn.	1,135,646	81,356	176,123	81,461	102,130	71,523	133,657	214,807	40,972
Ala.	1,031,306	64,822	160,813	69,841	75,321	57,839	110,903	194,990	55,006
Miss.	716,851	41,323	206,840	43,425	38,475	33,015	63,613	85,052	33,228
<b>W. S. C.</b>	<b>5,003,358</b>	<b>403,973</b>	<b>595,588</b>	<b>468,925</b>	<b>504,634</b>	<b>348,651</b>	<b>628,853</b>	<b>720,514</b>	<b>176,873</b>
Ark.	615,796	37,455	143,628	47,114	39,700	35,215	57,792	79,113	17,719
La.	875,608	69,879	89,781	74,110	85,530	56,175	100,922	131,539	43,684
Okla.	753,511	69,505	109,956	74,406	81,004	54,111	98,445	97,737	16,758
Tex.	2,758,443	227,134	252,223	273,295	298,400	203,150	371,694	412,125	98,712
<b>Mt.</b>	<b>1,746,673</b>	<b>168,222</b>	<b>180,015</b>	<b>177,423</b>	<b>188,547</b>	<b>119,686</b>	<b>235,332</b>	<b>237,966</b>	<b>30,519</b>
Mont.	218,460	19,126	34,335	20,733	20,630	13,520	26,437	26,399	2,719
Idaho	205,993	16,334	36,118	19,173	17,518	13,452	25,431	25,262	3,187
Wyo.	107,836	10,049	12,239	10,649	9,994	5,829	15,102	15,945	1,454
Colo.	476,644	50,085	42,463	49,665	60,736	36,145	62,975	62,817	8,268
N. Mex.	206,544	20,929	20,959	20,897	19,129	12,355	27,841	27,038	4,859
Ariz.	238,695	23,292	12,679	26,542	24,003	17,504	32,139	35,497	6,125
Utah	228,866	22,384	18,223	22,170	29,651	17,298	36,506	36,383	2,811
Nev.	63,635	6,023	2,999	7,594	6,886	3,583	8,901	8,625	1,096
<b>Pac.</b>	<b>5,318,850</b>	<b>566,165</b>	<b>196,560</b>	<b>591,695</b>	<b>720,102</b>	<b>442,295</b>	<b>805,511</b>	<b>812,422</b>	<b>106,968</b>
Wash.	840,062	83,310	45,719	86,667	104,877	65,158	132,665	125,033	13,786
Oreg.	576,510	50,309	39,972	63,112	65,096	43,096	78,305	88,853	9,976
Calif.	3,902,278	432,546	110,869	441,916	550,129	334,041	594,541	598,538	83,206

NO. 242.—MAJOR OCCUPATION GROUP AND CLASS OF WORKER OF EMPLOYED PERSONS, BY STATES: 1950—Continued

DIVISION AND STATE	MAJOR OCCUPATION GROUP—continued					CLASS OF WORKER			
	Service workers, except private household	Farm laborers, unpaid family workers	Farm laborers, except unpaid, and foremen	Laborers, except farm and mine	Occupation not reported	Private wage and salary workers	Government workers	Self- employed workers	Unpaid family workers
U. S.-----	4,286,528	910,358	1,489,907	3,430,581	732,136	40,037,668	5,495,690	9,591,482	1,114,609
Regions:									
Northeast.....	1,241,841	42,742	160,028	878,741	172,664	12,199,693	1,391,813	1,777,722	80,144
N. Central.....	1,287,524	325,925	365,895	949,245	238,145	12,203,976	1,451,379	3,180,396	390,153
South.....	1,143,164	482,130	689,892	1,145,763	239,717	10,776,944	1,752,520	3,418,653	550,533
West.....	613,999	59,561	274,092	456,832	81,610	4,857,055	899,978	1,214,711	93,779
N. E.-----	270,530	7,379	45,706	191,863	37,609	2,863,789	335,874	396,493	15,154
Maine.....	19,746	1,688	9,530	31,768	4,168	226,216	29,392	53,598	3,120
N. H.....	13,744	794	4,317	12,460	1,967	154,023	19,413	27,657	1,588
Vt.....	9,371	2,505	8,543	8,189	1,693	94,029	12,416	27,742	3,090
Mass.....	151,417	1,148	12,784	88,155	16,411	1,466,322	186,496	169,978	3,911
R. I.....	21,576	142	1,651	14,145	3,619	246,569	27,524	29,650	769
Conn.....	54,676	1,102	8,881	37,146	9,751	676,630	60,633	87,868	2,676
M. A.-----	971,311	35,363	114,322	686,878	135,055	9,335,904	1,055,939	1,381,229	64,990
N. Y.....	548,444	14,002	51,560	272,238	69,987	4,602,746	579,826	733,811	27,878
N. J.....	139,304	3,528	19,017	108,308	20,036	1,569,969	161,720	222,125	8,818
Pa.....	233,563	17,833	43,745	306,332	45,032	3,163,189	314,393	425,293	28,294
E. N. C.-----	909,833	129,709	183,849	667,073	150,821	8,998,924	967,205	1,739,138	167,688
Ohio.....	230,953	22,765	37,405	183,651	37,793	2,368,196	258,679	401,723	31,007
Ind.....	109,417	16,533	28,666	94,882	22,637	1,121,609	117,335	258,088	21,410
Ill.....	292,635	20,009	51,270	201,458	43,580	2,744,715	284,855	485,653	30,828
Mieh.....	182,298	16,646	25,798	119,216	30,436	1,850,979	201,026	318,291	23,278
Wis.....	94,530	53,756	40,710	67,866	16,375	913,425	105,310	275,383	61,165
W. N. C.-----	377,691	196,216	182,046	282,172	87,324	3,205,052	484,174	1,441,258	222,465
Minn.....	85,390	49,618	34,495	54,982	13,346	709,442	102,029	277,764	54,637
Iowa.....	66,589	37,297	44,506	50,251	17,508	574,394	85,932	299,500	42,354
Mo.....	111,880	33,743	36,707	87,060	28,001	1,023,310	124,528	333,566	40,413
N. Dak.....	14,062	17,161	13,512	8,577	3,507	96,967	21,761	86,424	18,390
S. Dak.....	15,023	15,386	14,017	10,336	3,489	106,779	26,254	92,106	17,129
Nebr.....	35,711	21,466	20,233	28,589	10,204	278,466	50,287	158,774	24,122
Kans.....	49,036	21,545	18,756	42,377	11,269	415,694	73,383	193,124	25,420
S. A.-----	531,307	212,194	303,112	535,475	109,614	5,199,090	910,671	1,308,339	238,403
Del.....	8,931	502	4,165	9,447	1,988	99,267	10,146	16,405	819
Md.....	68,783	4,245	20,387	65,761	11,590	657,135	129,278	101,477	6,885
D. C.....	48,550	27	247	20,400	5,078	199,648	150,861	22,428	553
Va.....	75,746	16,066	46,550	88,125	17,156	770,437	173,525	187,201	19,001
W. Va.....	36,685	9,257	13,928	40,226	9,698	480,913	52,750	82,817	11,677
N. C.....	77,339	74,511	55,978	84,614	21,770	941,356	112,626	330,113	79,227
S. C.....	37,653	48,884	40,668	50,709	10,145	489,863	61,894	152,213	51,408
Ga.....	79,434	49,942	54,177	94,546	18,120	839,631	111,622	249,291	54,391
Fla.....	98,186	8,760	67,012	81,647	14,069	720,810	107,969	166,394	14,442
E. S. C.-----	232,053	164,608	151,442	246,648	58,866	2,318,852	338,063	1,002,689	179,185
Ky.....	58,522	32,425	39,446	51,691	14,565	594,129	74,141	250,511	36,205
Tenn.....	77,325	30,520	37,812	69,011	18,949	729,034	107,379	265,020	34,213
Ala.....	60,142	49,194	38,114	78,789	15,532	649,339	97,635	231,112	53,220
Miss.....	36,064	52,469	36,370	47,157	9,820	346,350	58,908	256,046	55,547
W. S. C.-----	379,804	105,328	235,338	363,640	71,237	3,259,002	503,786	1,107,625	132,945
Ark.....	34,917	26,254	40,271	46,119	10,499	332,832	52,370	200,573	30,021
La.....	70,185	20,216	37,302	84,291	11,994	594,325	89,209	168,062	24,012
Okla.....	56,581	19,544	22,263	41,080	12,121	441,795	92,414	194,662	24,640
Tex.....	218,121	39,314	135,502	192,150	36,623	1,890,050	269,793	544,328	54,272
Mt.-----	150,246	33,328	90,163	110,115	25,111	1,095,236	233,367	374,923	43,147
Mont.....	18,557	5,333	13,700	13,825	3,146	129,420	25,295	57,316	6,429
Idaho.....	15,350	6,219	11,994	13,310	2,645	117,183	21,907	59,194	7,709
Wyo.....	8,772	2,126	7,297	6,688	1,692	66,765	14,695	23,684	2,692
Colo.....	41,820	8,630	19,069	27,944	6,027	308,599	60,816	96,204	11,025
N. Mex.....	16,259	4,425	11,708	15,405	4,740	124,609	32,103	44,094	5,738
Ariz.....	21,621	3,378	16,889	15,730	3,296	160,302	30,741	42,560	5,092
Utah.....	17,671	2,804	6,700	13,591	2,674	146,411	38,239	40,567	3,649
Nev.....	10,196	413	2,806	3,622	891	41,947	9,571	11,304	813
Pac.-----	463,753	26,233	183,929	346,717	56,499	3,761,819	666,611	839,788	50,632
Wash.....	73,093	7,128	22,394	69,118	11,115	571,994	114,719	142,358	10,991
Oreg.....	45,951	7,219	20,269	57,607	6,745	391,216	60,589	114,212	10,493
Calif.....	344,709	11,886	141,266	219,992	38,639	2,798,609	491,303	583,218	29,148

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II, Part 1.



## No. 243.—DETAILED INDUSTRY OF EMPLOYED PERSONS, BY SEX: 1950

[Persons 14 years old and over. Figures may differ from those in other tables because of different tabulations; see text, p. 1]

INDUSTRY	Male	Female	INDUSTRY	Male	Female
<b>Total employed</b> .....	<b>40,510,176</b>	<b>15,715,164</b>	<b>Manufacturing—Con.</b>		
<b>Agriculture, forestry, and fisheries</b> .....	<b>6,406,534</b>	<b>589,625</b>	<b>Nondurable goods</b> .....	<b>4,331,677</b>	<b>2,367,187</b>
Agriculture.....	6,291,657	584,144	Food and kindred products.....	1,082,919	318,280
Forestry.....	40,401	3,134	Meat products.....	217,889	55,977
Fisheries.....	74,476	2,347	Dairy products.....	135,447	26,283
<b>Mining</b> .....	<b>906,286</b>	<b>23,178</b>	Canning and preserving fruits, vegetables and sea foods.....	88,167	58,277
Metal mining.....	90,607	2,083	Grain-mill products.....	101,710	14,833
Coal mining.....	504,118	5,555	Bakery products.....	210,569	62,658
Crude petroleum and natural gas extraction.....	220,613	12,417	Confectionery and related products.....	38,961	38,865
Nonmetallic mining and quarrying, exc. fuel.....	90,948	3,123	Beverage industries.....	176,555	23,637
<b>Construction</b> .....	<b>3,342,334</b>	<b>98,356</b>	Misc. food preparations and kindred products.....	88,847	24,976
<b>Manufacturing</b> .....	<b>10,929,699</b>	<b>3,641,052</b>	Not specified food industries.....	24,774	12,774
<b>Durable goods</b> .....	<b>6,515,830</b>	<b>1,238,219</b>	Tobacco manufactures.....	44,370	49,757
Lumber and wood products, except furniture.....	821,247	39,265	Textile mill products.....	712,787	528,620
Logging.....	169,700	2,197	Knitting mills.....	73,178	120,544
Sawmills, planing mills, and millwork.....	566,304	20,056	Dyeing and finishing textiles, except knit goods.....	44,324	9,390
Miscellaneous wood products.....	85,243	17,012	Carpets, rugs, and other floor coverings.....	44,880	20,283
Furniture and fixtures.....	278,874	51,369	Yarn, thread, and fabric mills.....	514,544	358,043
Stone, clay, and glass products.....	381,579	80,308	Misc. textile mill products.....	35,861	20,360
Glass and glass products.....	108,005	33,769	Apparel and other fabricated textile products.....	311,005	754,227
Cement and concrete, gypsum, and plaster products.....	99,596	5,365	Apparel and accessories.....	273,554	706,745
Structural clay products.....	69,382	8,544	Misc. fabricated textile products.....	37,451	47,482
Pottery and related products.....	36,034	19,453	Paper and allied products.....	356,880	109,498
Misc. nonmetallic mineral and stone products.....	68,562	13,177	Pulp, paper, and paperboard mills.....	199,441	28,309
Metal industries.....	1,781,645	223,584	Paperboard containers and boxes.....	75,731	36,758
Primary metal industries.....	1,090,581	76,073	Misc. paper and pulp products.....	81,708	44,431
Blast furnaces, steel works, and rolling mills.....	626,682	36,065	Printing, publishing, and allied industries.....	644,783	214,185
Other primary iron and steel industries.....	271,111	16,883	Chemicals and allied products.....	530,295	128,796
Primary nonferrous industries.....	192,788	23,125	Synthetic fibers.....	40,214	12,488
Fabricated metal industries (incl. not specified metal).....	691,064	147,511	Drugs and medicines.....	33,650	21,747
Fabricated steel products.....	597,679	124,232	Paints, varnishes, and related products.....	47,910	10,459
Fabricated nonferrous metal products.....	82,751	21,459	Misc. chemicals and allied products.....	408,521	84,102
Not spec. metal industries.....	10,634	1,820	Petroleum and coal products.....	254,929	32,248
Machinery, except electrical.....	1,123,128	173,255	Petroleum refining.....	228,755	30,284
Agricultural machinery and tractors.....	158,242	17,618	Misc. petroleum and coal products.....	26,174	1,964
Office and store machines and devices.....	80,450	25,187	Rubber products.....	177,322	60,203
Miscellaneous machinery.....	884,436	130,450	Leather and leather products.....	216,387	171,373
Electrical machinery, equip. and supplies.....	512,760	275,424	Leather: tanned, curried, and finished.....	42,084	7,618
Transportation equipment.....	1,189,068	158,022	Footwear, except rubber.....	138,257	133,512
Motor vehicles and motor vehicle equipment.....	759,545	109,429	Leather products, except footwear.....	36,046	30,243
Aircraft and parts.....	224,482	32,632	<b>Not specified manufacturing industries</b> .....	<b>82,192</b>	<b>35,646</b>
Ship and boat building and repairing.....	148,104	9,309	<b>Transportation, communication, and other public utilities</b> .....	<b>3,687,620</b>	<b>681,323</b>
Railroad and misc. transportation equipment.....	56,937	6,652	<b>Transportation</b> .....	<b>2,746,138</b>	<b>194,361</b>
Professional and photographic equipment, and watches.....	135,623	66,108	Railroads and railway express service.....	1,314,208	72,753
Professional equipment and supplies.....	82,910	37,151	Street railways and bus lines.....	297,992	25,973
Photographic equipment and supplies.....	33,610	13,329	Trucking service.....	566,921	32,749
Watches, clocks, and clock-work-operated devices.....	19,103	15,628	Warehousing and storage.....	82,921	14,608
Misc. mfg. industries.....	291,906	170,884	Taxicab service.....	154,646	9,273
			Water transportation.....	198,706	11,122
			Air transportation.....	78,977	19,264
			Petroleum and gasoline pipe lines.....	18,574	1,174
			Services incidental to transportation.....	33,193	7,445

## No. 243.—DETAILED INDUSTRY OF EMPLOYED PERSONS, BY SEX: 1950—Continued

INDUSTRY	Male	Female	INDUSTRY	Male	Female
<b>Transportation, communication, and other public utilities—Con.</b>			<b>Finance, insurance, and real estate</b> .....	<b>1, 134, 821</b>	<b>780, 299</b>
<b>Telecommunications</b> .....	<b>254, 845</b>	<b>391, 585</b>	Banking and credit agencies.....	270, 166	259, 221
Telephone (wire and radio).....	224, 312	375, 088	Security and commodity brokerage and investment companies.....	63, 233	26, 225
Telegraph (wire and radio).....	30, 533	16, 497	Insurance.....	425, 958	334, 142
<b>Utilities and sanitary services</b> .....	<b>686, 637</b>	<b>95, 377</b>	Real estate (including real estate-insurance-law offices).....	375, 464	160, 711
Electric light and power, and electric-gas utilities.....	391, 904	64, 233	<b>Business and repair services</b> .....	<b>1, 229, 988</b>	<b>182, 836</b>
Gas and steam supply systems.....	97, 616	15, 442	Advertising.....	75, 864	37, 551
Water supply.....	66, 137	6, 502	Accounting, auditing, and book-keeping services.....	77, 267	25, 083
Sanitary services.....	102, 853	2, 644	Miscellaneous business services.....	165, 246	77, 744
Other and not specified utilities.....	28, 127	6, 556	Automobile repair services and garages.....	642, 643	24, 438
<b>Wholesale and retail trade</b> .....	<b>6, 999, 085</b>	<b>3, 550, 919</b>	Miscellaneous repair services.....	268, 968	18, 020
<b>Wholesale trade</b> .....	<b>1, 599, 872</b>	<b>380, 372</b>	<b>Personal services</b> .....	<b>1, 158, 846</b>	<b>2, 328, 872</b>
Motor vehicles and equipment.....	47, 190	8, 904	Private households.....	204, 920	1, 426, 774
Drugs, chemicals, and allied products.....	62, 684	23, 708	Hotels and lodging places.....	269, 391	254, 529
Dry goods and apparel.....	79, 594	39, 646	Laundering, cleaning, and dyeing services.....	316, 923	361, 529
Food and related products.....	468, 628	113, 624	Dressmaking shops.....	2, 375	45, 977
Electrical goods, hardware, and plumbing equipment.....	129, 118	33, 256	Shoe repair shops.....	64, 300	4, 385
Machinery, equipment, and supplies.....	116, 071	23, 693	Miscellaneous personal services.....	300, 937	235, 678
Petroleum products.....	140, 326	21, 427	<b>Entertainment and recreation services</b> .....	<b>411, 690</b>	<b>141, 059</b>
Farm products—raw materials.....	91, 013	12, 237	Radio broadcasting and television.....	46, 600	15, 413
Miscellaneous wholesale trade.....	419, 044	85, 527	Theaters and motion pictures.....	136, 554	72, 866
Not specified wholesale trade.....	46, 204	18, 350	Bowling alleys, and billiard and pool parlors.....	63, 647	4, 474
<b>Retail trade</b> .....	<b>5, 399, 213</b>	<b>3, 170, 547</b>	Miscellaneous entertainment and recreation services.....	164, 889	48, 306
Food stores, exc. dairy products.....	1, 121, 818	461, 559	<b>Professional and related services</b> .....	<b>1, 954, 592</b>	<b>2, 716, 581</b>
Dairy products stores and milk retailing.....	116, 787	19, 239	Medical and other health services, except hospitals.....	309, 488	334, 742
General merchandise stores.....	332, 002	623, 169	Hospitals.....	279, 758	705, 146
Five and ten cent stores.....	38, 773	144, 831	Legal services.....	148, 454	85, 016
Apparel and accessories stores, except shoe stores.....	215, 603	314, 078	Educational services, government.....	541, 210	997, 772
Shoe stores.....	65, 456	23, 670	Educational services, private.....	207, 339	323, 888
Furniture and housefurnishings stores.....	204, 977	61, 235	Welfare and religious services.....	241, 796	158, 640
Household appliance and radio stores.....	174, 962	39, 201	Nonprofit membership organizations.....	109, 968	74, 764
Motor vehicles and accessories retailing.....	465, 783	60, 569	Engineering and architectural services.....	72, 147	12, 529
Gasoline service stations.....	434, 868	21, 844	Miscellaneous professional and related services.....	44, 432	24, 084
Drug stores.....	169, 242	127, 354	<b>Public administration</b> .....	<b>1, 836, 753</b>	<b>652, 088</b>
Eating and drinking places.....	823, 031	863, 077	Postal service.....	401, 807	52, 508
Hardware and farm implement stores.....	193, 701	36, 659	Federal public administration.....	669, 365	339, 959
Lumber and building material retailing.....	303, 540	39, 906	State public administration.....	164, 103	100, 170
Liquor stores.....	64, 946	12, 409	Local public administration.....	601, 478	159, 451
Retail florists.....	35, 038	25, 549	<b>Industry not reported</b> .....	<b>511, 928</b>	<b>328, 976</b>
Jewelry stores.....	71, 235	35, 457			
Fuel and ice retailing.....	142, 172	16, 766			
Miscellaneous retail stores.....	320, 056	143, 541			
Not specified retail trade.....	105, 223	100, 434			

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.



## No. 244.—MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS, BY STATES: 1950

[Persons 14 years old and over]

DIVISION AND STATE	Total employed	Agriculture, forestry, and fisheries	Mining	Construction	MANUFACTURING			Transportation, communication, and other public utilities
					Total <sup>1</sup>	Durable goods	Non-durable goods	
United States.....	55,239,449	7,005,406	929,152	3,439,924	14,575,703	7,756,928	6,696,709	4,368,302
New England.....	3,611,310	142,938	4,823	202,350	1,391,846	655,490	726,411	231,810
Maine.....	312,326	34,709	617	16,771	109,929	32,617	73,932	22,625
New Hampshire.....	202,681	13,625	188	12,290	81,884	25,596	56,124	11,636
Vermont.....	137,277	25,505	1,853	7,154	33,705	19,815	13,788	9,419
Massachusetts.....	1,526,707	38,914	1,453	100,783	682,840	288,096	389,704	127,011
Rhode Island.....	304,512	5,246	175	16,810	133,975	53,357	79,741	17,163
Connecticut.....	827,807	24,939	537	48,572	332,513	236,099	113,122	43,956
Middle Atlantic.....	11,838,062	392,731	205,770	648,124	3,910,047	1,890,317	1,982,996	1,016,475
New York.....	5,944,261	176,148	9,455	310,355	1,773,867	770,424	983,573	522,237
New Jersey.....	1,962,632	51,779	4,062	121,897	730,860	344,587	388,708	163,332
Pennsylvania.....	3,931,169	164,804	192,253	215,872	1,396,320	775,306	610,715	330,906
East North Central.....	11,872,955	1,058,279	108,137	595,033	4,177,752	2,913,560	1,227,572	923,393
Ohio.....	3,079,605	213,386	30,623	158,767	1,121,096	781,390	331,529	239,979
Indiana.....	1,518,442	176,103	15,279	77,420	527,836	330,224	141,434	112,914
Illinois.....	3,546,051	252,573	43,652	173,880	1,135,955	669,968	425,054	333,961
Michigan.....	2,393,574	162,031	15,543	118,418	978,312	802,606	168,167	151,063
Wisconsin.....	1,355,283	254,186	3,035	66,548	414,643	249,342	161,388	85,386
West North Central.....	5,352,949	1,326,032	47,872	312,184	824,911	368,973	443,065	442,475
Minnesota.....	1,143,872	260,831	15,803	63,233	186,905	87,742	95,496	95,253
Iowa.....	1,002,180	285,636	3,221	54,954	151,984	76,590	72,968	69,413
Missouri.....	1,521,817	267,860	3,532	84,447	331,885	147,675	179,723	134,652
North Dakota.....	223,542	98,949	756	11,256	6,519	1,505	4,943	15,577
South Dakota.....	242,268	98,229	2,731	15,111	11,781	3,676	8,099	12,995
Nebraska.....	511,648	151,648	1,073	32,838	46,915	14,620	31,552	46,810
Kansas.....	707,621	162,879	14,756	50,345	88,922	37,855	49,894	67,775
South Atlantic.....	7,656,503	1,280,946	180,929	507,824	1,661,847	589,811	1,063,224	511,394
Delaware.....	126,637	11,438	84	10,494	41,076	9,490	31,168	9,671
Maryland.....	894,775	59,288	2,783	68,270	223,201	115,172	106,366	82,331
Dist. of Columbia.....	373,490	747	121	23,576	27,381	7,858	19,363	26,474
Virginia.....	1,150,164	174,159	29,068	82,577	235,424	90,274	143,684	90,025
West Virginia.....	628,157	61,770	134,315	32,160	118,511	70,569	47,327	53,311
North Carolina.....	1,493,352	363,998	3,134	86,388	408,952	107,821	299,634	65,375
South Carolina.....	755,378	198,298	1,135	41,696	210,779	44,163	165,843	29,545
Georgia.....	1,254,935	277,204	5,047	71,865	288,198	99,206	187,429	75,955
Florida.....	1,009,615	134,074	5,302	90,528	108,325	45,258	62,410	78,707
East South Central.....	3,838,789	1,053,432	115,168	225,227	705,352	331,691	368,665	238,496
Kentucky.....	954,986	246,098	69,703	54,017	150,866	74,380	74,425	72,938
Tennessee.....	1,135,646	248,805	14,447	79,984	239,427	89,151	148,738	75,751
Alabama.....	1,031,306	253,477	27,401	54,771	224,721	119,886	104,219	59,043
Mississippi.....	716,851	305,052	3,617	36,455	90,338	48,274	41,253	30,764
West South Central.....	5,003,358	979,285	160,506	394,846	664,637	287,735	372,443	391,499
Arkansas.....	615,796	217,595	6,775	35,281	85,133	50,601	33,976	35,435
Louisiana.....	875,608	160,595	24,209	64,939	132,476	49,010	82,734	75,780
Oklahoma.....	753,511	155,159	39,611	58,350	74,119	31,281	42,248	53,114
Texas.....	2,758,443	445,939	89,911	236,276	372,909	156,843	213,435	227,170
Mountain.....	1,746,673	315,385	70,100	143,786	166,592	83,741	81,178	167,446
Montana.....	218,490	54,989	9,342	14,771	18,515	11,845	6,611	22,509
Idaho.....	205,993	56,108	5,374	15,501	18,989	11,893	6,953	18,577
Wyoming.....	107,836	22,278	8,726	9,116	6,490	1,705	4,724	13,918
Colorado.....	476,644	72,467	10,254	38,085	58,279	25,678	31,600	45,002
New Mexico.....	206,544	38,377	10,522	23,380	12,146	5,829	6,229	16,953
Arizona.....	238,695	35,599	10,490	20,444	29,986	11,051	9,785	21,132
Utah.....	228,866	28,788	12,077	17,005	27,932	14,172	13,605	21,920
Nevada.....	63,635	6,779	3,315	5,454	3,255	1,568	1,671	7,495
Pacific.....	5,318,850	456,378	35,847	410,550	1,072,719	635,610	431,155	445,404
Washington.....	840,062	85,064	3,889	68,948	178,430	117,697	60,079	76,886
Oregon.....	576,510	73,205	1,650	42,927	130,609	96,255	33,565	49,695
California.....	3,902,278	298,119	30,398	298,675	763,680	421,748	337,511	318,913

<sup>1</sup> Includes persons classified in not specified manufacturing industries.

## No. 244.—MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS, BY STATES: 1950—Con.

DIVISION AND STATE	Wholesale and retail trade	Finance, insur- ance, and real estate	Business and repair services	Personal services	Enter- tain- ment and recrea- tion services	Profes- sional and related services	Public adminis- tration	Indus- try not re- ported
<b>United States</b> .....	10,547,563	1,916,220	1,411,397	3,488,573	554,032	4,674,478	2,488,778	839,921
<b>New England</b> .....	652,037	140,470	86,582	191,464	28,704	337,807	156,586	43,893
Maine.....	52,626	6,727	8,170	18,575	2,121	25,400	12,097	-4,959
New Hampshire.....	31,971	5,054	5,071	11,792	1,584	18,343	7,029	2,244
Vermont.....	21,469	3,446	3,769	9,371	977	13,359	5,358	1,892
Massachusetts.....	352,720	77,553	43,587	95,604	15,155	183,091	87,989	20,007
Rhode Island.....	54,479	9,314	6,420	14,150	2,817	23,831	15,968	4,164
Connecticut.....	138,772	38,376	19,565	41,972	6,050	73,783	28,145	10,627
<b>Middle Atlantic</b> .....	2,281,734	551,848	319,523	693,615	122,439	1,028,013	496,522	171,221
New York.....	1,240,961	336,789	179,631	387,106	76,315	566,650	270,532	94,215
New Jersey.....	350,971	98,659	51,056	109,426	16,178	149,865	80,887	24,660
Pennsylvania.....	689,802	116,400	88,836	197,083	29,946	311,498	145,103	52,346
<b>East North Central</b> .....	2,170,834	361,019	288,030	574,882	105,574	926,894	418,066	165,152
Ohio.....	558,092	85,710	72,640	151,351	27,667	236,686	122,254	41,439
Indiana.....	266,487	39,277	32,806	71,983	11,843	115,029	47,923	23,542
Illinois.....	691,219	138,715	95,092	182,544	33,363	281,587	133,149	50,361
Michigan.....	421,247	64,436	55,377	112,580	21,589	187,502	73,802	31,674
Wisconsin.....	233,789	32,881	32,115	56,424	11,112	106,090	40,938	18,136
<b>West North Central</b> .....	1,035,860	162,134	142,441	255,055	45,541	460,156	197,615	100,673
Minnesota.....	228,208	37,326	32,695	51,322	9,955	107,156	39,689	15,496
Iowa.....	192,366	27,639	26,465	44,392	8,275	87,573	30,238	20,024
Missouri.....	298,261	50,489	37,741	83,344	12,838	118,499	60,330	31,939
North Dakota.....	39,580	4,027	6,399	7,823	1,575	18,812	8,336	3,933
South Dakota.....	42,977	4,935	6,856	9,512	2,041	21,317	9,543	4,240
Nebraska.....	97,365	17,388	14,128	23,461	4,494	43,514	20,276	11,739
Kansas.....	137,103	20,330	18,157	35,201	6,363	63,285	29,203	13,302
<b>South Atlantic</b> .....	1,294,180	199,615	151,821	643,356	64,442	574,575	468,213	117,361
Delaware.....	20,376	3,984	2,822	9,044	1,045	10,170	3,892	2,541
Maryland.....	168,668	32,174	20,397	61,504	8,479	78,593	76,383	12,704
District of Columbia.....	65,582	17,284	7,514	39,823	3,568	41,256	114,687	5,477
Virginia.....	188,590	30,055	21,759	86,051	8,182	87,034	99,166	18,134
West Virginia.....	97,495	9,994	11,603	30,198	4,723	47,524	16,584	9,969
North Carolina.....	209,439	24,414	25,896	106,693	10,202	97,847	38,469	22,545
South Carolina.....	101,965	13,361	11,109	65,158	3,962	48,916	18,623	10,591
Georgia.....	201,754	30,192	23,135	122,764	9,255	82,125	48,450	18,991
Florida.....	240,311	38,157	27,586	122,121	15,026	81,110	51,959	16,409
<b>East South Central</b> .....	589,553	76,553	73,327	283,577	25,575	265,554	122,721	64,254
Kentucky.....	147,580	20,494	21,694	53,212	7,589	65,100	29,142	16,553
Tennessee.....	193,228	25,678	23,630	83,107	7,964	85,215	37,423	20,987
Alabama.....	153,153	21,254	16,869	90,183	6,372	69,991	38,152	15,919
Mississippi.....	95,592	9,127	11,134	57,075	3,650	45,248	18,004	10,795
<b>West South Central</b> .....	1,007,686	143,710	125,296	397,680	47,471	399,503	209,575	81,664
Arkansas.....	97,546	10,566	11,720	40,437	4,334	42,591	16,527	11,856
Louisiana.....	169,845	21,969	20,158	77,839	9,071	72,028	33,446	13,253
Oklahoma.....	150,071	22,361	20,920	49,087	7,990	67,920	40,724	14,088
Texas.....	590,224	88,814	72,498	230,317	26,076	216,964	118,878	42,467
<b>Mountain</b> .....	350,713	49,819	52,084	107,012	22,344	169,613	102,926	28,853
Montana.....	41,628	5,018	6,266	10,488	1,960	19,232	10,107	3,635
Idaho.....	39,493	4,816	6,202	10,757	2,134	17,033	7,913	3,096
Wyoming.....	18,307	2,325	3,147	5,816	1,025	9,237	5,571	1,880
Colorado.....	100,431	16,947	15,146	29,075	5,715	50,975	26,582	7,086
New Mexico.....	39,145	4,550	5,871	13,610	1,966	21,220	13,585	5,189
Arizona.....	52,376	7,276	7,425	19,615	2,740	24,023	12,727	3,862
Utah.....	46,699	7,319	6,099	10,815	2,837	22,905	21,458	3,012
Nevada.....	12,634	1,568	1,928	6,236	3,967	4,988	4,983	1,093
<b>Pacific</b> .....	1,164,966	231,052	172,293	341,932	91,942	512,363	316,554	66,850
Washington.....	173,970	32,062	24,021	46,715	8,884	81,805	46,629	12,766
Oregon.....	118,388	19,573	18,009	32,174	6,263	52,546	23,695	7,866
California.....	872,608	179,417	130,260	263,043	76,795	378,012	246,230	46,218

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. II, Part 1.



## No. 245.—INDEXES OF PRODUCTIVITY FOR SELECTED INDUSTRIES: 1929 TO 1953

[1939=100. Productivity refers to output in physical units per man-hour of work (or per worker in agriculture and telegraph). Indexes of output per man-hour obtained by dividing indexes of production by indexes of man-hours. For explanation of various indexes used, see *Handbook of Labor Statistics*, 1950, p. 166. See also *Historical Statistics*, series D 213-217]

INDUSTRY	1929	1933	1935	1937	1940	1945	1949	1950	1951	1952	1953 (prel.)
All manufacturing:											
Output per man-hour.....	78.1	81.9	90.8	90.0							
Mining: <sup>1</sup>											
Output per man-hour.....	69.9	78.8	84.9	88.0	102.1	106.1	108.6	117.4			
Agriculture:											
Output per worker.....	91.6	89.2	87.5	105.3	102.5	120.1	133.9	131.0			
Steam railroad transportation: <sup>2</sup>											
Revenue traffic per man-hour.....	75.1	83.0	87.6	95.2	105.2	139.5	131.5	149.9	158.5	159.5	160.1
Electric light and power: <sup>3</sup>											
Output per man-hour.....	54.1	68.1	82.5	89.6	108.6	182.5					
Telephone: <sup>4</sup>											
Output per man-hour.....			88.2	88.8	103.0	98.8	99.1	104.5			
Telegraph: <sup>5</sup>											
Output per employee.....			86.4	93.0	92.5	116.4	122.0	134.8			
SELECTED MANUFACTURING INDUSTRIES											
(Output per man-hour)											
Beet-sugar refining.....			82.6	86.9	104.2	79.6	104.5	115.0	105.0	112.6	121.3
Canning and preserving.....	68.4	97.9	100.4	88.7	110.2	113.9	127.6	131.6	141.5	143.9	147.4
Cement.....	71.7	84.4	80.9	89.1	100.4	90.1	120.4	129.4	137.0	141.4	140.5
Clay construction products.....	88.0	87.8	84.3	88.2	105.2	88.0	117.3	125.9	127.0	122.4	136.1
Coke group.....	92.8	74.3	85.0	94.0	104.4	100.5	98.5	106.5	108.1	103.8	117.1
Glass containers.....					99.2	118.4	123.9	130.1	129.3	128.6	138.2
Hosiery group.....					109.0	131.4	126.0	131.3	138.9	148.7	141.1
Malt liquors.....					102.2	118.0	125.3	126.9	125.9	129.3	127.3
Paper and pulp.....	74.0	86.9	87.5	92.6	105.3	87.6	99.1	109.7	114.2	114.1	117.1
Primary smelting and refining of copper, lead, and zinc.....	89.5	88.5	76.2	87.6	103.7	89.5	96.9	106.7	99.7	100.7	102.4
Rayon and other synthetic fibers.....	30.4	60.7	67.8	79.4	113.4	170.2	239.9	286.1	302.5	297.8	287.8
Tobacco products.....	63.7	73.7	86.7	90.5	100.6	115.7	131.2	137.1	140.7	144.5	143.4

<sup>1</sup> For 1929 and 1933, covers almost all industries; for 1935 to 1950, represents 6 principal industries (bituminous coal; anthracite; crude petroleum, natural gas, and natural gasoline; iron; copper; and lead and zinc).

<sup>2</sup> Refers to Class I steam line-haul railroads. <sup>3</sup> Refers to privately owned utilities.

<sup>4</sup> Refers to Class A telephone carriers.

<sup>5</sup> For principal wire-telegraph and ocean-cable carriers. As satisfactory data on average weekly hours are not available before 1943, an index of output per man-hour is not presented.

Source: Department of Labor, Bureau of Labor Statistics.

## No. 246.—GROSS AND NET SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES, IN CURRENT AND 1947-49 DOLLARS: 1940 TO 1954

[Net spendable average weekly earnings represent average gross earnings of production workers in manufacturing industries less social security and income taxes for which specified worker is liable. These net spendable average weekly earnings are then divided by the BLS consumers' price index adjusted to an average 1947-49 base, to obtain net spendable weekly earnings in 1947-49 dollars]

PERIOD	GROSS AVERAGE WEEKLY EARNINGS		NET SPENDABLE AVERAGE WEEKLY EARNINGS			
			Worker with no dependents		Worker with 3 dependents	
	Amount	Index (1947-49 = 100)	Current dollars	1947-49 dollars	Current dollars	1947-49 dollars
1940.....	\$25.20	47.6	\$24.69	\$41.22	\$24.95	\$41.65
1941.....	29.58	55.9	28.05	44.59	29.28	46.55
1942.....	36.65	69.2	31.77	45.58	36.28	52.05
1943.....	43.14	81.5	36.01	48.66	41.39	55.93
1944.....	46.08	87.0	38.29	50.92	44.06	58.59
1945.....	44.39	83.8	36.97	48.08	42.74	55.58
1946.....	43.82	82.8	37.72	45.23	43.20	51.80
1947.....	49.97	94.4	42.76	44.77	48.24	50.51
1948.....	54.14	102.2	47.43	46.14	53.17	51.72
1949.....	54.92	103.7	48.09	47.24	53.83	52.88
1950.....	59.33	112.0	51.09	49.70	57.21	55.65
1951.....	64.71	122.2	54.04	48.68	61.28	55.21
1952.....	67.97	128.4	55.66	49.04	63.62	56.05
1953.....	71.69	135.4	58.54	51.17	66.58	58.20
1954.....	71.86	135.7	59.55	51.87	66.78	58.17

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*, *Handbook of Labor Statistics*, 1950 edition, and *Employment and Earnings*.

### No. 247.—HOURS AND EARNINGS, GROSS AND EXCLUDING OVERTIME, OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES: 1943 TO 1954

[Overtime is defined as work in excess of 40 hours per week and paid for at time and one-half. Computation of average hourly earnings exclusive of overtime makes no allowance for special rates of pay for work done on holidays. See also *Historical Statistics*, series D 117-119]

PERIOD	Average weekly earnings	Average weekly hours	AVERAGE HOURLY EARNINGS			PERIOD	Average weekly earnings	Average weekly hours	AVERAGE HOURLY EARNINGS		
			Gross amount	Excluding overtime					Gross amount	Excluding overtime	
				Amount	Index 1947-49 =100					Amount	Index 1947-49=100
1943-----	\$43.14	44.9	\$0.961	\$0.894	69.4	1954					
1944-----	46.08	45.2	1.019	.947	73.5	January-----	\$70.92	39.4	\$1.80	\$1.76	136.6
1945-----	44.39	43.4	1.023	1.963	174.8	February-----	71.28	39.6	1.80	1.75	135.9
1946-----	43.82	40.4	1.086	1.051	81.6	March-----	70.71	39.5	1.79	1.75	135.9
1947-----	49.97	40.4	1.237	1.198	93.0	April-----	70.20	39.0	1.80	1.75	135.9
1948-----	54.14	40.1	1.350	1.310	101.7	May-----	71.13	39.3	1.81	1.76	136.6
1949-----	54.92	39.2	1.401	1.367	106.1	June-----	71.50	39.5	1.81	1.76	136.6
1950-----	59.33	40.5	1.465	1.415	109.9	July-----	70.92	39.4	1.80	1.76	136.6
1951-----	64.71	40.7	1.59	1.53	118.8	August-----	71.06	39.7	1.79	1.74	135.1
1952-----	67.97	40.7	1.67	1.61	125.0	September-----	71.86	39.7	1.81	1.76	136.6
1953-----	71.69	40.5	1.77	1.71	132.8	October-----	72.22	39.9	1.81	1.76	136.6
1954-----	71.86	39.7	1.81	1.76	136.6	November-----	73.57	40.2	1.83	1.77	137.4
						December-----	74.12	40.5	1.83	1.77	137.4

<sup>1</sup> Eleven-month average; August 1945 excluded because of VJ holiday period.

Source: Department of Labor, Bureau of Labor Statistics; published in *Monthly Labor Review* and in *Employment and Earnings*.

### No. 248.—HOURLY AND WEEKLY EARNINGS (INCLUDING OVERTIME) IN CONSTANT AND CURRENT PRICES FOR SELECTED INDUSTRIES: 1939 TO 1954

[Data are for production workers in manufacturing, construction workers in building construction, and non-supervisory employees in retail trade. Figures for 1954 are straight arithmetic averages of monthly figures and not strictly comparable with averages for earlier years which have been weighted by data on man-hours]

YEAR AND TYPE OF EARNINGS	MANUFACTURING						BUILDING CONSTRUCTION <sup>1</sup>		RETAIL TRADE	
	Total		Durable		Nondurable		Current prices	1954 prices <sup>2</sup>	Current prices	1954 prices <sup>2</sup>
	Current prices	1954 prices <sup>2</sup>	Current prices	1954 prices <sup>2</sup>	Current prices	1954 prices <sup>2</sup>				
1939: Hourly-----	\$0.633	\$1.224	\$0.698	\$1.350	\$0.582	\$1.126	\$0.932	\$1.803	\$0.542	\$1.048
Weekly-----	23.86	46.15	26.50	51.26	21.78	42.13	30.39	58.78	23.14	44.76
1942: Hourly-----	.853	1.405	.947	1.560	.723	1.191	1.148	1.891	.626	1.031
Weekly-----	36.65	60.38	42.73	70.40	29.13	47.99	41.80	68.86	25.73	42.39
1943: Hourly-----	.961	1.490	1.059	1.642	.803	1.245	1.252	1.941	.679	1.053
Weekly-----	43.14	66.88	49.30	76.43	34.12	52.90	48.13	74.62	27.36	42.42
1944: Hourly-----	1.019	1.556	1.117	1.705	.861	1.315	1.319	2.014	.731	1.116
Weekly-----	46.08	70.35	52.07	79.50	37.12	56.67	52.18	79.66	29.53	45.08
1945: Hourly-----	1.023	1.527	1.111	1.658	.904	1.349	1.379	2.058	.783	1.169
Weekly-----	44.39	66.25	49.05	73.21	38.29	57.15	53.73	80.19	31.55	47.09
1946: Hourly-----	1.086	1.496	1.156	1.592	1.015	1.398	1.478	2.036	.893	1.230
Weekly-----	43.82	60.36	46.49	64.04	41.14	56.67	56.24	77.47	36.35	50.07
1947: Hourly-----	1.237	1.487	1.292	1.553	1.171	1.407	1.681	2.020	1.009	1.213
Weekly-----	49.97	60.06	52.46	63.05	46.96	56.44	63.30	76.08	40.66	48.87
1948: Hourly-----	1.350	1.508	1.410	1.575	1.278	1.428	1.848	2.065	1.088	1.216
Weekly-----	54.14	60.49	57.11	63.81	50.61	56.55	68.85	76.93	43.85	48.99
1949: Hourly-----	1.401	1.579	1.469	1.656	1.325	1.494	1.935	2.182	1.137	1.282
Weekly-----	54.92	61.92	58.03	65.42	51.41	57.96	70.95	79.99	45.93	51.78
1950: Hourly-----	1.465	1.637	1.537	1.717	1.378	1.540	2.031	2.269	1.176	1.314
Weekly-----	59.33	66.29	63.32	70.75	54.71	61.13	73.73	82.38	47.63	53.22
1951: Hourly-----	1.59	1.64	1.67	1.73	1.48	1.53	2.19	2.26	1.26	1.30
Weekly-----	64.71	66.92	69.47	71.84	58.46	60.46	81.47	84.25	50.65	52.38
1952: Hourly-----	1.67	1.69	1.77	1.79	1.54	1.56	2.31	2.34	1.32	1.33
Weekly-----	67.97	68.73	73.46	74.28	60.98	61.66	88.01	88.99	52.67	53.26
1953: Hourly-----	1.77	1.78	1.87	1.88	1.61	1.61	2.48	2.49	1.40	1.40
Weekly-----	71.69	71.91	77.23	77.46	63.60	63.79	91.76	92.04	55.02	55.19
1954: Hourly <sup>3</sup> -----	1.81	1.81	1.92	1.92	1.66	1.66	2.60	2.60	1.45	1.45
Weekly <sup>3</sup> -----	71.64	71.64	77.01	77.01	64.58	64.58	94.26	94.26	56.86	56.86

<sup>1</sup> Beginning 1948, data not strictly comparable with previous years.

<sup>2</sup> Earnings in current prices divided by consumer price index on base 1954=100.

<sup>3</sup> Preliminary estimates.

Source: Executive Office of the President, Council of Economic Advisers; *Economic Indicators*. Based on Department of Labor data.



**No. 249.—HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES, BY INDUSTRY: 1950, 1953, AND 1954**

[Data are based upon reports from cooperating establishments covering both full- and part-time employees who worked during, or received pay for, any part of the pay period ending nearest the 15th of the month. For mining, manufacturing, laundries, and cleaning and dyeing plants, data refer to production and related workers only. For contract construction industries, data relate to employees engaged in actual construction work. For other industries, data relate to nonsupervisory employees and working supervisors]

INDUSTRY GROUP AND INDUSTRY	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1950	1953	1954	1950	1953	1954	1950	1953	1954
<b>Mining:</b>									
Metal mining.....	\$65.58	\$88.54	\$84.46	42.2	43.4	40.8	\$1.554	\$2.04	\$2.07
Anthracite.....	63.24	72.91	75.60	32.1	29.4	30.0	1.970	2.48	2.52
Bituminous-coal.....	70.35	85.31	80.85	35.0	34.4	32.6	2.010	2.48	2.48
Petroleum and natural-gas production (except contract services).....	73.69	90.39	91.94	40.6	40.9	40.5	1.815	2.21	2.27
Nonmetallic mining and quarrying.....	59.88	75.99	77.44	44.0	44.7	44.0	1.361	1.70	1.76
<b>Contract construction</b> .....	73.73	91.61	93.98	37.2	37.7	37.0	1.982	2.43	2.54
Nonbuilding construction.....	73.46	90.27	92.86	40.9	40.3	40.2	1.796	2.24	2.31
Building construction.....	73.73	91.76	94.12	36.3	37.0	36.2	2.031	2.48	2.60
<b>Manufacturing</b> .....	59.33	71.69	71.86	40.5	40.5	39.7	1.465	1.77	1.81
Durable goods.....	63.32	77.23	77.18	41.2	41.3	40.2	1.537	1.87	1.92
Non durable goods.....	54.71	63.60	64.74	39.7	39.5	39.0	1.378	1.61	1.66
Ordinance and accessories.....	64.79	77.90	79.60	41.8	41.0	40.2	1.550	1.90	1.98
Food and kindred products.....	55.29	66.33	68.47	41.6	41.2	41.0	1.329	1.61	1.67
Meat products.....	60.07	74.57	76.86	41.6	41.2	41.1	1.444	1.81	1.87
Dairy products.....	56.11	68.05	70.04	44.5	43.9	43.5	1.261	1.55	1.61
Canning and preserving.....	46.81	53.18	54.57	39.3	39.1	38.7	1.191	1.36	1.41
Grain-mill products.....	58.03	71.44	74.42	43.5	44.1	44.3	1.334	1.62	1.68
Bakery products <sup>1</sup> .....	53.54	64.84	67.89	41.5	41.3	40.9	1.290	1.57	1.66
Sugar.....	58.81	71.18	73.01	43.4	43.4	43.2	1.355	1.64	1.69
Confectionery and related products.....	46.72	53.45	55.81	39.9	39.3	39.3	1.171	1.36	1.42
Beverages.....	62.91	76.04	78.59	41.5	41.1	40.3	1.516	1.85	1.95
Miscellaneous food products <sup>1</sup> .....	54.99	63.12	66.36	42.2	41.8	42.0	1.303	1.51	1.58
<b>Tobacco manufactures</b> .....	40.77	47.37	49.01	38.1	38.2	37.7	1.070	1.24	1.30
Cigarettes.....	50.19	58.59	63.27	39.0	38.8	39.3	1.287	1.51	1.61
Cigars.....	35.76	42.71	42.32	36.9	37.8	36.8	.969	1.13	1.15
Tobacco and snuff.....	42.79	50.90	52.73	37.7	37.7	37.4	1.135	1.35	1.41
Tobacco stemming and redrying.....	37.59	39.73	39.43	39.4	38.2	37.2	.954	1.04	1.06
<b>Textile-mill products</b> .....	48.95	53.57	52.09	39.6	39.1	38.3	1.236	1.37	1.36
Scouring and combing plants.....	62.01	60.53	60.53	39.0	38.8	38.8	1.59	1.59	1.56
Yarn and thread mills.....	45.01	48.39	46.00	38.9	38.1	36.8	1.157	1.27	1.25
Broad-woven fabric mills.....	49.28	52.80	50.69	40.1	39.4	38.4	1.229	1.34	1.32
Narrow fabrics and smallwares.....	54.53	54.37	54.37	39.8	39.8	39.4	1.37	1.37	1.38
Knitting mills.....	44.13	48.75	48.60	37.4	37.5	37.1	1.180	1.30	1.31
Dyeing and finishing textiles.....	53.87	61.65	61.61	40.9	41.1	40.8	1.317	1.50	1.51
Carpets, rugs, other floor coverings.....	62.33	70.58	69.95	41.5	40.8	40.2	1.502	1.73	1.74
Hats (except cloth and millinery).....	56.10	54.66	54.66	37.4	36.2	36.2	1.50	1.51	1.51
Miscellaneous textile goods.....	62.42	62.66	62.66	40.8	40.1	40.1	1.53	1.53	1.56
<b>Apparel and other finished textile products<sup>1</sup></b> .....	43.68	48.41	48.06	36.4	36.4	35.6	1.200	1.33	1.35
Men's and boys' suits and coats.....	50.22	57.93	56.05	36.9	36.9	34.6	1.361	1.57	1.62
Men's and boys' furnishings and work clothing.....	36.43	41.18	40.81	36.8	37.1	35.8	.990	1.11	1.14
Women's outerwear.....	49.41	52.65	52.05	34.7	35.1	34.7	1.424	1.50	1.50
Women's, children's under garments.....	38.38	44.28	44.04	36.9	36.9	36.1	1.040	1.20	1.22
Millinery.....	54.21	58.48	58.16	35.2	36.1	35.9	1.540	1.62	1.62
Children's outerwear.....	38.98	44.53	45.14	36.5	36.5	36.7	1.068	1.22	1.23
Miscellaneous apparel and accessories.....	44.52	43.68	43.68	37.1	37.1	36.1	1.20	1.20	1.21
Other fabricated textile products.....	42.06	47.75	47.99	38.2	37.6	37.2	1.101	1.27	1.29
<b>Lumber and wood products (exc. furniture)</b> .....	55.31	65.93	66.18	41.0	40.7	40.6	1.349	1.62	1.63
Logging camps and contractors.....	66.25	79.00	73.72	38.9	39.5	38.0	1.703	2.00	1.94
Sawmills and planing mills.....	54.95	65.37	66.83	40.7	40.6	41.0	1.350	1.61	1.63
Millwork, plywood, and prefabricated structural wood products.....	60.52	68.89	70.97	43.2	41.5	41.5	1.401	1.66	1.71
Wooden containers.....	46.03	51.25	50.00	40.7	41.0	40.0	1.311	1.25	1.25
Miscellaneous wood products.....	47.07	55.46	54.95	41.4	41.7	40.7	1.137	1.33	1.35
<b>Furniture and fixtures</b> .....	53.67	63.14	62.96	41.9	41.0	40.1	1.281	1.54	1.57
Household furniture.....	51.91	60.38	60.25	41.9	40.8	39.9	1.239	1.48	1.51
Office, public-building, and professional furniture.....	71.06	71.10	71.10	41.8	41.1	41.1	1.70	1.70	1.73
Partitions, shelving, lockers, and fixtures.....	73.85	75.01	75.01	40.8	39.9	39.9	1.81	1.81	1.88
Screens, blinds, and miscellaneous furniture and fixtures.....	62.31	64.43	64.43	42.1	41.3	41.3	1.48	1.48	1.56
<b>Paper and allied products</b> .....	61.14	72.67	74.03	43.3	43.0	42.3	1.412	1.69	1.75
Pulp, paper, and paperboard mills.....	65.06	78.76	80.04	43.9	44.0	43.5	1.482	1.79	1.84
Paperboard containers and boxes <sup>1</sup> .....	57.96	67.68	68.97	43.0	42.3	41.3	1.348	1.60	1.67
Other paper and allied products.....	55.48	65.31	66.67	42.0	41.6	40.9	1.321	1.57	1.63

<sup>1</sup> 1950 data not strictly comparable with those shown for later years.

No. 249.—HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES, BY INDUSTRY: 1950, 1953, and 1954—Continued

INDUSTRY GROUP AND INDUSTRY	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1950	1953	1954	1950	1953	1954	1950	1953	1954
<b>Manufacturing—Con.</b>									
Printing, publishing, and allied industries.....	\$73.99	\$85.58	\$87.17	38.8	38.9	38.4	\$1.907	\$2.20	\$2.27
Newspapers.....	80.00	91.22	92.98	36.9	36.2	35.9	2.168	2.52	2.59
Periodicals.....	74.18	86.98	88.70	39.5	39.9	39.6	1.878	2.18	2.24
Books.....	64.08	73.84	76.24	39.1	39.7	39.3	1.639	1.86	1.94
Commercial printing.....	72.34	84.42	85.72	39.9	40.2	39.5	1.813	2.10	2.17
Lithographing.....	73.04	85.26	87.20	40.0	40.6	40.0	1.826	2.10	2.18
Greeting cards.....	—	48.50	53.06	—	37.6	37.9	—	1.29	1.40
Bookbinding and related industries.....	—	66.30	67.82	—	39.7	39.2	—	1.67	1.73
Miscellaneous publishing and printing services.....	—	104.15	104.91	—	39.6	39.0	—	2.63	2.69
Chemicals and allied products.....	62.67	75.58	78.50	41.5	41.3	41.1	1.510	1.83	1.91
Industrial inorganic chemicals.....	67.89	82.81	86.09	40.9	41.2	40.8	1.660	2.01	2.11
Industrial organic chemicals.....	65.69	80.18	83.23	40.6	40.7	40.6	1.618	1.97	2.05
Drugs and medicines <sup>1</sup> .....	59.59	68.71	72.16	40.9	40.9	41.0	1.457	1.68	1.76
Soap, cleaning and polishing preparations.....	—	78.47	81.79	—	41.3	41.1	—	1.90	1.99
Paints, pigments, and fillers.....	64.80	76.08	77.87	42.3	41.8	41.2	1.532	1.82	1.89
Gum and wood chemicals.....	—	64.22	67.52	—	41.7	42.2	—	1.54	1.60
Fertilizers.....	47.00	59.36	61.48	41.3	42.4	42.4	1.138	1.40	1.45
Vegetable and animal oils and fats.....	53.46	64.89	68.24	45.5	45.7	45.8	1.175	1.42	1.49
Miscellaneous chemicals.....	—	69.94	71.51	—	40.9	40.4	—	1.71	1.77
Products of petroleum and coal.....	75.01	90.17	92.62	40.9	40.8	40.8	1.834	2.21	2.27
Petroleum refining.....	77.93	94.19	96.22	40.4	40.6	40.6	1.929	2.32	2.37
Coke and other petroleum and coal products.....	—	78.81	80.73	—	41.7	41.4	—	1.89	1.95
Rubber products.....	64.42	77.78	78.21	40.9	40.3	39.7	1.575	1.93	1.97
Tires and inner tubes.....	72.48	88.31	87.85	39.8	39.6	38.7	1.821	2.23	2.27
Rubber footwear.....	52.21	65.60	67.43	40.1	40.0	39.9	1.302	1.64	1.69
Other rubber products.....	59.76	70.93	71.91	42.2	41.0	40.4	1.416	1.73	1.78
Leather and leather products.....	44.56	51.65	50.92	37.6	37.7	36.9	1.185	1.37	1.38
Leather: tanned, curried, and finished.....	57.21	68.23	69.17	39.7	39.9	39.3	1.441	1.71	1.76
Industrial leather belting and packing.....	—	67.97	66.30	—	41.7	39.7	—	1.63	1.67
Boot and shoe cut stock and findings.....	—	50.16	49.71	—	38.0	37.1	—	1.32	1.34
Footwear (except rubber).....	41.99	49.10	48.15	36.9	37.2	36.2	1.138	1.32	1.33
Luggage.....	—	57.09	56.93	—	39.1	37.7	—	1.46	1.51
Handbags and small leather goods.....	—	46.99	48.00	—	38.2	38.4	—	1.23	1.25
Gloves and miscellaneous leather goods.....	—	44.04	44.64	—	36.4	36.0	—	1.21	1.24
Stone, clay, and glass products.....	59.20	70.35	71.86	41.2	40.9	40.6	1.437	1.72	1.77
Flat glass.....	—	97.34	100.61	—	40.9	40.9	—	2.38	2.46
Glass and glassware, pressed or blown.....	—	67.89	70.77	—	39.7	39.1	—	1.71	1.81
Glass products made of purchased glass.....	—	60.01	60.75	—	41.1	40.5	—	1.46	1.50
Cement, hydraulic.....	60.13	73.39	75.71	41.7	41.7	41.6	1.442	1.76	1.82
Structural clay products <sup>1</sup> .....	54.19	64.06	66.26	40.5	40.8	40.9	1.338	1.57	1.62
Pottery and related products.....	52.16	62.04	61.69	37.5	37.6	36.5	1.391	1.65	1.69
Concrete, gypsum, and plaster products.....	62.64	72.87	73.92	45.0	43.9	44.0	1.392	1.66	1.68
Cut-stone and stone products.....	—	63.91	64.53	—	41.5	41.1	—	1.54	1.57
Miscellaneous nonmetallic mineral products.....	—	74.07	73.66	—	40.7	39.6	—	1.82	1.86
Primary metal industries.....	67.24	84.25	80.88	40.8	40.9	38.7	1.648	2.06	2.09
Blast furnaces, steel works, and rolling mills.....	67.47	87.48	83.38	39.9	40.5	37.9	1.691	2.16	2.20
Iron and steel foundries.....	65.32	76.33	74.30	41.9	40.6	38.9	1.559	1.88	1.91
Primary smelting and refining of nonferrous metals.....	63.71	80.93	80.00	41.0	41.5	40.2	1.554	1.95	1.99
Secondary smelting and refining of nonferrous metals.....	—	73.63	74.80	—	41.6	41.1	—	1.77	1.82
Rolling, drawing, and alloying of nonferrous metals.....	66.75	82.29	80.80	41.9	42.2	40.4	1.593	1.95	2.00
Nonferrous foundries.....	67.65	80.97	80.60	41.5	41.1	39.9	1.630	1.97	2.02
Miscellaneous primary metal industries.....	—	87.57	84.74	—	41.5	39.6	—	2.11	2.14
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	63.42	77.15	77.33	41.4	41.7	40.7	1.532	1.85	1.90
Tin cans and other tinware.....	60.90	75.71	80.95	41.6	41.6	41.3	1.464	1.82	1.96
Cutlery, hand tools, and hardware.....	61.01	74.05	74.15	41.5	41.6	40.3	1.470	1.78	1.84
Heating apparatus (except electric) and plumber's supplies.....	63.91	73.57	74.24	41.1	40.2	39.7	1.555	1.83	1.87
Fabricated structural metal products.....	63.29	80.75	79.52	41.1	42.5	41.2	1.540	1.90	1.93
Metal stamping, coating, and engraving.....	64.22	78.81	80.57	41.3	41.7	40.9	1.555	1.89	1.97
Lighting fixtures.....	—	72.50	73.38	—	40.5	40.1	—	1.79	1.83
Fabricated wire products.....	—	72.62	73.53	—	40.8	40.4	—	1.78	1.82
Miscellaneous fabricated metal products.....	—	78.51	75.70	—	42.9	40.7	—	1.83	1.86

<sup>1</sup> 1950 data not strictly comparable with those shown for later years.



No. 249.—HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES, BY INDUSTRY: 1950, 1953, and 1954—Continued

INDUSTRY GROUP AND INDUSTRY	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1950	1953	1954	1950	1953	1954	1950	1953	1954
<b>Manufacturing—Con.</b>									
Machinery (except electrical).....	\$67.21	\$82.91	\$81.61	41.8	42.3	40.6	\$1.608	\$1.96	\$2.01
Engines and turbines.....	69.43	85.28	86.05	40.7	41.2	40.4	1.706	2.07	2.13
Agricultural machinery and tractors.....	64.60	77.21	78.21	40.1	39.8	39.5	1.611	1.94	1.98
Construction and mining machinery.....	65.97	79.42	79.17	42.4	41.8	40.6	1.556	1.90	1.95
Metalworking machinery.....	71.54	96.64	92.87	43.2	45.8	42.6	1.656	2.11	2.18
Special-industry machinery (except metalworking machinery).....	65.74	81.32	79.54	41.9	42.8	41.0	1.569	1.90	1.94
General industrial machinery.....	66.33	83.42	80.19	41.9	43.0	40.5	1.583	1.94	1.98
Office and store machines and devices.....	66.95	77.38	79.20	41.1	40.3	39.8	1.629	1.92	1.99
Service-industry and household machines.....	67.26	79.15	77.82	41.7	40.8	39.5	1.613	1.94	1.97
Miscellaneous machinery parts.....	66.15	78.85	78.00	42.0	41.5	40.0	1.575	1.90	1.95
Electrical machinery.....	60.21	71.81	72.44	41.1	40.8	39.8	1.465	1.76	1.82
Electrical generating, transmission, distribution, and industrial apparatus.....	63.75	77.83	77.59	41.1	41.4	40.2	1.551	1.88	1.93
Electrical appliances.....	-----	76.92	75.84	-----	40.7	39.5	-----	1.89	1.92
Insulated wire and cable.....	-----	72.24	70.47	-----	42.0	40.5	-----	1.72	1.74
Electrical equipment for vehicles.....	66.22	76.70	75.84	41.7	40.8	39.5	1.588	1.88	1.92
Electric lamps.....	-----	65.21	64.91	-----	40.5	39.1	-----	1.61	1.66
Communication equipment.....	55.49	66.66	68.68	41.1	40.4	39.7	1.350	1.65	1.73
Miscellaneous electrical products.....	-----	67.94	68.95	-----	40.2	39.4	-----	1.69	1.75
Transportation equipment.....	71.18	85.28	86.67	41.0	41.2	40.5	1.736	2.07	2.14
Automobiles.....	73.25	87.95	89.32	41.2	41.1	40.6	1.778	2.14	2.20
Aircraft and parts.....	68.39	83.80	85.07	41.6	41.9	40.9	1.644	2.00	2.08
Ship and boat building and repairing.....	63.28	79.37	80.70	38.4	39.1	38.8	1.648	2.03	2.08
Railroad equipment.....	66.33	80.39	82.26	39.6	39.6	38.8	1.675	2.03	2.12
Other transportation equipment.....	64.44	73.49	72.31	41.9	40.6	39.3	1.538	1.81	1.84
Instruments and related products.....	60.81	73.69	73.20	41.2	41.4	40.0	1.476	1.78	1.83
Laboratory, scientific, and engineering instruments.....	-----	89.25	83.20	-----	42.5	40.0	-----	2.10	2.08
Mechanical measuring and controlling instruments.....	-----	74.16	74.59	-----	41.2	40.1	-----	1.80	1.86
Optical instruments and lenses.....	-----	79.00	75.17	-----	42.7	40.2	-----	1.85	1.87
Surgical, medical, and dental instruments.....	-----	66.74	66.80	-----	41.2	40.0	-----	1.62	1.67
Ophthalmic goods.....	50.88	58.69	58.80	40.7	40.2	39.2	1.250	1.46	1.50
Photographic apparatus.....	65.59	77.49	80.39	41.2	41.0	40.6	1.592	1.89	1.98
Watches and clocks.....	53.25	66.98	64.35	39.8	41.6	39.0	1.338	1.61	1.65
Miscellaneous manufacturing industries.....	54.04	64.06	64.24	41.0	40.8	39.9	1.318	1.57	1.61
Jewelry, silverware, and plated ware.....	58.42	68.85	68.15	42.8	42.5	41.3	1.365	1.62	1.65
Musical instruments and parts.....	-----	71.81	72.14	-----	40.8	40.3	-----	1.76	1.79
Toys and sporting goods.....	50.98	60.70	58.74	40.4	40.2	38.9	1.262	1.51	1.51
Pens, pencils, and other office supplies.....	-----	58.98	60.90	-----	40.4	40.6	-----	1.46	1.50
Costume jewelry, buttons, notions.....	49.52	59.09	57.09	40.0	40.2	39.1	1.238	1.47	1.46
Fabricated plastic products.....	-----	67.97	67.87	-----	41.7	40.4	-----	1.63	1.68
Other manufacturing industries.....	-----	64.80	66.47	-----	40.5	39.8	-----	1.60	1.67
<b>Transportation and public utilities:</b>									
Class I railroads.....	64.14	76.33	78.74	40.8	40.6	40.8	1.572	1.88	1.93
Local railway and bus lines <sup>2</sup> .....	67.69	77.12	78.19	45.4	45.1	43.2	1.491	1.71	1.81
Telephone.....	54.38	65.02	68.46	38.9	38.7	38.9	1.398	1.68	1.76
Telegraph <sup>1</sup> .....	64.14	74.23	76.13	44.7	41.7	41.6	1.435	1.78	1.83
Gas and electric utilities.....	66.60	80.51	83.01	41.6	41.5	41.3	1.601	1.94	2.01
<b>Trade:</b>									
Wholesale trade.....	60.36	71.69	73.93	40.7	40.5	40.4	1.483	1.77	1.83
Retail trade (except eating and drinking places).....	47.63	54.88	56.84	40.5	39.2	39.2	1.176	1.40	1.45
General merchandise stores.....	35.95	38.96	40.71	36.8	35.1	35.4	.977	1.11	1.15
Food and liquor stores.....	51.79	58.89	60.83	40.4	39.0	38.5	1.282	1.51	1.58
Automotive and accessories dealers.....	61.65	73.92	74.42	45.7	44.8	44.3	1.349	1.65	1.68
Apparel and accessories stores.....	40.70	44.96	46.51	36.5	35.4	35.5	1.115	1.27	1.31
Other retail trade:									
Furniture and appliance stores.....	56.12	62.31	63.72	43.5	42.1	42.2	1.290	1.48	1.51
Lumber and hardware supply stores.....	54.62	64.65	67.24	43.8	43.1	43.1	1.247	1.50	1.56
<b>Finance, insurance, and real estate:</b>									
Banks and trust companies.....	46.44	54.84	57.39	-----	-----	-----	-----	-----	-----
Security dealers and exchanges.....	81.48	82.94	95.02	-----	-----	-----	-----	-----	-----
Insurance carriers.....	58.49	67.29	70.08	-----	-----	-----	-----	-----	-----
<b>Service and miscellaneous:</b>									
Hotels, year-round <sup>3</sup> .....	33.85	38.40	40.13	43.9	42.2	41.8	.771	.91	.96
Laundries.....	35.47	39.69	40.10	41.2	40.5	40.1	.861	.98	1.00
Cleaning and dyeing plants.....	41.69	45.71	47.12	41.2	40.1	39.6	1.012	1.14	1.19
Motion picture production and distribution.....	92.79	90.05	98.23	-----	-----	-----	-----	-----	-----

<sup>1</sup> 1950 data not strictly comparable with those shown for later years.

<sup>2</sup> Beginning 1953, data include only privately operated establishments.

<sup>3</sup> Money payments only; additional value of board, room, uniforms, and tips excluded.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in *Monthly Labor Review* and in *Employment and Earnings*.

No. 250.—HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES, BY STATES: 1950 TO 1954

DIVISION AND STATE	AVERAGE WEEKLY EARNINGS				AVERAGE WEEKLY HOURS				AVERAGE HOURLY EARNINGS			
	1950	1952	1953	1954	1950	1952	1953	1954	1950	1952	1953	1954
<b>United States</b> .....	\$59.33	\$67.97	\$71.69	\$71.86	40.5	40.7	40.5	39.7	\$1.47	\$1.67	\$1.77	\$1.81
<b>New England:</b>												
Maine.....	48.93	55.17	56.88	56.52	41.1	40.8	40.6	39.9	1.19	1.35	1.40	1.42
New Hampshire.....	48.64	56.17	57.37	57.46	40.2	40.7	40.4	39.9	1.21	1.38	1.42	1.44
Vermont.....	50.77	59.35	62.49	59.83	41.9	42.7	42.8	40.7	1.21	1.39	1.46	1.47
Massachusetts.....	55.98	63.43	66.60	65.55	40.6	40.4	40.4	39.4	1.38	1.57	1.65	1.67
Rhode Island.....	51.72	59.62	60.50	60.44	40.4	40.2	39.8	39.5	1.28	1.48	1.52	1.53
Connecticut.....	59.69	70.28	74.87	72.76	41.6	42.0	42.3	40.2	1.43	1.67	1.77	1.81
<b>Middle Atlantic:</b>												
New York.....	59.55	67.77	71.12	71.50	39.3	39.8	39.7	38.8	1.52	1.70	1.79	1.84
New Jersey.....	61.65	71.02	74.32	74.43	40.8	41.1	40.9	39.8	1.51	1.73	1.82	1.87
Pennsylvania.....	57.01	66.54	71.38	70.10	39.7	40.2	39.9	38.4	1.43	1.66	1.79	1.82
<b>East North Central:</b>												
Ohio.....	75.14	79.86	78.88	78.88	41.1	41.0	41.0	39.6	1.83	1.95	1.99	1.99
Indiana.....	64.86	72.64	76.96	76.27	41.3	40.8	40.6	39.6	1.57	1.78	1.89	1.93
Illinois.....	62.69	72.18	76.39	76.34	40.9	41.2	41.1	40.0	1.53	1.75	1.86	1.91
Michigan.....	71.30	81.34	86.65	87.84	41.5	41.0	41.5	40.8	1.72	1.98	2.09	2.15
Wisconsin.....	61.71	71.77	74.73	74.79	41.9	42.2	41.9	40.8	1.47	1.70	1.78	1.83
<b>West North Central:</b>												
Minnesota.....	59.06	69.35	72.56	74.03	41.1	41.7	41.2	40.6	1.44	1.66	1.76	1.82
Iowa.....	58.16	67.08	69.08	71.01	41.5	41.5	40.8	40.4	1.40	1.62	1.69	1.76
Missouri.....	54.99	64.21	67.56	67.63	39.9	40.5	39.9	39.0	1.38	1.58	1.69	1.73
North Dakota.....	54.47	64.04	65.26	67.55	44.2	45.1	44.2	44.3	1.23	1.42	1.48	1.52
South Dakota.....	54.88	62.76	63.95	67.39	43.0	44.2	43.5	43.8	1.28	1.42	1.47	1.54
Nebraska.....	53.23	61.16	65.40	67.70	42.2	41.9	41.7	41.7	1.26	1.46	1.57	1.62
Kansas.....	59.18	71.42	74.18	78.48	41.5	42.6	41.3	41.8	1.43	1.68	1.79	1.88
<b>South Atlantic:</b>												
Delaware.....	58.30	66.46	69.89	70.90	41.0	41.0	40.8	39.9	1.42	1.62	1.71	1.78
Maryland.....	55.46	63.84	67.35	68.58	40.8	40.5	40.7	39.8	1.36	1.58	1.66	1.72
Virginia.....	47.55	53.47	55.58	56.66	40.3	40.2	39.7	39.9	1.18	1.33	1.40	1.42
West Virginia.....	65.82	70.84	70.64	70.64	39.7	39.7	39.7	38.6	1.66	1.78	1.83	1.83
North Carolina.....	43.34	47.52	48.34	47.88	39.4	39.6	39.3	38.3	1.10	1.20	1.23	1.25
South Carolina.....	44.51	47.88	49.60	49.64	40.1	39.9	40.0	39.4	1.11	1.20	1.24	1.26
Georgia.....	43.52	47.88	50.27	49.66	40.3	39.9	39.9	39.1	1.08	1.20	1.26	1.27
Florida.....	46.20	53.59	55.36	56.44	42.3	42.7	42.2	41.5	1.09	1.26	1.31	1.36
<b>East South Central:</b>												
Kentucky.....	62.73	68.00	66.17	66.17	42.1	41.9	41.9	39.8	1.49	1.62	1.66	1.66
Tennessee.....	47.84	54.67	56.84	57.71	40.2	40.8	40.6	39.8	1.19	1.34	1.40	1.45
Alabama.....	47.32	52.53	55.32	55.91	40.1	40.1	39.8	39.1	1.18	1.31	1.39	1.43
Mississippi.....	39.68	45.45	46.63	48.14	41.0	41.7	40.9	40.8	.97	1.09	1.14	1.18
<b>West South Central:</b>												
Arkansas.....	42.33	47.20	49.49	51.00	41.5	41.4	40.9	40.8	1.02	1.14	1.21	1.25
Louisiana.....	50.63	59.22	63.80	65.25	40.5	42.0	41.7	41.3	1.25	1.41	1.53	1.58
Oklahoma.....	57.10	65.68	70.14	72.04	42.3	42.1	41.5	41.4	1.35	1.56	1.69	1.74
Texas.....	57.10	66.57	69.99	72.04	42.3	42.4	41.8	41.4	1.35	1.57	1.68	1.74
<b>Mountain:</b>												
Montana.....	64.58	76.46	79.76	79.20	40.1	41.0	41.4	39.9	1.61	1.86	1.93	1.99
Idaho.....	64.78	75.03	76.48	78.28	41.0	41.0	40.9	41.2	1.58	1.83	1.87	1.90
Wyoming.....	68.36	76.36	80.20	84.03	39.4	40.4	40.3	40.4	1.74	1.89	1.99	2.08
Colorado.....	67.16	71.34	72.94	72.94	41.2	41.0	40.3	40.3	1.63	1.74	1.81	1.81
New Mexico.....	58.23	71.88	74.16	78.91	42.2	43.3	41.2	41.1	1.38	1.66	1.80	1.92
Arizona.....	62.63	75.50	78.96	80.93	42.9	42.9	42.0	41.5	1.46	1.76	1.88	1.95
Utah.....	57.94	66.73	72.50	73.42	40.8	40.2	40.5	39.9	1.42	1.66	1.79	1.84
Nevada.....	72.16	80.90	86.74	86.43	42.7	41.7	41.7	40.2	1.69	1.94	2.08	2.15
<b>Pacific:</b>												
Washington.....	67.63	76.16	78.99	81.31	39.0	38.7	38.8	39.0	1.73	1.97	2.04	2.09
Oregon.....	70.00	79.56	82.04	83.81	39.1	38.9	38.7	38.8	1.79	2.05	2.12	2.16
California.....	65.39	75.85	78.82	81.05	39.7	40.6	40.1	39.9	1.65	1.87	1.97	2.03

<sup>1</sup> Not strictly comparable with data for later years.

Source: Department of Labor, Bureau of Labor Statistics; *Employment and Earnings*, annual supplement, May 1955.



**No. 251.—AVERAGE RATES PER HOUR FOR UNSKILLED LABOR EMPLOYED IN ROAD BUILDING ON FEDERAL-AID PROJECTS, BY GEOGRAPHIC DIVISIONS: 1929 TO 1954**

YEAR	United States <sup>1</sup>	New England	Middle Atlantic	South Atlantic	East South Central	West South Central	East North Central	West North Central	Mountain	Pacific
1929	\$0.39	\$0.51	\$0.43	\$0.27	\$0.26	\$0.31	\$0.40	\$0.38	\$0.46	\$0.53
1930	.39	.50	.42	.25	.25	.28	.38	.37	.47	.53
1932	.32	.35	.36	.19	.19	.26	.36	.32	.44	.48
1933	.38	.37	.37	.26	.24	.31	.42	.37	.51	.52
1935	.41	.45	.43	.31	.30	.36	.53	.47	.56	.57
1937	.40	.47	.48	.26	.28	.30	.58	.46	.53	.62
1938	.40	.45	.50	.27	.28	.37	.60	.46	.55	.66
1939	.42	.48	.52	.29	.29	.37	.60	.45	.56	.65
1940	.46	.51	.54	.30	.34	.38	.62	.47	.55	.69
1941	.48	.55	.57	.36	.36	.40	.65	.50	.59	.75
1942	.58	.66	.67	.47	.42	.44	.76	.61	.72	.96
1943	.71	.89	.93	.58	.56	.54	.93	.78	.86	1.06
1944	.74	.91	.93	.66	.62	.61	.97	.81	.92	1.11
1945	.78	.95	.98	.69	.70	.68	.99	.84	.84	1.19
1946	.83	1.04	1.00	.71	.67	.70	1.00	.84	1.00	1.21
1947	.91	1.11	1.13	.74	.69	.76	1.13	.93	1.11	1.32
1948	1.02	1.24	1.26	.83	.73	.81	1.25	1.07	1.23	1.51
1949	1.13	1.18	1.48	.95	.78	.84	1.39	1.12	1.37	1.66
1950	1.19	1.43	1.54	.93	.88	.89	1.52	1.14	1.38	1.73
1951	1.27	1.44	1.57	.95	.93	.95	1.61	1.26	1.48	1.78
1952	1.41	1.47	1.84	1.00	.98	1.03	1.76	1.37	1.68	1.97
1953	1.49	1.69	1.84	1.02	1.00	1.07	1.95	1.46	1.73	2.10
1954	1.58	1.60	2.08	1.09	1.07	1.04	1.99	1.56	1.88	2.15

<sup>1</sup> Changes in United States wage rates are affected by relative number of men employed in areas with higher or lower wage rates.

Source: Department of Commerce, Bureau of Public Roads; records.

**No. 252.—INDEXES OF UNION WAGE RATES AND WEEKLY HOURS IN SELECTED TRADES: 1945 TO 1954**

[1947-49 average=100, except for printing where 1948-49 average=100. Data for 1953 and 1954 were collected as of July 1 and cover 53 cities in printing and 52 in the other trades. In recent years, 77 cities were covered for July 1 data. From 1947 to 1952, however, data were collected as of October 1 for streetcar and bus operators; printing data for 1948 were collected as of January 2. Relative rates are percentages which indicate changes in minimum hourly wage scales. Relative hours are percentages showing changes in straight-time weekly hours, account not being taken of loss of time from slack work or other causes, nor of overtime work. Year-to-year changes in union scales are based on comparable quotations for each trade weighted by membership for current year. For indexes based on 1939=100, see also *Historical Statistics*, series D 152-163]

TRADE	1945	1946	1947	1948	1949	1950	1951 <sup>1</sup>	1952	1953	1954
Building trades, total:										
Rate	72.2	80.5	92.1	101.8	106.1	110.7	117.8	125.1	131.6	136.4
Hours	101.1	100.1	100.0	100.0	100.1	100.2	100.1	100.1	100.1	100.1
Journeyman:										
Rate	73.0	80.9	92.3	101.7	106.0	110.5	117.4	124.6	130.7	135.4
Hours	101.2	100.1	99.9	100.0	100.1	100.2	100.1	100.1	100.1	100.1
Helpers and laborers:										
Rate	67.0	77.9	91.1	102.6	106.4	112.2	119.9	127.7	136.5	142.4
Hours	100.8	100.1	100.1	100.0	100.0	100.0	99.9	100.1	100.1	100.1
Printing trades, total:										
Rate	63.5	74.3	(1)	94.3	105.7	107.9	112.4	118.8	123.5	127.1
Hours	104.6	102.0	(1)	100.1	99.9	99.8	99.7	99.5	99.5	99.4
Book and job:										
Rate	63.1	74.2	(1)	94.3	105.7	108.2	112.1	119.3	124.0	127.6
Hours	106.1	102.4	(1)	100.1	99.9	99.8	99.5	99.2	99.2	99.1
Newspaper:										
Rate	64.1	74.5	(1)	94.3	105.7	107.4	112.7	117.6	122.3	125.9
Hours	101.7	101.3	(1)	100.3	99.7	99.5	99.4	99.3	99.3	99.2
Motortruck drivers and helpers:										
Rate	71.5	79.6	91.9	100.0	108.1	111.9	118.2	124.7	134.5	140.2
Hours	105.3	103.1	100.7	99.8	99.5	98.8	98.7	98.3	96.4	95.6
Streetcar and bus operators, rate	69.9	81.9	92.4	101.7	105.9	110.9	118.2	127.0	129.9	136.4

<sup>1</sup> No study made in 1947.

Source: Department of Labor, Bureau of Labor Statistics; published annually in *Monthly Labor Review* and special pamphlets.

# No. 253.—ESTIMATED NUMBER OF DISABLING WORK INJURIES, BY MAJOR INDUSTRY GROUP: 1950 TO 1954

[In thousands. Includes employees and self-employed]

INDUSTRY GROUP	TOTAL			FATALITIES			PERMANENT DISABILITIES			TEMPORARY-TOTAL DISABILITIES		
	1950	1953	1954 <sup>1</sup>	1950	1953	1954 <sup>1</sup>	1950	1953	1954 <sup>1</sup>	1950	1953	1954 <sup>1</sup>
All industries <sup>2</sup> .....	1,952.0	2,034.0	1,860.0	15.5	15.0	14.0	84.9	84.0	76.0	1,851.6	1,935.0	1,770.0
Agriculture <sup>3</sup> .....	340.0	320.0	310.0	4.3	3.8	3.8	(4)	(4)	(4)	(4)	(4)	(4)
Mining and quarrying <sup>5</sup> .....	72.0	61.0	52.0	1.0	0.9	0.8	(4)	(4)	(4)	(4)	(4)	(4)
Construction <sup>6</sup> .....	205.0	225.0	205.0	2.3	2.5	2.4	8.5	7.9	6.6	194.2	214.6	196.0
Manufacturing <sup>7</sup> .....	426.0	480.0	390.0	2.6	2.4	2.0	21.7	23.6	20.0	401.7	454.0	368.0
Public utilities <sup>6</sup> .....	24.0	19.0	18.0	0.3	0.3	0.2	0.6	(4)	(4)	23.1	(4)	(4)
Trade, wholesale and retail <sup>6</sup> .....	335.0	363.0	340.0	1.5	1.4	1.3	8.1	8.2	7.7	325.4	353.4	331.0
Transportation <sup>8</sup> .....	177.0	186.0	167.0	1.3	1.4	1.2	(4)	(4)	(4)	(4)	(4)	(4)
Finance, service, government, and miscellaneous industries <sup>2</sup> .....	373.0	380.0	378.0	2.2	2.3	2.3	(4)	(4)	(4)	(4)	(4)	(4)

<sup>1</sup> Preliminary. <sup>2</sup> Excludes domestic service. <sup>3</sup> Based on fragmentary data.

<sup>4</sup> Data not shown separately, but included in totals for all industries. <sup>5</sup> Based largely on Bureau of Mines data.

<sup>6</sup> Based on small sample surveys. <sup>7</sup> Based on comprehensive survey.

<sup>8</sup> Includes data for railroads; based on reports of Interstate Commerce Commission.

## No. 254.—SELECTED INJURY-FREQUENCY AND SEVERITY RATES: 1950 TO 1953

[Frequency rate is average number of disabling work injuries for each million employee-hours worked. Severity rate is average number of days lost for each thousand employee-hours worked. Standard time-loss ratings for fatalities and permanent disabilities are given in *Method of Compiling Industrial Injury Rates*, approved by American Standards Association, 1945]

INDUSTRY GROUP AND INDUSTRY	INJURY-FREQUENCY RATES				SEVERITY RATES			
	1950	1951	1952	1953	1950	1951	1952	1953
<b>Manufacturing</b> .....	14.7	15.5	14.3	13.4	1.2	1.3	1.3	1.2
Ordnance and accessories.....	6.2	6.0	6.4	8.0	(1)	0.6	0.6	0.8
Food and kindred products.....	18.9	20.7	20.2	19.8	1.2	1.4	1.5	1.3
Tobacco manufactures.....	6.8	6.6	7.3	7.0	0.5	0.4	0.5	0.4
Textile-mill products.....	11.0	11.2	10.3	10.1	1.0	1.0	0.8	0.7
Apparel and other finished textile products.....	6.6	6.9	7.8	7.3	0.2	0.2	0.4	0.3
Lumber and wood products (exc. furniture).....	50.2	52.8	49.6	43.6	5.4	5.3	4.6	4.1
Furniture and fixtures.....	21.0	22.0	20.9	19.7	1.5	1.6	1.7	1.9
Paper and allied products.....	16.1	16.0	15.3	14.9	1.4	1.9	1.7	1.4
Printing, publishing, and allied industries.....	8.2	9.1	9.4	9.3	0.5	0.6	0.5	0.9
Chemicals and allied products.....	11.1	11.5	10.1	9.1	1.2	1.1	1.1	1.1
Products of petroleum and coal.....	9.3	8.7	8.7	7.3	(1)	(1)	1.2	0.9
Rubber products.....	10.0	9.7	8.6	8.6	1.2	1.2	1.1	1.1
Leather and leather products.....	10.8	12.8	12.6	12.6	0.7	0.7	0.5	0.8
Stone, clay, and glass products.....	20.5	21.8	19.3	20.0	2.2	1.8	1.9	1.8
Primary metal industries.....	14.8	16.9	15.5	14.1	1.4	1.8	1.8	1.8
Fabricated metal products.....	19.0	19.5	18.1	17.8	1.5	1.5	1.4	1.6
Machinery (exc. electrical).....	13.8	15.4	14.2	13.4	1.1	1.2	1.1	1.2
Electrical machinery.....	7.4	7.5	7.0	6.5	0.7	0.6	0.6	0.6
Transportation equipment.....	8.3	8.4	7.5	7.0	0.8	0.7	0.7	0.7
Instruments and related products.....	7.7	7.4	7.3	6.4	0.3	0.5	0.5	0.4
<b>Contract construction</b> .....	41.0	39.3	35.3	32.9	3.8	4.2	3.7	3.2
<b>Transportation and public utilities:</b>								
Local and interurban railways and bus lines.....	(1)	(1)	(1)	12.4	(1)	(1)	(1)	0.8
Trucking and warehousing.....	34.5	38.0	36.2	33.2	2.9	2.1	1.7	2.2
Telephone communication.....	2.1	1.8	1.6	1.0	0.1	0.1	0.1	0.1
Electric and gas utilities.....	13.8	13.2	12.1	9.9	1.9	2.0	1.7	2.0
Water-supply systems.....	21.9	23.5	21.4	23.5	1.6	1.4	2.5	1.8
<b>Wholesale and retail trade</b> .....	12.3	12.9	12.4	12.1	0.6	0.6	0.5	0.6
<b>Services:</b>								
Hotels.....	16.0	14.6	14.4	13.2	0.7	0.6	0.3	0.7
Laundries and dry cleaning.....	7.2	8.0	9.1	8.6	0.4	0.4	0.7	0.6
Automobile repair shops and garages.....	13.0	13.7	17.5	14.5	(1)	(1)	0.8	1.1
Radio broadcasting and television.....	2.5	4.1	4.0	4.1	(1)	(1)	(1)	(1)
Motion pictures and other amusements.....	8.8	10.0	9.9	8.2	(1)	(1)	(1)	1.0
<b>Government, State and local:</b>								
Local transit systems.....	(1)	(1)	(1)	15.2	(1)	(1)	(1)	1.5
Electric and gas utilities.....	(1)	(1)	(1)	15.5	(1)	(1)	(1)	2.0
Local fire protection.....	35.5	30.4	34.7	31.8	1.9	2.1	1.8	3.2
Police.....	32.4	36.5	33.2	30.3	1.5	1.6	1.8	3.0

<sup>1</sup> Not available. <sup>2</sup> Comprises private only; prior to 1953 comprised both publicly and privately operated utilities.

Source for tables 253 and 254: Department of Labor, Bureau of Labor Statistics; published periodically in *Monthly Labor Review*, and annual bulletin, *Work Injuries in the United States*.



# No. 255.—MONTHLY LABOR TURNOVER RATES (PER 100 EMPLOYEES) IN MANUFACTURING INDUSTRIES: 1943 TO 1954

[Month-to-month employment changes as indicated by labor turnover rates are not precisely comparable to those in table 229, as the former are based on data for entire month while the latter refer to a one-week period ending nearest middle of month. Data refer to wage and salary workers. The turnover sample is not so extensive as that of the employment survey—proportionately fewer small plants are included; printing and publishing canning and preserving, and several other industries are not covered]

TYPE AND YEAR	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Accession:													
1943.....	7.5	8.3	7.9	8.3	7.4	7.2	8.4	7.8	7.6	7.7	7.2	6.6	5.2
1950.....	4.4	3.6	3.2	3.6	3.5	4.4	4.8	4.7	6.6	5.7	5.2	4.0	3.0
1953.....	3.9	4.4	4.2	4.4	4.3	4.1	5.1	4.1	4.3	4.0	3.3	2.7	2.1
1954.....	3.0	2.8	2.5	2.8	2.4	2.7	3.5	2.9	3.3	3.4	3.6	3.3	2.5
Total separation:													
1943.....	7.3	7.1	7.1	7.7	7.5	6.7	7.1	7.6	8.3	8.1	7.0	6.4	6.6
1950.....	3.5	3.1	3.0	2.9	2.8	3.1	3.0	2.9	4.2	4.9	4.3	3.8	3.6
1953.....	4.3	3.8	3.6	4.1	4.3	4.4	4.2	4.3	4.8	5.2	4.5	4.2	4.0
1954.....	3.5	4.3	3.5	3.7	3.8	3.3	3.1	3.1	3.5	3.9	3.3	3.0	3.0
Quit:													
1943.....	5.2	4.5	4.7	5.4	5.4	4.8	5.2	5.6	6.3	6.3	5.2	4.5	4.4
1950.....	1.9	1.1	1.0	1.2	1.3	1.6	1.7	1.8	2.9	3.4	2.7	2.1	1.7
1953.....	2.3	2.1	2.2	2.5	2.7	2.7	2.6	2.5	2.9	3.1	2.1	1.5	1.1
1954.....	1.1	1.1	1.0	1.0	1.1	1.0	1.1	1.1	1.4	1.8	1.2	1.0	0.9
Discharge:													
1943.....	0.6	0.5	0.5	0.6	0.5	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6
1950.....	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3
1953.....	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2
1954.....	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Lay-off:													
1943.....	0.6	0.7	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.7	1.0
1950.....	1.1	1.7	1.7	1.4	1.2	1.1	0.9	0.6	0.6	0.7	0.8	1.1	1.3
1953.....	1.3	0.9	0.8	0.8	0.9	1.0	0.9	1.1	1.3	1.5	1.8	2.3	2.5
1954.....	1.9	2.8	2.2	2.3	2.4	1.9	1.7	1.6	1.7	1.7	1.6	1.6	1.7
Misc. (incl. military):													
1943.....	0.9	1.4	1.4	1.2	1.0	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6
1950.....	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.3	0.3
1953.....	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
1954.....	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.1	0.2

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review* and *Employment and Earnings*.

# No. 256.—LABOR UNION MEMBERSHIP: 1933 TO 1952

[Membership data are estimates, not to be construed as data verified by Government. See also *Historical Statistics*, series D 218-223]

YEAR	All unions, total membership (1,000)	AMERICAN FEDERATION OF LABOR		CONGRESS OF INDUSTRIAL ORGANIZATIONS		Independent or unaffiliated unions, total membership (1,000)
		Number of affiliated unions	Total membership <sup>1</sup> (1,000)	Number of affiliated unions	Total membership (1,000)	
1933.....	2,857	108	2,127	-----	-----	730
1935.....	3,728	109	3,045	-----	-----	683
1938.....	8,265	102	3,623	42	4,038	604
1939.....	8,980	104	4,006	45	4,000	974
1940.....	8,944	105	4,247	42	3,625	1,072
1941.....	10,489	106	4,569	41	5,000	920
1942.....	10,762	102	5,483	39	4,195	1,084
1943.....	13,642	99	6,564	40	5,285	1,793
1944.....	14,621	100	6,807	41	5,935	1,879
1945.....	14,796	102	6,931	40	6,000	1,865
1946.....	14,974	102	7,152	40	6,000	1,822
1947.....	15,414	105	7,578	40	6,000	1,836
1948.....	<sup>2</sup> 14,000-16,000	105	7,221	40	(3)	2,200-2,500
1949.....	<sup>2</sup> 14,000-16,000	107	7,241	39	(3)	2,000-2,300
1950.....	<sup>2</sup> 14,000-16,000	107	7,143	30	(3)	2,400-2,800
1951.....	<sup>2</sup> 16,500-17,000	108	7,846	33	5,000	2,000-2,500
1952.....	<sup>2</sup> 16,500-17,000	109	8,098	33	5,000	2,000-2,500

<sup>1</sup> Based upon per capita payments paid to AFL by affiliated unions which tend to understate total membership; average AFL membership in 1952 would appear to be about 9,500,000.

<sup>2</sup> Includes Canadian members of labor unions with headquarters in U. S. (850,545 in 1952).

<sup>3</sup> Not available.

Source: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics*, and records.

## No. 257.—WORK STOPPAGES: 1933 TO 1954

[Excludes work stoppages involving fewer than 6 workers or lasting less than 1 day. Information obtained directly from companies and unions involved as well as from various Government labor boards, conciliation services, and other neutral parties. See also *Historical Statistics*, series D 224-229, 234]

YEAR	WORK STOPPAGES BEGINNING IN YEAR		WORKERS INVOLVED		MAN-DAYS IDLE		
	Number	Average duration (calendar days)	Number (thousands) <sup>1</sup>	Percent of total employed <sup>2</sup>	Number (thousands)	Percent of estimated working time <sup>3</sup>	Per worker involved
1933	1,695	16.9	1,170	6.3	16,900	0.36	14.4
1935	2,014	23.8	1,120	5.2	15,500	0.29	13.8
1936	2,172	23.3	789	3.1	13,900	0.21	17.6
1937	4,740	20.3	1,860	7.2	28,400	0.43	15.3
1938	2,772	23.6	688	2.8	9,150	0.15	13.3
1939	2,613	23.4	1,170	4.7	17,800	0.28	15.2
1940	2,508	20.9	577	2.3	6,700	0.10	11.6
1941	4,288	18.3	2,360	8.4	23,000	0.32	9.8
1942	2,968	11.7	840	2.8	4,180	0.05	5.0
1943	3,752	5.0	1,980	6.9	13,500	0.15	6.8
1944	4,956	5.6	2,120	7.0	8,720	0.09	4.1
1945	4,750	9.9	3,470	12.2	38,000	0.47	11.0
1946	4,985	24.2	4,600	14.5	116,000	1.43	25.2
1947	3,693	25.6	2,170	6.5	34,600	0.41	15.9
1948	3,419	21.8	1,960	5.5	34,100	0.37	17.4
1949	3,606	22.5	3,030	9.0	50,500	0.59	16.7
1950	4,843	19.2	2,410	6.9	38,800	0.44	16.1
1951	4,737	17.4	2,220	5.5	22,900	0.23	10.3
1952	5,117	19.6	3,540	8.8	59,100	0.57	16.7
1953	5,091	20.3	2,400	5.6	28,300	0.26	11.8
1954	3,468	22.5	1,530	3.7	22,600	0.21	14.7

<sup>1</sup> Workers counted more than once if involved in more than one stoppage during year.

<sup>2</sup> Total employed workers for 1933-1950 refers to all workers except those in occupations and professions in which there is little if any union organization or in which stoppages rarely if ever occur. In 1951, concept was changed to coincide with the Bureau's figures for nonagricultural employment, excluding Government but including workers in all occupational groups. Tests show that percentage of total idleness computed on basis of these new figures usually differs by less than one-tenth of a point while percentage of workers idle differs by about 0.5 or 0.6 of a point.

<sup>3</sup> Estimated working time computed by multiplying average number of employed workers (see footnote 2) by number of days worked by most employees.

Source: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics* and records. Basic data are currently published in May issues of *Monthly Labor Review*.

## No. 258.—WORK STOPPAGES—MAJOR ISSUES INVOLVED AND DURATION: 1952 TO 1954

[See headnote, table 257. Data by issues based on stoppages beginning in year; duration data based on stoppages ending in year. See also *Historical Statistics*, series D 230-238]

MAJOR ISSUES AND DURATION	NUMBER OF WORK STOPPAGES			NUMBER OF WORKERS INVOLVED <sup>1</sup> (thousands)			NUMBER OF MAN-DAYS IDLE (thousands)		
	1952	1953	1954	1952	1953	1954	1952	1953	1954
<b>MAJOR ISSUES</b>									
All issues	5,117	5,091	3,468	3,540	2,400	1,530	59,100	28,300	22,600
Wages and hours	2,447	2,825	1,726	1,450	1,460	886	23,100	21,800	16,700
Union organization, wages and hours	240	202	159	725	45	15	28,100	1,250	1,590
Union organization	599	543	429	116	117	39	1,220	935	618
Other working conditions	1,378	1,135	836	974	638	451	5,320	3,560	3,110
Interunion or intraunion matters	334	275	254	256	130	135	1,240	684	529
Not reported	119	111	64	14	13	5	69	45	38
<b>DURATION</b>									
All stoppages	5,096	5,109	3,508	3,540	2,380	1,570	59,400	28,000	22,100
1 day	639	605	423	256	199	115	256	199	115
2 and 3 days	916	819	542	415	476	247	828	923	475
4 days and less than 1 week	784	719	476	471	388	262	1,510	1,270	774
1 week and less than ½ month	1,059	1,041	743	456	476	297	2,760	2,950	1,920
½ and less than 1 month	722	880	565	726	312	284	7,320	4,260	3,830
1 and less than 2 months	557	628	428	981	360	209	32,700	8,910	6,120
2 and less than 3 months	218	224	159	174	124	115	7,960	5,280	5,780
3 months or more	201	193	172	66	44	39	5,970	4,220	3,100

<sup>1</sup> See footnote 1, table 257.

Source: Department of Labor, Bureau of Labor Statistics; May issues of *Monthly Labor Review*; *Handbook of Labor Statistics*; and annual bulletin, *Analysis of Work Stoppages*.



# No. 259.—WORK STOPPAGES, BY INDUSTRY GROUPS: 1950 TO 1954

[See headline, table 257]

INDUSTRY GROUP	NUMBER OF WORK STOPPAGES BEGINNING IN —						NUMBER OF WORKERS INVOLVED <sup>2</sup>						NUMBER OF MAN-DAYS IDLE DURING YEAR					
	1950		1951		1952		1953		1954		1955		1956		1957		1958	
	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
<b>All Industries <sup>1</sup></b>	4,843	4,737	5,117	5,091	3,468	2,410,000	2,220,000	3,540,000	2,400,000	1,530,000	38,800,000	22,900,000	59,100,000	28,300,000	22,600,000			
<b>MANUFACTURING</b>																		
Food and kindred products.....	185	197	206	213	157	57,000	77,500	127,000	98,400	73,800	691,000	819,000	1,250,000	1,210,000	694,000			
Tobacco manufactures.....	5	5	4	2	2,800	1,600	1,300	1,300	480	100	33,000	14,100	53,200	20,800	140			
Textile-mill products.....	147	121	95	88	65	48,400	153,000	36,500	25,600	28,400	686,000	3,490,000	1,070,000	593,000	573,000			
Apparel and other finished products, etc.....	187	210	201	193	135	17,900	54,000	17,600	35,600	12,200	228,000	354,000	213,000	296,000	145,000			
Lumber and wood products (except furniture).....	119	118	131	125	70	23,600	22,800	64,500	19,800	87,300	700,000	251,000	1,240,000	512,000	4,200,000			
Furniture and fixtures.....	106	99	108	134	70	15,800	22,700	23,000	25,100	10,900	315,000	309,000	396,000	262,000	139,000			
Paper and allied products.....	76	54	73	45	37	18,900	20,600	22,000	15,400	9,970	360,000	494,000	815,000	222,000	77,000			
Printing, publishing, and allied industries.....	54	27	32	44	30	10,400	1,200	4,100	21,300	5,950	240,000	29,500	92,400	245,000	103,000			
Chemicals and allied products.....	96	67	100	107	77	39,200	20,000	30,400	36,500	18,200	795,000	201,000	621,000	825,000	159,000			
Products of petroleum and coal.....	22	19	22	19	16	16,400	5,200	58,800	2,610	2,230	792,000	55,500	1,110,000	105,000	50,600			
Rubber products.....	136	156	129	102	83	136,000	137,000	154,000	141,000	108,000	385,000	700,000	139,000	493,000	1,620,000			
Leather and leather products.....	84	78	65	48	36	25,300	22,600	16,700	11,900	5,560	157,000	221,000	139,000	99,100	53,300			
Stone, clay, and glass products.....	132	132	154	128	106	44,600	19,000	63,300	19,400	20,700	632,000	231,000	810,000	316,000	300,000			
Primary metal industries.....	309	308	288	312	156	142,000	214,000	622,000	202,000	80,400	1,180,000	1,630,000	23,000,000	1,510,000	952,000			
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	278	242	282	291	175	85,800	84,200	111,000	102,000	42,400	969,000	1,300,000	2,430,000	1,690,000	1,200,000			
Machinery (except electrical).....	317	268	323	286	175	224,000	158,000	167,000	126,000	64,000	4,410,000	3,370,000	3,990,000	2,150,000	1,350,000			
Electrical machinery.....	168	136	122	137	116	132,000	104,000	100,000	76,600	57,100	1,420,000	1,040,000	1,180,000	1,620,000	1,010,000			
Transportation equipment.....	171	194	199	179	84	368,000	230,000	216,000	300,000	107,000	8,540,000	2,600,000	2,230,000	2,730,000	656,000			
Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.....	26	26	23	41	24	23,100	10,200	12,600	11,400	18,700	158,000	127,000	297,000	246,000	145,000			
<b>NONMANUFACTURING</b>																		
Agriculture, forestry, and fishing.....	12	21	14	14	11	20,700	17,200	4,700	8,140	2,930	152,000	348,000	56,000	113,000	59,900			
Mining.....	508	622	650	460	250	196,000	284,000	547,000	156,000	111,000	9,700,000	1,290,000	4,310,000	846,000	845,000			
Construction.....	611	651	794	1,089	808	237,000	232,000	634,000	574,000	436,000	2,460,000	1,190,000	6,700,000	8,000,000	4,800,000			
Trade.....	381	277	397	408	298	70,100	40,000	75,800	71,200	53,400	927,000	289,000	1,050,000	1,050,000	1,690,000			
Finance, insurance, and real estate.....	31	21	16	13	10	13,000	14,300	4,200	950	600	52,500	208,000	300,000	21,600	13,900			
Transportation, communication, etc.....	386	357	406	372	282	405,000	231,000	372,000	256,000	146,000	2,380,000	1,790,000	1,790,000	2,380,000	410,000			
Services—personal, business, and other.....	182	179	132	145	104	13,900	21,300	14,000	14,400	8,040	161,000	329,000	193,000	202,000	82,900			

<sup>1</sup> Strikes affecting more than 1 industry have been counted as separate strikes in each industry affected, with proper allocation of workers and man-days idle.

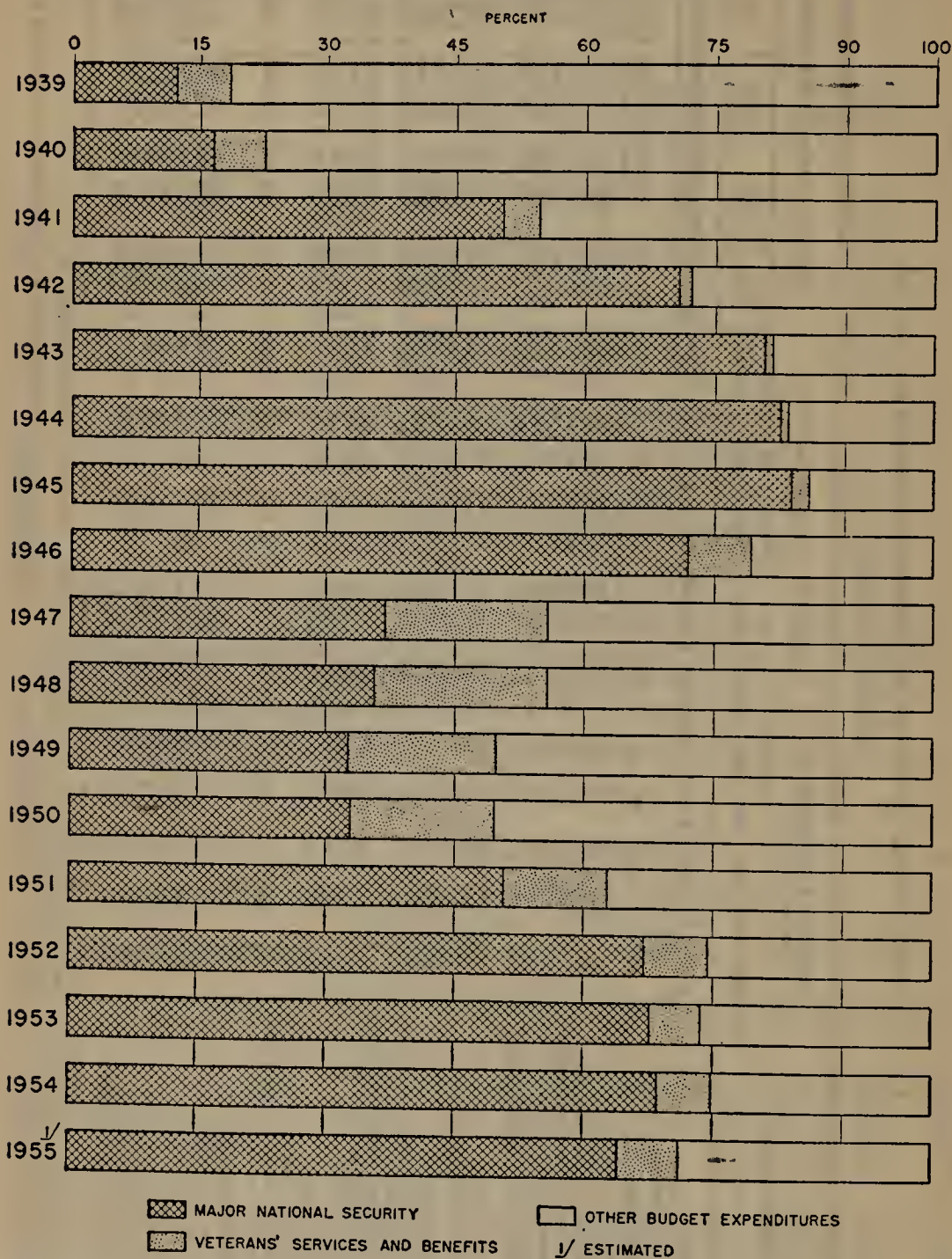
<sup>2</sup> Workers counted more than once if involved in more than 1 stoppage during year.

<sup>3</sup> Includes industries not shown separately.

Source: Department of Labor, Bureau of Labor Statistics; published in May issues of *Monthly Labor Review*.

FIG. XVII.—FEDERAL GOVERNMENT EXPENDITURES FOR MAJOR NATIONAL SECURITY FUNCTIONS AND VETERANS' SERVICES AND BENEFITS, IN RELATION TO TOTAL FEDERAL BUDGET EXPENDITURES: 1939 TO 1955

[See table 260]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Bureau of the Budget.



## 9. Military Services and Veterans Affairs

This section presents statistics relating to national defense, several measures of its human and financial costs, and indicators of military personnel, ships, aircraft, and Selective Service operations. Also included are statistics on the various programs and benefits sponsored by the Federal government for veterans. The principal sources of these data are the Department of Defense, Office of Secretary of Defense; annual reports of the separate Departments of the Army, Navy, and Air Force; the Selective Service System; the *Annual Report of the Administrator of Veterans Affairs*, Veterans Administration; the *Budget of the United States Government* issued by the Bureau of the Budget; and *Health of the Army* issued monthly by the Office of the Surgeon General.

**Department of Defense.**—Until 1947 the Army, Navy, and Air Force operated under independent jurisdiction answering only to the Commander-in-Chief, the President of the United States. In 1947, as a result of the passage of the National Security Act, a new executive department was established, the National Military Establishment. This department was organized to provide for the coordination and unified direction of the Army, Navy, and Air Force under a civilian Secretary of Defense. The Army, Navy, and Air Force, however, were not merged. Each remained separately administered and retained its individual Department status. Amendments to the National Security Act in 1949 added new powers to the Secretary of Defense and redesignated the National Military Establishment as the Department of Defense.

**Selective Service.**—The Selective Service System is responsible for the registration, examination, classification, selection, and delivery for induction into the Armed Forces of all men required to register under the Universal Military and Training Act, as amended, or in lieu of induction for ordering them to perform civilian work. The aforementioned Act requires the registration of male citizens and all other men who are in the United States between the ages of 18 and 26, and makes those between 18½ and 26 years old liable for service in the Armed Forces. Aliens admitted for temporary residence, however, are not liable for service until they have remained in this country for a period exceeding one year. Deferred persons remain liable for service until they attain 35 years of age. Conscientious objectors who are found to be opposed to any service in the Armed Forces are required to perform civilian work in lieu of induction into the Armed Forces. The Act also provides exemptions or deferments from service for many persons for reasons of previous service, essential occupation, family dependency, etc.

**Veterans Administration.**—The Veterans Administration administers laws authorizing benefits for former members of the Armed Forces and for the dependents and other beneficiaries of deceased former members of such forces. Veterans' benefits available under various acts of Congress include: Compensation for service-connected disability or death; pension for nonservice-connected disability or death; emergency officers' retirement pay; vocational rehabilitation for service-connected disability; education and training; guaranty or insurance of home, farm, and business loans and, under certain conditions, direct home loans; readjustment allowances for unemployment or self-employment; U. S. Government and National Service Life Insurance; servicemen's indemnity in lieu of insurance; hospitalization; domiciliary care; outpatient medical and dental care for service-connected disability; prosthetic and other appliances; special housing for certain seriously disabled veterans; automobiles or other conveyances for certain disabled veterans; World War I adjusted service certificates; a guardianship program for the protection of estates derived from Veterans Administration benefits paid to incompetent or minor beneficiaries; burial allowances; and burial flags.

Note.—This section presents data for the most recent year or period available on March 1, 1955, when the material was organized and sent to the printer.

No. 260.—FEDERAL GOVERNMENT EXPENDITURES FOR MAJOR NATIONAL SECURITY FUNCTIONS AND VETERANS' SERVICES AND BENEFITS, IN RELATION TO TOTAL FEDERAL BUDGET EXPENDITURES: 1915 TO 1955

In millions of dollars. For years ending June 30. Includes expenditures of agencies other than the Department of Defense and Veterans Administration, for activities primarily related to National Security and veterans' programs. Excludes expenditures for programs which, though closely related to National Security or veterans' services, have a primary relationship to other categories of the functional classification (see table 410). Total budget expenditures have been revised to exclude payments to the railroad retirement trust account other than military service credits. Functional classification revisions for national security have been carried back through 1939. For further detail as to classification of particular items in 1954 and 1955, see Special Analysis B of the *Budget of the United States, 1956*, pp. 1135-45]

YEAR	Total budget expenditures	MAJOR NATIONAL SECURITY		VETERANS' SERVICES AND BENEFITS		YEAR	Total budget expenditures	MAJOR NATIONAL SECURITY		VETERANS' SERVICES AND BENEFITS	
		Amount	Per-cent of total	Amount	Per-cent of total			Amount	Per-cent of total	Amount	Per-cent of total
1915-----	746	297	39.8	176	23.6	1936-----	8,494	914	10.8	2,350	27.7
1916-----	713	305	42.8	171	24.0	1937-----	7,756	937	12.1	1,137	14.6
1917-----	1,954	602	30.8	171	8.7	1938-----	6,792	1,030	15.2	581	8.6
1918-----	12,662	7,110	56.1	235	1.8	1939-----	8,858	1,075	12.1	560	6.3
1919-----	18,448	13,548	73.4	324	1.7						
1920-----	6,357	3,997	62.9	332	5.2	1940-----	9,062	1,497	16.5	552	6.1
1921-----	5,058	2,581	51.0	646	12.8	1941-----	13,262	6,671	50.3	566	4.3
1922-----	3,285	929	28.3	686	20.9	1942-----	34,046	24,064	70.7	559	1.6
1923-----	3,137	680	21.7	747	23.8	1943-----	79,407	64,092	80.7	606	.8
1924-----	2,890	647	22.4	676	23.4	1944-----	95,059	78,406	82.5	745	.8
1925-----	2,881	591	20.5	741	25.7	1945-----	98,416	82,377	83.7	2,096	2.1
1926-----	2,888	586	20.3	772	26.7	1946-----	60,448	43,421	71.8	4,416	7.3
1927-----	2,837	578	20.4	786	27.7	1947-----	39,033	14,373	36.8	7,381	18.9
1928-----	2,933	656	22.4	806	27.5	1948-----	33,069	11,771	35.6	6,654	20.1
1929-----	3,127	696	22.2	812	26.0	1949-----	39,507	12,907	32.7	6,726	17.0
1930-----	3,320	734	21.1	821	24.7	1950-----	39,606	13,009	32.8	6,647	16.8
1931-----	3,578	733	20.5	1,040	29.1	1951-----	44,058	22,306	50.6	5,342	12.1
1932-----	4,659	703	15.1	985	21.1	1952-----	65,410	43,848	67.0	4,863	7.4
1933-----	4,623	648	14.0	863	18.7	1953-----	74,274	50,274	67.7	4,298	5.8
1934-----	6,694	540	8.1	557	8.3	1954-----	67,772	46,522	68.6	4,256	6.3
1935-----	6,521	711	10.9	607	9.3	1955-----	63,504	40,644	64.0	4,431	7.0

1 Estimated.

Source: Executive Office of the President, Bureau of the Budget. 1947-1955, Special Analysis K, *Budget of the United States Government, 1956*.

No. 261.—FEDERAL GOVERNMENT EXPENDITURES FOR MAJOR NATIONAL SECURITY FUNCTIONS: 1950 TO 1955

[In millions of dollars. For years ending June 30]

COST CATEGORY, PROGRAM, OR AGENCY	1950	1951	1952	1953	1954	1955 estimated
Total-----	13,009	22,306	43,848	50,274	46,522	40,644
Department of Defense, military, total-----	11,892	19,765	38,898	43,610	40,336	34,375
Military personnel-----		7,148	11,152	11,556	10,961	10,245
Operation and maintenance-----		6,444	11,855	10,379	9,356	7,869
Major procurement and production-----		3,976	11,478	17,123	15,958	12,627
Aircraft-----		2,412	4,888	7,416	8,334	7,557
Ships-----		381	624	1,191	1,090	888
Other-----		1,183	5,966	8,516	6,534	4,182
Military public works-----		439	1,819	1,913	1,706	1,418
Reserve components-----		537	476	522	584	705
Research and development-----		758	1,163	1,412	1,385	1,307
Establishment-wide activities-----		621	656	759	771	719
Working capital (revolving) funds-----		-158	299	-54	-384	-515
Mutual security program (military)-----	130	991	2,442	3,954	3,641	3,225
Atomic energy program-----	550	897	1,670	1,791	1,895	2,050
Strategic and critical materials-----	438	654	837	919	651	994

1 Detail not available.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government, 1956*.



## No. 262.—DEPARTMENT OF DEFENSE—AVAILABLE FUNDS, OBLIGATIONS, AND EXPENDITURES: 1949 TO 1954

[In millions of dollars. For years ending June 30]

ORGANIZATION UNIT AND APPROPRIATION TITLE	Total available cash and unfinanced contract authority	Total obligations	Total expenditures	Total available cash and unfinanced contract authority	Total obligations	Total expenditures	Total available cash and unfinanced contract authority	Total obligations	Total expenditures
	1949			1950			1951		
<b>Grand total</b> .....	25,265	14,737	14,359	26,924	15,578	13,734	66,637	52,061	21,916
Military functions.....	20,940	12,213	11,672	22,783	12,778	11,951	58,101	46,529	19,828
Army.....	7,997	5,747	5,422	6,621	3,941	4,067	21,927	18,133	7,195
Navy.....	8,379	4,205	4,434	7,768	3,989	4,096	15,990	12,484	5,919
Air Force.....	4,556	2,254	1,809	8,183	4,640	3,585	19,732	15,507	6,355
Other.....	8	7	7	210	208	203	452	406	358
Allocations from other agencies.....	708	413	464	317	100	163	194	36	83
Mutual defense assistance.....				1,210	1,079	49	6,186	4,431	896
Civil functions.....	3,307	2,007	2,089	2,347	1,485	1,442	1,843	890	1,040
Trust and deposit funds.....	310	105	135	267	137	129	313	176	70
	1952			1953			1954		
<b>Grand total</b> .....	111,476	61,878	42,071	120,405	45,939	48,576	107,779	19,222	44,627
Military functions.....	98,798	55,257	38,814	106,696	42,859	43,863	95,731	16,735	40,484
Army.....	36,439	20,066	15,740	34,112	12,475	16,605	29,654	-375	12,933
Navy.....	26,125	15,095	9,938	28,613	11,588	11,640	25,689	7,474	11,390
Air Force.....	35,695	19,729	12,743	43,285	18,262	15,210	39,363	9,207	15,696
Other.....	539	367	393	686	533	409	1,026	429	464
Allocations from other agencies.....	153	52	64	92	10	14	373	11	87
Mutual defense assistance.....	10,477	5,538	2,276	11,969	2,450	3,804	10,322	1,902	3,310
Civil functions.....	1,303	628	774	1,082	545	753	879	505	591
Trust and deposit funds.....	745	403	141	565	76	142	473	69	155

Source: Department of Defense, Office of the Secretary.

## No. 263.—MILITARY PERSONNEL ON ACTIVE DUTY, BY AGE: 1940 TO 1954

[In thousands. Estimated as of July 1. Includes Coast Guard]

AGE	1940 <sup>1</sup>	1945 <sup>1</sup>	1946	1947	1948	1949	1950	1951	1952	1953	1954
<b>Total</b> .....	464	12,355	3,004	1,561	1,462	1,610	1,481	3,279	3,661	3,590	3,331
Under 20 years.....	82	1,664	1,023	536	355	417	266	464	490	464	455
20 to 24 years.....	206	4,328	1,094	456	479	544	545	1,718	2,037	2,100	1,848
25 to 29 years.....	80	3,293	460	280	290	291	273	504	507	436	446
30 to 34 years.....	44	1,791	222	144	181	195	217	329	337	298	279
35 to 39 years.....	29	993	104	78	89	91	103	151	165	171	182
40 to 44 years.....	13	173	49	37	39	42	46	70	75	73	75
45 years and over.....	9	112	52	30	29	31	31	41	50	48	46

<sup>1</sup> Based on fragmentary data.

Source: Department of Commerce, Bureau of the Census. Based on Department of Defense data.

## No. 264.—MILITARY PERSONNEL ON ACTIVE DUTY: 1930 TO 1954

[Includes National Guard, Reserve, and retired Regular personnel on extended or continuous active duty. War-rant officers and flight officers are included under officers. Enlisted data include West Point cadets, Annapolis midshipmen, and other officer candidates. Excludes Coast Guard]

JUNE 30 —	Grand total	ARMY <sup>1</sup>			NAVY <sup>2</sup>			MARINE CORPS		
		Total	Offi- cers	En- listed	Total	Offi- cers	En- listed	Total	Offi- cers	En- listed
ROTH SEXES										
1930-----	255,822	139,378	14,151	125,227	97,064	9,540	57,524	19,380	1,208	18,172
1931-----	252,705	140,516	14,159	126,357	93,407	9,849	53,558	18,782	1,196	17,586
1932-----	244,953	134,957	14,111	120,846	93,435	9,967	53,468	16,561	1,196	15,365
1933-----	243,971	136,547	13,896	122,651	91,356	9,947	51,409	16,068	1,192	14,876
1934-----	247,293	138,464	13,761	124,703	92,468	9,972	52,496	16,361	1,187	15,174
1935-----	252,226	139,486	13,471	126,015	95,480	10,115	55,365	17,260	1,163	16,097
1936-----	291,257	167,816	13,512	154,304	106,193	10,247	65,946	17,248	1,206	16,040
1937-----	311,560	179,968	13,740	166,228	113,369	10,367	70,002	18,223	1,312	16,911
1938-----	322,494	185,488	13,975	171,513	118,650	10,739	70,911	18,356	1,359	16,997
1939-----	334,473	189,839	14,486	175,353	125,202	12,023	73,179	19,432	1,380	18,052
1940-----	458,297	269,023	18,326	250,697	160,997	13,604	147,393	28,277	1,732	26,545
1941-----	1,801,101	1,462,315	99,536	1,362,779	284,427	29,092	255,335	54,359	3,339	51,020
1942-----	3,858,791	3,075,608	206,422	2,869,186	640,570	69,564	571,006	142,613	7,138	135,475
1943-----	9,044,745	6,994,472	579,576	6,414,896	1,741,750	179,676	1,562,074	308,523	21,384	287,139
1944-----	11,451,719	7,994,750	776,980	7,217,770	2,981,365	276,153	2,705,212	475,604	32,788	442,816
1945-----	12,123,455	8,267,958	891,663	7,376,295	3,380,817	331,379	3,049,438	474,680	37,067	437,613
1946-----	3,031,978	1,891,011	267,144	1,623,867	985,288	141,239	844,049	155,679	14,208	141,471
1947-----	1,552,999	991,285	132,504	858,781	498,661	52,434	446,227	93,053	7,506	85,547
1948-----	1,445,910	554,030	68,178	485,852	419,162	45,416	373,746	84,988	6,907	78,081
1949-----	1,615,360	660,473	77,272	583,201	449,575	47,975	401,600	85,965	7,250	78,715
1950-----	1,460,261	593,167	72,566	520,601	381,538	44,641	336,897	74,279	7,254	67,025
1951-----	3,249,455	1,531,774	130,540	1,401,234	736,680	70,513	666,167	192,620	15,150	177,470
1952-----	3,635,912	1,596,419	148,427	1,447,992	824,265	82,247	742,018	231,967	16,413	215,554
1953-----	3,555,067	1,533,815	145,633	1,388,182	794,440	81,731	712,709	249,219	18,731	230,488
1954-----	3,302,104	1,404,598	128,208	1,276,390	725,720	77,280	648,440	223,868	18,593	205,275
FEMALE <sup>4</sup>										
1941-----	6,104	5,433	5,433	-----	671	671	-----	-----	-----	-----
1942-----	14,253	12,475	12,475	-----	1,778	1,778	-----	-----	-----	-----
1943-----	126,166	91,548	36,222	55,326	30,975	9,258	21,717	3,643	244	3,399
1944-----	210,491	119,023	47,736	71,287	73,991	16,010	57,981	17,477	797	16,680
1945-----	264,934	153,644	62,864	90,780	92,853	19,567	73,286	18,437	831	17,606
1946-----	57,992	33,359	16,660	16,699	22,413	8,391	14,022	2,220	163	2,057
1947-----	19,764	14,744	7,650	7,094	4,775	2,681	2,094	245	10	235
1948-----	14,482	8,095	4,829	3,266	4,054	2,436	1,618	167	8	159
1949-----	18,080	9,277	5,021	4,256	5,131	2,511	2,620	352	30	322
1950-----	22,069	10,982	4,431	6,551	5,193	2,447	2,746	580	45	535
1951-----	39,625	17,853	6,970	10,883	9,458	4,190	5,268	2,065	63	2,002
1952-----	45,934	17,434	7,206	10,228	11,268	4,026	7,242	2,462	115	2,347
1953-----	45,485	15,261	6,501	8,760	11,644	3,636	8,008	2,662	160	2,502
1954-----	38,600	12,594	5,807	6,787	10,218	3,273	6,945	2,502	163	2,339

JUNE 30—	AIR FORCE <sup>5</sup>						Army personnel assigned to Air Force command <sup>6</sup>	Air Force personnel assigned to Army command <sup>7</sup>
	Both sexes			Female				
	Total	Officers	Enlisted	Total	Officers	Enlisted		
1948.....	387,730	48,957	338,773	2,166	733	1,433	27,903	5,419
1949.....	419,347	57,851	361,496	3,320	973	2,347	22,495	119
1950.....	411,277	57,006	354,271	5,314	1,532	3,782	13,735	-----
1951.....	788,381	107,099	681,282	10,249	2,735	7,514	18,978	-----
1952.....	<sup>8</sup> 983,261	128,742	854,519	14,770	3,827	10,943	<sup>9</sup> 39,850	-----
1953.....	977,593	130,769	846,824	15,918	4,139	11,779	29,863	-----
1954.....	947,918	129,752	818,166	13,286	3,558	9,728	24,259	-----

<sup>1</sup> Includes Philippine Scouts; excludes contract surgeons. Data for 1930-47 include personnel in Army Air Forces and its predecessors (Air Service and Air Corps). For 1948 and 1949 includes Air Force personnel assigned to Army command; excludes Army personnel assigned to Air Force command. Beginning 1950, figures consist entirely of Army Department personnel, since Air Force Department personnel no longer assigned to U. S. Army organizations. <sup>2</sup> Nurse Corps included with officers.

<sup>3</sup> Includes 173 Navy medical officers on duty with Army.

<sup>4</sup> Number of women in services 1925 to 1940 relatively small.

<sup>5</sup> 1948 and 1949 includes Army personnel assigned to Air Force command; excludes Air Force personnel assigned to Army command. No Air Force personnel assigned to Army command beginning 1950.

<sup>6</sup> Included in Air Force. <sup>7</sup> Included in Army.

<sup>8</sup> Includes 9,787 Army personnel in training for subsequent assignment to Air Force commands.

Source: Department of Defense, Office of Secretary of Defense; annual reports of the Departments, and Departmental records.



No. 265.—BATTLE CASUALTIES IN THE KOREAN AREA: 1950 TO 1953

[Data indicate number of permanent and temporary losses from effective military strength as the result of enemy action during period June 25, 1950-July 27, 1953. Figures reflect findings of presumptive death and other determinations, changes in status, and revisions processed through Sept. 30, 1954]

ITEM	Total	Army	Navy	Marine Corps	Air Force
Casualties.....	142,091	109,958	2,087	28,205	1,841
Deaths.....	33,629	27,704	458	4,267	1,200
Killed in action.....	23,300	19,334	279	3,308	379
Wounded in action.....	105,785	79,526	1,599	24,281	379
Died of wounds.....	2,501	1,930	23	537	11
Wounds not mortal.....	103,284	77,596	1,576	23,744	368
Missing in action.....	5,866	4,442	174	391	859
Died while missing.....	5,127	3,778	152	391	806
Returned to military control.....	715	664	13	—	38
Current missing.....	24	—	9	—	15
Captured or interned.....	7,140	6,656	35	225	224
Died while captured or interned.....	2,701	2,662	4	31	4
Returned to military control.....	4,418	3,973	31	194	220
Refused repatriation.....	21	21	—	—	—

No. 266.—PRINCIPAL WARS IN WHICH THE UNITED STATES PARTICIPATED—MILITARY PERSONNEL SERVING AND CASUALTIES

[Data prior to World War I are based on incomplete records in many cases. Casualty data are confined to dead and wounded personnel and therefore exclude personnel captured or missing in action who were subsequently returned to military control]

WAR AND BRANCH OF SERVICE	Number serving	CASUALTIES		
		Battle deaths	Other deaths	Wounds not mortal <sup>1</sup>
Revolutionary War (1775-1783).....	(2)	4,435	—	6,188
Army.....	—	4,044	—	6,004
Navy.....	—	342	—	114
Marines.....	—	49	—	70
War of 1812 (1812-1815).....	<sup>2</sup> 286,730	2,260	—	4,505
Army.....	—	1,950	—	4,000
Navy.....	—	265	—	439
Marines.....	—	45	—	66
Mexican War (1846-1848).....	<sup>3</sup> 78,718	1,733	—	4,152
Army.....	—	1,721	11,550	4,102
Navy.....	—	1	—	3
Marines.....	—	11	—	47
Civil War (1861-1865).....	<sup>4</sup> 2,213,363	140,414	224,097	281,881
Army.....	2,128,948	138,154	221,374	280,040
Navy.....	84,415	2,112	2,411	1,710
Marines.....	306,760	148	312	131
Spanish-American War (1898).....	306,760	385	2,061	1,662
Army.....	280,564	369	2,061	1,594
Navy.....	22,875	10	—	47
Marines.....	3,321	6	—	21
World War I (Apr. 6, 1917-Nov. 11, 1918).....	4,734,991	53,407	63,156	204,092
Army.....	4,057,161	50,510	55,868	193,663
Navy.....	599,051	436	6,898	819
Marines.....	78,839	2,461	390	9,520
World War II (Dec. 7, 1941-Dec. 31, 1946).....	16,112,566	293,986	113,842	670,846
Army.....	11,260,000	234,874	83,400	565,861
Navy.....	4,183,466	39,379	25,664	37,778
Marines.....	669,100	19,733	4,778	67,207
Korean War (June 25, 1950-July 27, 1953).....	5,720,000	33,629	20,617	103,284
Army.....	2,834,000	27,704	9,429	77,596
Navy.....	1,177,000	458	4,043	1,576
Marines.....	424,000	4,267	1,261	23,744
Air Force.....	1,285,000	1,200	5,884	368

<sup>1</sup> Wounds comprise all instances of battle wounds, except Marine Corps data for World War II and prior wars which are a count of personnel suffering wounds. <sup>2</sup> Not known, but estimates range from 184,000 to 250,000.

<sup>3</sup> As reported by Commissioner of Pensions in his annual report for fiscal year 1903.

<sup>4</sup> Authoritative statistics for Confederate Forces not available. Estimates of number who served range from 600,000 to 1,500,000. The Final Report of the Provost Marshal General, 1863-1866, indicated 133,821 Confederate deaths (74,524 battle and 59,297 other) based upon incomplete returns. In addition, an estimated 26,000-31,000 Confederate personnel died in Union prisons.

<sup>5</sup> Number serving covers period Apr. 21-Aug. 13, 1898, while dead and wounded data are for period May 1-Aug. 31, 1898. Active hostilities ceased on Aug. 13, 1898.

<sup>6</sup> Includes Air Service. Battle deaths and wounds not mortal include casualties suffered by American forces in Northern Russia to Aug. 25, 1919, and in Siberia to Apr. 1, 1920. Other deaths cover Apr. 1, 1917-Dec. 31, 1918.

<sup>7</sup> Data are for period Dec. 1, 1941, through Dec. 31, 1946, when hostilities were officially terminated by Presidential Proclamation, but few battle deaths or wounds not mortal were incurred after Japanese acceptance of Allied peace terms on Aug. 14, 1945. Numbers serving from Dec. 1, 1941-Aug. 31, 1945, were: Total, 14,903,213; Army, 10,420,000; Navy, 3,883,520; and Marine Corps, 599,693. <sup>8</sup> Includes Army Air Forces.

<sup>9</sup> Battle deaths and wounds not mortal include casualties incurred in October 1941 due to hostile action.

<sup>10</sup> Data as of Sept. 30, 1954, at which time 24 persons were still carried as missing in action.

Source of tables 265 and 266: Department of Defense, Office of the Secretary.

## No. 267.—SHIPS OF THE U. S. NAVY: 1950 TO 1953

[As of June 30. Includes vessels in active fleet, reserve (mothball) fleet, under conversion for change of status in shipyards, in custody of or use by district commandants, naval reserve training, and on loan. Excludes service craft and floating dry docks]

CLASS	1950	1951	1952	1953
<b>Total</b> .....	2,844	3,065	3,149	3,200
Total, excluding Military Sea Transportation Service vessels <sup>1</sup> .....	2,659	2,621	2,634	2,634
Warships.....	729	720	727	731
Amphibious warfare vessels.....	761	746	713	701
Mine warfare vessels.....	212	213	240	240
Patrol vessels.....	398	424	421	418
Auxiliary vessels.....	559	518	533	544
Military Sea Transportation Service vessels <sup>2</sup> .....	185	444	515	566

<sup>1</sup> Excludes ships under construction, service craft, small boats, and small landing craft.

<sup>2</sup> Includes all Military Sea Transportation Service ships and miscellaneous craft.

Source: Department of the Navy, Office of the Navy Comptroller.

## No. 268.—AIRCRAFT OF THE U. S. NAVY: 1945 TO 1954

[As of Jan. 1]

TYPE	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
<b>Total</b> .....	36,721	30,535	15,983	14,664	14,947	14,015	13,412	13,213	13,694	13,986
Combat <sup>2</sup> .....	25,780	19,402	8,104	8,505	8,416	9,465	8,978	8,654	8,767	} (3)
Transport and utility.....	2,437	2,876	1,268	1,225	1,300	1,231	1,144	776	801	
Training <sup>2</sup> .....	7,883	7,280	6,593	4,910	5,148	3,100	3,072	3,431	3,469	
Miscellaneous.....	621	977	18	24	83	219	218	352	657	

<sup>1</sup> Partly estimated.

<sup>2</sup> Combat-type airplanes used for training are included with "Training" for 1945-1949, and with "Combat" for 1950-1953.

<sup>3</sup> Not available.

Source: Navy Department, Bureau of Aeronautics and Office of the Navy Comptroller.

## No. 269.—AIRCRAFT ON HAND IN THE U. S. AIR FORCE: 1944 TO 1954

[As of Jan. 1]

TYPE	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
<b>Total</b> .....	64,232	72,726	44,782	30,035	23,814	20,068	18,705	18,370	19,994	22,045	25,422
Combat.....	27,448	41,961	26,077	17,186	13,118	9,031	8,093	8,216	9,179	} (1)	(1)
Transport.....	6,466	10,456	7,500	4,538	3,536	3,712	2,889	2,905	3,271		
Trainer.....	26,051	17,060	7,617	6,297	5,714	6,177	6,858	6,665	6,672		
Communications.....	4,267	3,249	3,588	2,014	1,446	1,148	865	584	872		

<sup>1</sup> Not available.

Source: Department of the Air Force, Office of the Air Force Comptroller.



# No. 270.—CLASSIFICATION STATUS OF SELECTIVE SERVICE REGISTRANTS, 18½ TO 26 YEARS OLD: 1952 TO 1954

[In thousands. As of Dec. 31. Under the amendments of June 19, 1951, to the Universal Military Training and Service Act, (1) age of military liability was extended to 35 years for certain specified kinds of registrants, and (2) registrants under 19 years of age were made eligible for classification]

CLASSIFICATION STATUS	1952		1953		1954	
	Number	Percent	Number	Percent	Number	Percent
<b>Total</b> -----	8,993	100.0	9,283	100.0	9,737	100.0
Unclassified-----	164	1.8	115	1.2	192	2.0
Classified-----	8,829	98.2	9,168	98.8	9,545	98.0
Available for military service (I-A & I-A-O)-----	1,117	12.4	1,116	12.0	1,564	16.1
Inducted or enlisted, including discharges and reserves (I-C)-----	3,031	33.7	3,721	40.1	3,917	40.2
Available for, in, or released from civilian service (I-O, I-W)-----	6	.1	7	.1	10	.1
Member of reserve component or National Guard (I-D)-----	333	3.7	327	3.5	299	3.1
Occupational deferments (II-A, II-A (App.), II-C, II-S, and I-S)-----	405	4.5	369	4.0	310	3.2
Dependency (III-A)-----	1,077	12.0	1,160	12.5	1,129	11.6
Veteran (SSS) (IV-A)-----	1,253	13.9	578	6.2	254	2.6
Physically, mentally, or morally unfit (IV-F)-----	1,532	17.1	1,818	19.6	1,992	20.4
Miscellaneous deferments (IV-B, IV-C, IV-D)-----	75	.8	72	.8	70	.7

Source: Selective Service System, National Headquarters.

# No. 271.—SELECTIVE SERVICE REGISTRANTS EXAMINED, ACCEPTED, AND DISQUALIFIED: 1950 TO 1954

[In thousands. Based on results of preinduction examinations]

ITEM	1950 to 1954, total <sup>1</sup>		1951		1952		1953		1954	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Examined</b> -----	4,248	100.0	1,186	100.0	887	100.0	877	100.0	387	100.0
Found acceptable-----	2,837	66.8	766	64.6	599	67.6	592	67.5	227	58.6
Disqualified-----	1,411	33.2	420	35.4	288	32.4	285	32.5	160	41.4
Medically disqualified only-----	666	15.6	173	14.5	140	15.8	115	13.1	88	22.7
Failed mental test only-----	570	13.4	199	16.9	118	13.2	142	16.2	53	13.8
Failed mental test and medically disqualified-----	135	3.2	38	3.2	23	2.6	21	2.4	11	2.9
Administrative disqualification-----	40	1.0	10	0.8	7	0.8	7	0.8	8	2.0

<sup>1</sup> 1950 figures for July through December only. Data for total period (1950-1954) adjusted for examinees disqualified prior to January 1952 for failing the mental test only, but later reexamined and found acceptable under modified mental test procedures.

Source: Department of the Army, Office of the Surgeon General.

# No. 272.—PERCENT DISTRIBUTION OF SELECTIVE SERVICE REGISTRANTS FOUND ACCEPTABLE, BY MENTAL GROUP: 1952 TO 1954

[A mental test (Armed Forces Qualification Test) is administered to each examinee irrespective of his educational level. Those who attain a score of 10 or higher on the mental test are considered acceptable]

MENTAL GROUP AND SCORE	1952	1953	1954
Group I (93-100)-----	10.8	9.2	11.4
Group II (65-92)-----	29.8	26.4	27.3
Group III (31-64)-----	30.1	32.8	31.2
Group IV (10-30)-----	26.0	27.3	27.8
Administrative acceptances <sup>1</sup> -----	3.3	4.3	2.3

<sup>1</sup> Includes registrants who failed the test but who were declared acceptable either on the basis of their education or the findings of a personal interview.

Source: Department of the Army, Office of the Surgeon General.

**NO. 273.—SELECTIVE SERVICE REGISTRANTS EXAMINED, ACCEPTED, AND DISQUALIFIED, BY STATES AND OTHER AREAS: 1954**

[In thousands. Based on results of preinduction examinations]

STATE OR OTHER AREA	REGISTRANTS			PERCENT DISTRIBUTION					
	Examined	Found acceptable	Disqualified	Found acceptable	Disqualified				
					Total	Medically disqualified only	Failed mental test only	Failed mental test and medically disqualified	Administrative disqualification
<b>Total</b> .....	387.0	226.8	160.2	58.6	41.4	22.7	13.8	2.9	2.0
<b>Continental U. S.</b> .....	368.3	216.9	151.4	58.9	41.1	23.4	12.9	2.8	2.0
Alabama.....	6.9	3.2	3.7	45.6	54.4	17.3	30.1	5.2	1.8
Arizona.....	2.7	1.4	1.3	52.5	47.5	33.7	10.0	2.4	1.4
Arkansas.....	3.7	1.9	1.8	51.5	48.5	21.7	19.3	2.7	4.8
California.....	23.1	15.4	9.7	61.3	38.7	23.5	9.6	1.4	4.2
Colorado.....	2.1	1.4	0.7	66.9	33.1	24.0	4.8	0.9	3.4
Connecticut.....	5.4	3.8	1.6	71.1	28.9	20.8	5.0	0.8	2.3
Delaware.....	1.2	0.7	0.5	61.8	38.2	21.2	9.6	4.8	2.6
Dist. of Col.....	1.3	0.7	0.6	54.5	45.5	22.6	15.6	4.1	3.2
Florida.....	7.8	4.5	3.3	57.3	42.7	17.4	21.8	2.1	1.4
Georgia.....	16.6	8.2	8.4	49.6	50.4	11.8	34.3	3.7	0.6
Idaho.....	0.9	0.6	0.3	67.8	32.2	26.5	3.6	0.7	1.4
Illinois.....	12.6	7.7	4.9	60.7	39.3	21.6	12.5	2.3	2.9
Indiana.....	8.6	5.3	3.3	61.1	38.9	30.2	5.3	1.2	2.2
Iowa.....	5.1	3.6	1.5	70.9	29.1	23.4	1.4	1.3	1.0
Kansas.....	4.1	2.7	1.4	65.1	34.9	28.5	2.5	1.1	2.8
Kentucky.....	8.5	5.3	3.2	61.9	38.1	16.7	15.6	5.3	0.5
Louisiana.....	6.7	3.1	3.6	46.5	53.5	29.7	16.7	6.0	1.1
Maine.....	1.7	1.0	0.7	59.1	40.9	31.6	3.9	2.7	2.7
Maryland.....	5.9	3.3	2.6	56.4	43.6	24.2	11.4	2.7	5.3
Massachusetts.....	9.0	6.1	2.9	68.2	31.8	22.6	4.4	1.5	3.3
Michigan.....	14.9	10.2	4.7	68.2	31.8	21.5	5.8	1.5	3.0
Minnesota.....	7.8	5.0	2.8	64.4	35.6	32.7	0.7	1.1	1.1
Mississippi.....	4.4	2.0	2.4	44.3	55.7	19.6	30.8	5.3	0.0
Missouri.....	4.9	2.4	2.5	48.0	52.0	36.2	6.1	4.8	4.9
Montana.....	1.1	0.8	0.3	69.2	30.8	26.9	2.1	1.0	0.8
Nebraska.....	1.7	1.1	0.6	63.1	36.9	30.7	3.1	0.5	2.6
Nevada.....	0.3	0.2	0.1	56.0	44.0	27.0	15.5	1.2	0.3
New Hampshire.....	0.8	0.6	0.2	74.2	25.8	19.9	3.3	2.0	0.6
New Jersey.....	12.5	9.1	3.4	72.6	27.4	18.4	7.9	0.8	0.3
New Mexico.....	1.3	0.6	0.7	49.2	50.8	36.2	10.3	3.8	0.5
New York.....	43.6	24.9	18.7	57.1	42.9	29.9	8.4	1.9	2.7
North Carolina.....	18.5	5.1	13.4	27.3	72.7	12.7	48.2	10.6	1.2
North Dakota.....	1.4	1.0	0.4	70.1	29.9	24.8	2.8	1.5	0.8
Ohio.....	21.6	16.1	5.5	74.5	25.5	16.5	5.9	1.4	1.7
Oklahoma.....	7.0	3.7	3.3	53.5	46.5	34.6	6.3	4.0	1.6
Oregon.....	1.9	1.3	0.6	67.6	32.4	29.0	1.6	0.9	0.9
Pennsylvania.....	22.0	13.9	8.1	63.3	36.7	28.6	3.7	1.8	2.6
Rhode Island.....	1.1	0.7	0.4	63.4	36.6	25.7	6.2	2.0	2.7
South Carolina.....	5.5	2.8	2.7	51.5	48.5	7.3	37.6	3.4	0.2
South Dakota.....	1.4	1.0	0.4	74.3	25.7	22.4	1.6	0.7	1.0
Tennessee.....	7.9	3.5	4.4	44.8	55.2	33.2	15.1	6.4	0.5
Texas.....	21.0	12.6	8.4	60.0	40.0	19.9	16.6	2.5	1.0
Utah.....	2.8	2.0	0.8	70.7	29.3	26.0	2.4	0.6	0.3
Vermont.....	1.3	0.9	0.4	69.5	30.5	22.1	4.2	3.1	1.1
Virginia.....	7.6	3.9	3.7	51.9	48.1	24.5	17.3	4.0	2.3
Washington.....	2.6	1.6	1.0	63.0	37.0	31.0	3.4	1.2	1.4
West Virginia.....	2.9	1.6	1.3	55.8	44.2	26.0	12.0	5.3	0.9
Wisconsin.....	11.9	7.9	4.0	66.8	33.2	28.0	2.2	1.1	1.9
Wyoming.....	0.7	0.5	0.2	69.5	30.5	25.6	2.8	0.4	1.7
<b>Outside Cont. U. S.</b> .....	18.7	9.9	8.8	52.8	47.2	8.4	32.5	5.3	1.0
Alaska.....	0.3	0.2	0.1	69.7	30.3	21.1	7.1	1.7	0.4
Guam.....	0.6	0.3	0.3	49.8	50.2	4.0	39.4	6.8	-----
Hawaii.....	1.1	0.6	0.5	54.9	45.1	28.8	9.1	3.3	3.9
Puerto Rico.....	16.6	8.7	7.9	52.3	47.7	7.0	34.4	5.5	0.8
Other.....	0.1	0.1	(1)	77.5	22.5	16.6	3.9	-----	2.0

<sup>1</sup> Less than 50.

Source: Department of the Army, Office of the Surgeon General.



# No. 274.—SUMMARY OF SELECTIVE SERVICE DATA, BY STATES AND OTHER AREAS, AS OF JUNE 30, 1954

[State allocations of registrants forwarded by Selective Service local boards for examination and induction are affected by number of voluntary enlistments and number ordered to active duty as Armed Forces reserves in addition to number deferred and eligible]

STATE OR OTHER AREA	NUMBER OF LIVING REGISTRANTS				Registrants forwarded to Armed Forces <sup>3,4</sup>	REJECTIONS <sup>3</sup>		Inductions <sup>3</sup>	Persons on active duty—net credits <sup>5</sup>
	All ages	18 to 18½	18½ to 26 <sup>1</sup>	26 and over <sup>2</sup>		Preinduction examination	Induction examination		
<b>Total</b> .....	15,598,758	429,931	9,499,977	5,668,850	4,016,925	1,524,722	99,836	1,827,460	2,932,788
<b>Continental U. S.</b> .....	15,242,314	418,705	9,236,832	5,586,777	3,855,642	1,419,297	96,705	1,769,328	2,870,540
Alabama.....	345,318	10,207	231,797	103,314	95,364	51,558	3,046	38,044	64,108
Arizona.....	76,975	2,301	49,529	25,145	20,357	8,341	332	6,493	16,475
Arkansas.....	204,440	5,387	137,401	61,152	54,580	29,889	2,425	21,105	37,627
California.....	967,598	23,632	553,189	390,777	206,637	64,844	5,080	95,132	173,720
Colorado.....	131,171	3,949	79,479	47,743	27,559	8,046	566	12,236	27,786
Connecticut.....	193,110	5,020	109,483	78,607	46,962	14,434	916	20,878	39,084
Delaware.....	31,031	897	18,630	11,504	7,784	3,047	113	3,125	4,451
Distriet of Columbia.....	71,139	1,337	38,471	31,331	15,904	6,174	289	7,729	11,631
Florida.....	251,529	7,340	159,790	84,399	60,586	24,986	1,179	26,261	54,563
Georgia.....	370,322	13,896	250,181	106,245	102,067	54,438	2,544	38,249	73,343
Idaho.....	62,340	1,838	38,717	21,785	10,576	2,875	198	6,250	12,760
Illinois.....	840,305	20,677	484,323	335,305	238,713	73,492	8,751	114,807	151,759
Indiana.....	405,068	11,045	240,210	153,813	90,144	27,303	2,180	51,449	74,163
Iowa.....	258,201	7,291	157,333	93,577	61,224	14,015	1,155	36,866	57,829
Kansas.....	191,944	5,630	116,665	69,648	43,227	9,876	1,317	21,917	40,957
Kentucky.....	325,853	10,064	209,967	105,822	96,063	44,245	2,523	39,939	64,053
Louisiana.....	287,098	9,338	183,075	94,685	87,143	48,887	2,957	29,728	48,700
Maine.....	96,035	2,510	59,732	33,793	22,070	7,547	250	9,818	23,056
Maryland.....	226,480	6,262	133,243	86,975	56,787	19,823	1,347	26,318	45,380
Massachusetts.....	446,779	10,346	255,206	181,227	84,811	24,800	1,555	42,506	101,872
Michigan.....	668,755	17,533	390,576	260,646	187,564	66,689	4,260	87,934	109,307
Minnesota.....	293,858	8,302	176,147	109,409	70,305	16,699	1,488	37,574	59,043
Mississippi.....	240,117	7,045	166,134	66,938	70,050	39,496	1,274	25,959	37,748
Missouri.....	387,240	10,543	236,341	140,356	105,671	34,804	1,970	52,838	73,591
Montana.....	58,606	1,885	35,407	21,314	12,347	3,067	205	5,703	11,077
Nebraska.....	136,940	3,753	83,218	49,969	31,500	8,181	673	19,045	28,761
Nevada.....	14,017	411	8,424	5,182	2,492	729	80	1,468	3,297
New Hampshire.....	52,273	1,772	30,480	19,661	10,093	2,628	179	4,564	12,573
New Jersey.....	458,591	10,759	263,055	184,777	125,712	36,914	1,347	58,409	77,745
New Mexico.....	73,261	2,508	46,614	24,139	16,728	6,620	516	7,960	12,032
New York City.....	754,088	15,973	428,745	309,370	259,382	103,359	8,025	108,306	121,789
New York (except New York City).....	651,051	17,906	388,699	244,456	148,163	43,228	2,805	72,683	120,180
North Carolina.....	476,412	14,998	311,677	149,737	135,311	63,158	4,437	55,671	104,513
North Dakota.....	70,295	2,076	45,172	23,047	17,649	3,761	197	9,581	14,056
Ohio.....	798,067	22,789	463,292	311,986	180,397	58,680	3,251	90,004	128,017
Oklahoma.....	238,378	6,993	151,481	79,904	46,293	14,625	1,716	24,170	42,513
Oregon.....	143,051	3,923	84,155	54,973	29,504	8,134	558	13,081	37,375
Pennsylvania.....	1,087,151	28,427	623,480	435,244	250,795	80,652	5,167	126,398	191,081
Rhode Island.....	76,059	1,936	42,502	31,621	21,733	7,685	183	8,129	16,651
South Carolina.....	241,652	7,053	161,627	72,972	75,043	46,257	2,353	26,792	43,980
South Dakota.....	70,329	2,144	46,611	21,574	18,336	4,424	277	10,579	13,630
Tennessee.....	359,222	11,088	236,234	111,900	102,387	49,026	2,785	41,094	72,329
Texas.....	825,225	22,312	521,307	281,606	173,060	61,623	7,073	84,017	152,777
Utah.....	78,132	2,496	48,540	27,096	20,062	4,749	257	9,259	13,987
Vermont.....	38,256	1,160	23,786	13,310	8,068	2,531	128	3,495	8,900
Virginia.....	348,710	11,290	217,507	119,913	98,886	47,366	2,261	40,398	69,135
Washington.....	210,588	5,402	124,015	81,171	47,543	12,961	924	19,033	42,023
West Virginia.....	232,332	6,419	146,011	79,902	57,099	22,086	1,394	27,136	48,278
Wisconsin.....	347,741	9,574	211,285	126,882	98,619	28,927	2,017	46,049	75,672
Wyoming.....	29,171	768	17,528	10,875	6,292	1,618	137	3,149	6,073
Alaska.....	9,834	261	5,870	3,703	2,082	723	69	1,380	1,307
Canal Zone.....	1,075	51	959	65	669	131	4	480	541
Guam.....	5,431	198	4,821	412	1,549	768	4	628	1,661
Hawaii.....	59,594	1,325	36,958	21,311	16,467	6,615	110	8,899	13,957
Puerto Rico.....	277,724	9,292	212,442	55,990	138,886	96,287	2,927	45,849	44,048
Virgin Islands.....	2,786	99	2,095	592	1,630	901	17	896	734

<sup>1</sup> Under amendments of June 19, 1951, to Universal Military Training and Service Act, age of military liability was extended to 35 years for certain specified kinds of registrants.

<sup>2</sup> Legally exempted registrants; no longer liable for service because of age. See also footnote 1.

<sup>3</sup> Cumulative since inception of Universal Military Training and Service Act, as amended, September 1948.

<sup>4</sup> Includes enlistments and deferments between time of preinduction examination and notice of induction.

<sup>5</sup> Cumulative net credits resulting from inductions plus home address reports minus separation reports, as reported by the Armed Forces September 1948 through June 1954. Each State is credited with its inductions as well as its enlistments and reserves called to active duty. Because of time lag in reporting to local boards, credits given for each State are not necessarily in complete accord with present strength of Armed Forces contributed by that State.

Source: Selective Service System, National Headquarters.

**No. 275.—ESTIMATED NUMBER OF VETERANS IN CIVIL LIFE, BY PERIOD OF SERVICE:  
1945 TO 1954**

[In thousands. As of June 30]

PERIOD OF SERVICE	1945	1946	1947	1948	1949	1950
<b>All veterans</b> <sup>1</sup> .....	6,498	16,655	18,262	18,745	18,943	19,076
World War II <sup>2</sup> .....	2,469	12,687	14,361	14,914	15,182	15,386
No service since June 27, 1950.....	2,469	12,687	14,361	14,914	15,182	15,386
And service since June 27, 1950.....						
Service since June 27, 1950 <sup>3</sup> .....						
No service in World War II.....						
And service in World War II.....						
World War I <sup>4</sup> .....	3,821	3,768	3,711	3,651	3,587	3,518
Other wars and Regular Establishment <sup>5</sup> .....	208	200	190	180	174	172

PERIOD OF SERVICE	1951	1952	1953	1954
<b>All veterans</b> <sup>1</sup> .....	18,889	19,288	20,138	20,850
World War II <sup>2</sup> .....	15,200	15,369	15,440	15,425
No service since June 27, 1950.....	15,050	14,827	14,712	14,574
And service since June 27, 1950.....	150	542	728	851
Service since June 27, 1950 <sup>3</sup> .....	226	921	1,963	2,897
No service in World War II.....	76	379	1,235	2,046
And service in World War II.....	150	542	728	851
World War I <sup>4</sup> .....	3,446	3,381	3,311	3,236
Other wars and Regular Establishment <sup>5</sup> .....	167	159	152	143

<sup>1</sup> Excludes persons who served in the Armed Forces only in peacetime (Regular Establishment) unless they are receiving Veterans Administration compensation for service-connected disability. A small but unknown number of persons with service in two or more periods prior to June 27, 1950, are included more than once. Veterans with service both in World War II and since June 27, 1950, are counted only once.

<sup>2</sup> Estimated cumulative returns to civil life since September 16, 1940, of all persons who served in the Armed Forces of the United States at any time through July 25, 1947 (including persons who served both in that period and since June 27, 1950), less estimated deaths out of service and less estimated returns to active duty from civil life.

<sup>3</sup> Estimated cumulative returns to civil life since June 27, 1950, of all persons who served in the Armed Forces of the United States since that date (including persons who had also served in World War II), less estimated deaths out of service and less estimated returns to active duty from civil life.

<sup>4</sup> Estimated by application of appropriate survival rates to the 1918 age distribution of World War I participants.

<sup>5</sup> Includes veterans of Civil War, Indian Wars, Spanish-American War. Only former members of Regular Establishment (peacetime service only) who are receiving Veterans Administration compensation for service-connected disability are included. Spanish-American War totals estimated by application of appropriate survival rates to the 1902 age distribution of living Spanish-American War participants.

Source: Veterans Administration, records.



## No. 276.—EXPENDITURES OF VETERANS' ADMINISTRATION AND PREDECESSOR ORGANIZATIONS

[In thousands of dollars]

YEAR ENDING JUNE 30—	Total <sup>1</sup>	COMPENSATION AND PENSIONS						Mili- tary and naval insur- ance	U. S. Govern- ment Life In- surance fund
		Civil War	Spanish- Ameri- can War	World War I	World War II	Other wars <sup>2</sup>	Regular Estab- lishment		
<b>Total</b> .....	88,314,185	8,183,441	3,534,217	10,634,207	10,756,987	501,075	693,560	2,292,977	1,621,651
To 1939.....	23,610,934	8,006,583	1,412,176	3,838,832	-----	274,242	170,862	2,127,400	378,378
1940.....	639,127	27,790	127,427	254,846	-----	3,278	15,812	19,602	69,813
1941.....	614,357	23,174	127,357	261,940	-----	2,989	17,669	15,391	55,827
1942.....	647,730	19,525	125,674	263,871	201	2,734	19,294	15,491	44,481
1943.....	656,256	16,553	122,989	270,957	6,591	2,471	22,812	14,489	39,815
1944.....	828,392	13,895	125,056	268,269	61,668	2,279	23,207	10,293	44,719
1945.....	2,271,318	11,874	142,797	312,244	238,428	2,301	24,900	19,756	32,273
1946.....	4,772,072	10,417	139,342	345,510	694,242	2,125	24,061	15,385	48,594
1947.....	7,805,355	9,035	145,130	436,665	1,110,033	1,960	29,156	11,105	56,095
1948.....	7,184,961	9,019	165,098	471,952	1,143,095	1,922	29,605	8,316	<sup>3</sup> 295,699
1949.....	7,076,749	7,888	162,583	513,888	1,165,292	1,876	39,762	7,386	56,363
1950.....	9,752,983	6,823	156,158	572,594	1,223,182	1,674	49,037	6,765	113,603
1951.....	5,937,501	6,930	149,624	619,167	1,202,734	1,798	55,740	5,950	59,353
1952.....	6,135,417	5,133	144,288	651,210	1,228,565	22,133	54,647	5,178	83,953
1953.....	5,098,458	4,713	147,343	754,173	1,347,768	63,485	58,827	5,423	90,498
1954.....	5,282,575	4,089	141,175	798,089	1,335,188	113,808	58,169	5,047	152,187

YEAR ENDING JUNE 30—	NATIONAL SERVICE LIFE INSURANCE		Adjusted service certifi- cates <sup>6</sup>	READJUSTMENT BENEFITS (Public Law 346)			Hospital and domi- ciliary facilities (construc- tion and related costs) <sup>8</sup>	Admin- istration and other benefits <sup>9</sup>	All other <sup>10</sup>
	Appro- priation <sup>4</sup>	Trust fund <sup>5</sup>		Total <sup>7</sup>	Educa- tion and training	Loan guar- anty			
<b>Total</b> .....	4,570,539	7,306,767	3,817,403	18,705,907	14,378,108	522,730	999,442	9,353,592	5,342,420
To 1939.....	-----	-----	3,739,878	-----	-----	-----	117,002	1,097,051	2,448,530
1940.....	-----	-----	9,235	-----	-----	-----	13,638	94,456	3,230
1941.....	-----	7	2,657	-----	-----	-----	4,541	99,545	3,260
1942.....	396	960	43,227	-----	-----	-----	4,045	104,696	3,135
1943.....	31,146	6,549	997	-----	-----	-----	2,720	114,662	3,505
1944.....	102,429	33,898	1,648	-----	-----	-----	4,851	130,980	5,200
1945.....	1,117,548	136,847	11,223	32,205	8,693	-----	15,801	159,559	13,562
1946.....	1,380,001	285,910	3,820	1,356,699	350,561	5,229	34,313	384,350	47,303
1947.....	828,473	265,816	1,075	3,645,701	2,122,292	75,493	153,880	882,129	229,102
1948.....	142,507	<sup>11</sup> 374,868	908	3,240,494	2,498,884	64,354	16,980	911,089	373,409
1949.....	87,405	339,453	614	3,253,492	2,703,863	40,037	124,024	941,186	375,537
1950.....	473,581	2,980,657	576	2,792,590	2,595,728	58,671	151,532	901,988	313,223
1951.....	44,310	542,045	356	2,041,827	1,943,341	90,108	103,878	864,570	239,219
1952.....	204,430	1,014,078	295	1,403,834	1,325,403	73,355	113,011	898,264	306,398
1953.....	84,656	629,390	202	646,888	581,561	65,843	<sup>12</sup> 88,183	864,146	312,763
1954.....	73,657	687,289	692	292,177	247,782	44,640	51,043	904,921	665,044

<sup>1</sup> \$74,650,534,000 was paid from appropriations and \$13,663,652,000 from trust and working funds.<sup>2</sup> War of the Revolution, \$70,000,000; War of 1812, \$46,218,391; Indian Wars, \$110,276,267; Mexican Wars, \$61,775,918; unclassified, \$16,513,426; Korean Conflict, \$196,019,635; \$271,489 for participants in yellow fever experiments, 1932-54.<sup>3</sup> Includes a cumulative adjustment for prior years of \$225,715,729.<sup>4</sup> Amount transferred by voucher to NSLI trust fund for payment of claims traceable to extra bazzards of military or naval service and certain direct payments.<sup>5</sup> Includes special dividend as follows: 1950, \$2,634,537,050; 1951, \$221,619,914; 1952, \$556,362,479; 1953, \$188,160,901; 1954, \$211,977,217.<sup>6</sup> Includes amounts reimbursed to U. S. Government Life Insurance fund on account loans made from that fund.<sup>7</sup> Includes \$3,805,068,907 in readjustment allowances for unemployment and self-employment.<sup>8</sup> Includes expenditures from funds allotted under National Recovery Act of 1933, Public Works Administration Act of 1938 and Grants to Republic of Philippines for construction and equipping of hospitals for fiscal years 1952, \$200,000; 1953, \$401,761; 1954, \$1,498,589. Also includes \$436,623,692 transferred to the Department of the Army, Corps of Engineers, for the construction of hospitals as follows: 1946, \$7,500,000; 1947, \$135,250,000; 1949, \$90,000,000; 1950, \$100,000,000; 1951, \$42,573,692; 1952, \$40,000,000; and 1953, \$21,300,000.<sup>9</sup> Includes salaries and other administrative costs. Also includes fees for counseling of veterans; partial benefit payments made under Public Laws 16 and 346 for fiscal years 1944-47; reimbursement to States for administrative expenses, and expenditures under Federal Tort Claims Act. Medical, hospital, and domiciliary services costs included beginning fiscal year 1932; expenditures for State and Territorial Homes included beginning 1934.<sup>10</sup> Includes expenditures for medical, hospital, and domiciliary services prior to fiscal year 1934; payments for subsistence, tuition, supplies, and equipment under Public Laws 16 and 894; burial allowances; homes for paraplegics; automobiles and other conveyances for disabled veterans; vocational training (World War I); allotments and allowances; marine and seamen's insurance; operation of Civil Service and Canal Zone retirements and disability systems to August 31, 1934; Servicemen's Indemnities; Veterans' Special Term Insurance; Service Disabled Veterans' Insurance; education and training allowance under Public Law 550; direct loans to veterans' supply fund; and other miscellaneous expenditures.<sup>11</sup> Includes adjustment for prior years of \$69,935,268. <sup>12</sup> Includes adjustment for prior years of \$27,409Source: Veterans Administration, *Annual Report of Administrator of Veterans Affairs*.

## No. 277.—ESTIMATED DISTRIBUTION OF SELECTED FEDERAL EXPENDITURES FOR VETERANS, BY STATES: 1954

[In thousands of dollars. For year ending June 30]

STATE OR OTHER AREA	Total expenditures <sup>1</sup>	Compensation and pensions <sup>2</sup>	National Service Life Insurance (death benefits)	Vocational rehabilitation (Public Laws 16 and 894)	READJUSTMENT BENEFITS (Public Law 346)		Administration and other benefits	Hospital and domiciliary facilities (construction and related costs)
					Education and training	Loan guaranty		
<b>Total</b> .....	<b>3 4, 472, 266</b>	<b>3 2, 450, 518</b>	<b>397, 905</b>	<b>41, 294</b>	<b>247, 782</b>	<b>44, 640</b>	<b>904, 921</b>	<b>51, 043</b>
<b>Continental U. S.</b> .....	<b>3 4, 342, 765</b>	<b>3 2, 368, 706</b>	<b>381, 973</b>	<b>40, 996</b>	<b>243, 448</b>	<b>44, 602</b>	<b>891, 940</b>	<b>48, 047</b>
Alabama.....	101, 829	51, 648	7, 125	1, 352	9, 632	1, 032	18, 876	452
Arizona.....	31, 397	17, 637	2, 235	355	997	196	7, 890	95
Arkansas.....	65, 661	34, 797	4, 618	1, 167	6, 768	235	13, 515	216
California.....	359, 685	195, 712	29, 461	2, 693	15, 299	5, 416	69, 467	11, 203
Colorado.....	55, 432	25, 261	3, 864	887	3, 821	329	16, 815	400
Connecticut.....	50, 060	29, 113	5, 212	333	1, 386	637	9, 184	353
Delaware.....	8, 429	4, 397	691	32	105	277	2, 398	22
Dist. of Columbia.....	99, 071	19, 351	1, 841	361	2, 881	300	64, 342	5, 392
Florida.....	107, 866	64, 114	7, 088	943	8, 869	1, 257	15, 246	2, 070
Georgia.....	102, 049	50, 087	7, 662	924	10, 769	1, 132	19, 180	1, 886
Idaho.....	16, 434	9, 011	1, 731	380	1, 236	67	2, 726	25
Illinois.....	209, 030	106, 359	22, 286	1, 125	8, 658	1, 195	51, 177	2, 309
Indiana.....	92, 094	52, 717	9, 799	919	6, 809	377	14, 658	655
Iowa.....	69, 095	35, 712	6, 766	899	6, 934	375	13, 950	416
Kansas.....	55, 122	27, 573	5, 302	476	3, 316	265	15, 205	217
Kentucky.....	87, 579	55, 099	7, 777	1, 054	4, 253	152	13, 116	688
Louisiana.....	74, 626	42, 019	5, 346	627	6, 101	450	12, 111	144
Maine.....	24, 742	14, 972	2, 574	137	393	278	5, 133	2
Maryland.....	56, 437	32, 331	5, 292	170	1, 639	1, 120	12, 982	77
Massachusetts.....	166, 156	99, 189	13, 057	1, 213	5, 024	3, 427	31, 509	3, 657
Michigan.....	143, 440	87, 145	14, 512	1, 394	5, 627	1, 305	23, 034	1, 160
Minnesota.....	97, 307	50, 412	8, 109	1, 132	5, 895	985	22, 585	674
Mississippi.....	65, 035	33, 969	4, 473	938	7, 305	258	11, 532	46
Missouri.....	108, 300	60, 513	9, 624	1, 748	8, 987	852	16, 320	1, 424
Montana.....	17, 435	9, 608	1, 803	205	1, 636	44	3, 003	23
Nebraska.....	36, 538	17, 201	3, 479	620	4, 019	116	7, 413	48
Nevada.....	4, 840	2, 612	381	26	130	23	1, 465	3
New Hampshire.....	14, 205	8, 578	1, 533	186	437	307	2, 211	3
New Jersey.....	111, 685	69, 168	12, 437	519	2, 900	2, 977	18, 020	338
New Mexico.....	24, 476	12, 843	2, 395	160	882	126	5, 891	64
New York.....	385, 394	218, 093	34, 928	2, 936	17, 660	6, 153	80, 041	2, 099
North Carolina.....	100, 194	51, 402	8, 812	866	7, 878	437	18, 076	2, 234
North Dakota.....	18, 220	7, 245	1, 776	467	3, 533	116	3, 238	2
Ohio.....	199, 820	126, 921	19, 190	1, 755	6, 644	1, 252	31, 077	1, 434
Oklahoma.....	71, 444	41, 024	6, 277	1, 254	4, 884	901	8, 362	716
Oregon.....	43, 812	24, 376	3, 947	261	2, 540	174	9, 403	114
Pennsylvania.....	281, 983	161, 004	29, 680	2, 232	11, 428	3, 200	54, 565	881
Rhode Island.....	23, 884	13, 839	2, 088	263	676	468	4, 588	60
South Carolina.....	47, 961	26, 344	4, 663	321	4, 586	570	5, 932	394
South Dakota.....	20, 872	8, 198	1, 742	134	1, 594	70	6, 980	60
Tennessee.....	104, 951	53, 937	8, 298	1, 265	5, 992	690	25, 454	254
Texas.....	249, 408	139, 953	20, 024	2, 993	15, 430	2, 454	43, 370	4, 576
Utah.....	22, 880	9, 369	1, 998	165	2, 234	90	5, 690	227
Vermont.....	10, 969	6, 025	1, 062	131	549	190	2, 319	34
Virginia.....	83, 199	43, 385	7, 942	650	4, 004	458	20, 527	609
Washington.....	71, 021	38, 111	6, 090	561	3, 224	1, 039	16, 233	32
West Virginia.....	53, 358	31, 394	5, 781	604	1, 285	210	10, 980	42
Wisconsin.....	86, 741	44, 957	8, 340	1, 069	5, 683	594	19, 994	277
Wyoming.....	10, 688	4, 070	862	94	916	26	4, 157	---
U. S. Territories and possessions.....	42, 442	18, 445	1, 924	290	1, 478	38	9, 837	---
Foreign countries.....	87, 059	63, 367	14, 008	8	2, 856	---	3, 144	2, 996

<sup>1</sup> Includes \$334,163,000 for expenditures not shown separately. Excludes \$810,309,000 not allocable by States.  
<sup>2</sup> Compensation or pension benefits paid to living veterans and dependents of deceased veterans, including certain retirement pay.

<sup>3</sup> Includes undistributed credit of \$88,979 for Retired Reserve Officers.

Source: Veterans Administration, *Annual Report of Administrator of Veterans Affairs*.



# No. 278.—VETERANS' COMPENSATION AND PENSION BENEFITS—NUMBER ON ROLLS AND EXPENDITURES FOR BENEFITS: 1866 TO 1954

[Includes compensation and pension benefits paid to dependents of deceased veterans, as well as living veterans' pensions, retirement pay, and disability benefits]

JUNE 30 OR YEAR ENDING JUNE 30—	VETERANS ON ROLLS			Expend- itures <sup>1</sup> (\$1,000)	JUNE 30 OR YEAR ENDING JUNE 30—	VETERANS ON ROLLS			Expend- itures <sup>1</sup> (\$1,000)
	Total	Living	De- ceased			Total	Living	De- ceased	
1866.....	126,722	55,652	71,070	15,450	1931.....	1,079,987	790,782	289,205	488,389
1870.....	198,686	87,521	111,165	29,351	1932.....	1,278,046	994,351	283,695	545,777
1875.....	234,821	122,989	111,832	29,270	1933.....	1,270,667	997,918	272,749	550,559
1880.....	250,802	145,410	105,392	56,689	1934.....	838,855	581,225	257,630	321,377
1885.....	345,125	247,146	97,979	65,172	1935.....	838,937	585,955	252,982	374,407
1890.....	537,944	415,654	122,290	106,094	1936.....	852,032	600,562	251,470	398,992
1895.....	970,524	751,456	219,068	139,812	1937.....	841,937	598,510	243,427	396,030
1900.....	993,529	752,510	241,019	138,462	1938.....	836,953	600,848	236,105	402,769
1905.....	998,441	717,761	280,680	141,143	1939.....	842,431	602,757	239,674	416,704
1910.....	921,083	602,622	318,461	159,974	1940.....	849,298	610,122	239,176	429,138
1915.....	748,147	437,723	310,424	165,518	1941.....	856,441	618,926	237,515	433,114
1917.....	673,111	370,147	302,964	160,895	1942.....	859,694	623,659	236,035	431,284
1918.....	649,497	341,632	307,865	180,177	1943.....	860,080	621,572	238,508	442,360
1919.....	673,832	338,216	335,616	233,461	1944.....	1,066,920	813,469	253,451	494,364
1920.....	769,543	419,627	349,916	316,418	1945.....	1,513,586	1,144,088	369,498	732,535
1921.....	768,572	422,691	345,881	380,026	1946.....	2,631,981	2,130,353	501,628	1,215,688
1922.....	772,379	430,942	341,437	377,158	1947.....	2,920,765	2,354,297	566,468	1,731,973
1923.....	778,180	436,776	341,404	388,607	1948.....	2,918,325	2,315,039	603,286	1,820,685
1924.....	762,547	427,153	335,394	345,490	1949.....	2,949,133	2,313,545	635,588	1,891,283
1925.....	790,139	456,530	333,609	346,748	1950.....	3,026,361	2,368,238	658,123	2,009,462
1926.....	807,088	472,623	334,465	372,281	1951.....	3,056,178	2,373,577	682,601	2,035,988
1927.....	816,380	489,805	326,575	403,630	1952.....	3,124,828	2,417,998	706,830	2,105,973
1928.....	834,364	516,566	317,798	410,765	1953.....	3,253,584	2,505,834	747,750	2,376,307
1929.....	831,964	525,961	306,003	418,821	1954.....	3,368,399	2,590,411	777,988	2,450,518
1930.....	840,833	542,610	298,223	418,433					

DESCRIPTION	VETERANS ON ROLLS, JUNE 30 <sup>2</sup>						AVERAGE PAYMENT RATE, JUNE 30 (annual basis) <sup>3</sup>					
	1930	1940	1945	1950	1953	1954	1930	1940	1945	1950	1953	1954
All wars.....	840,833	849,298	1,513,586	3,026,361	3,253,584	3,368,399	\$475	\$498	\$548	\$669	\$719	\$720
Living.....	542,610	610,122	1,144,088	2,368,238	2,505,834	2,590,411	514	510	546	646	701	705
Deceased.....	298,223	239,176	369,493	658,123	747,750	777,988	404	467	553	750	779	771
War of 1812: Deceased.....	10	1	1				540	240	240			
War with Mexico: Deceased.....	630	130	55	24	12	10	586	580	576	536	492	470
Indian Wars.....	9,645	6,271	3,788	2,329	1,679	1,524	446	492	570	682	725	713
Living.....	5,454	2,216	1,115	530	278	226	513	736	843	1,136	1,344	1,351
Deceased.....	4,191	4,055	2,673	1,799	1,401	1,298	359	358	456	548	602	602
Civil War.....	216,692	52,522	24,750	11,147	7,730	6,893	542	489	459	539	597	597
Living.....	49,018	2,381	229	15	1	1	852	1,162	1,188	1,392	1,548	1,548
Deceased.....	167,674	50,141	24,521	11,132	7,729	6,892	452	457	452	538	596	597
Spanish-American War.....	217,730	216,950	200,059	171,608	154,128	148,369	389	582	707	868	906	893
Living.....	186,811	159,230	128,104	91,984	72,447	66,315	389	660	861	1,106	1,207	1,209
Deceased.....	30,919	57,720	71,955	79,624	81,681	82,054	389	367	433	593	639	639
Regular Estab- lishment.....	19,491	46,177	56,591	71,235	80,987	81,728	232	362	437	673	714	703
Living.....	15,661	36,051	42,925	53,765	62,207	63,115	235	378	430	631	678	668
Deceased.....	3,830	10,126	13,666	17,470	18,780	18,613	219	304	457	802	833	823
World War I.....	376,635	527,247	587,589	805,035	958,813	1,014,453	499	477	545	719	786	788
Living.....	285,666	410,244	425,589	520,925	632,312	670,333	553	459	545	777	858	864
Deceased.....	90,969	117,003	162,000	284,110	326,501	344,120	331	538	546	613	645	638
World War II.....			640,753	1,964,983	1,966,490	1,972,636			514	631	666	664
Living.....			546,126	1,701,019	1,675,230	1,676,995			482	581	617	617
Deceased.....			94,627	263,964	291,260	295,641			698	953	946	931
Public Law 28, 82d Congress <sup>4</sup> .....					83,745	142,786					865	853
Living.....					63,359	113,426					786	788
Deceased.....					20,386	29,360					1,112	1,104

<sup>1</sup> Beginning 1944, excludes any increased compensation for vocational rehabilitation subsistence allowance under Public Laws 16 and 894.

<sup>2</sup> For expenditures by wars, see table 276.

<sup>3</sup> Averages calculated by dividing total annual value of benefits, as of June 30, by number on rolls.

<sup>4</sup> Veterans with service on or after June 27, 1950.

Source: Veterans Administration, *Annual Report of Administrator of Veterans Affairs*.

No. 279.—U. S. GOVERNMENT LIFE INSURANCE AND NATIONAL SERVICE LIFE INSURANCE IN FORCE, BY PLAN, AS OF JUNE 30, 1954

[Amounts in thousands of dollars. Veterans Administration operates two insurance programs: (1) United States Government Life Insurance for veterans of World War I; and (2) National Service Life Insurance for veterans of World War II and later. These two programs are segregated and administered separately in all particulars]

PLAN	UNITED STATES GOVERNMENT LIFE INSURANCE		NATIONAL SERVICE LIFE INSURANCE							
			Fund <sup>1</sup>		Appropriation <sup>2</sup>		Service-disabled veterans fund <sup>3</sup>		Veterans special term fund <sup>4</sup>	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount
Total.....	415, 061	1, 801, 002	5, 944, 889	39, 522, 381	7, 633	42, 115	6, 215	52, 137	157, 018	1, 384, 442
5-year term.....	22, 995	146, 915	3, 819, 473	29, 467, 281	4, 079	26, 012	3, 575	31, 866	157, 018	1, 384, 442
Ordinary life.....	134, 764	681, 483	402, 162	2, 295, 925	1, 113	5, 795	854	6, 976	-----	-----
20-payment life.....	170, 172	629, 186	978, 183	4, 181, 372	1, 152	4, 633	977	7, 246	-----	-----
30-payment life.....	24, 837	127, 798	390, 355	2, 047, 701	476	2, 233	575	4, 416	-----	-----
20-year endowment.....	18, 290	45, 565	153, 514	546, 170	369	1, 280	88	510	-----	-----
30-year endowment.....	11, 844	54, 313	-----	-----	-----	-----	-----	-----	-----	-----
Endowment at age 60.....	-----	-----	89, 091	478, 404	191	911	79	576	-----	-----
Endowment at age 62.....	18, 807	89, 146	-----	-----	-----	-----	-----	-----	-----	-----
Endowment at age 65.....	-----	-----	50, 806	295, 742	102	566	59	482	-----	-----
Extended insurance.....	9, 955	19, 542	59, 587	208, 055	150	684	8	65	-----	-----
Paid-up insurance.....	3, 397	7, 054	1, 718	1, 731	1	1	-----	-----	-----	-----

<sup>1</sup> Fund is administered as a trust fund for benefit of policyholders and their beneficiaries. All premiums collected on insurance issued and all interest earned thereon are paid into the fund; disbursements are made from the fund for death claims, dividends, and other benefits. Government, however, bears cost of administration of this fund in addition to expenses for certain types of losses.

<sup>2</sup> Nonparticipating insurance for disabled veterans for whom good health provisions are waived because of disabilities resulting from active service between October 8, 1940, and September 2, 1945.

<sup>3</sup> For veterans discharged on or after April 25, 1951, with service-connected disability which would be compensable, if 10 percent or more in degree.

<sup>4</sup> For veterans who were entitled to indemnity protection under the Servicemen's Indemnity Act of 1951 and who were ordered to active service for a period in excess of 30 days; no medical examination required. Issued only on the 5-year renewable nonconvertible term plan.

Source: Veterans Administration, *Annual Report of Administrator of Veterans Affairs* and records.

No. 280.—U. S. GOVERNMENT LIFE INSURANCE IN FORCE: 1921 TO 1954

[Amounts in thousands of dollars. U. S. Government Life Insurance is granted to veterans of World War I (including those now serving with land, air, and naval forces) upon application, payment of premiums, and satisfactory proof of good health. No person may carry a combined amount of insurance with the government in excess of \$10,000 at any one time]

JUNE 30—	INSURANCE POLICIES		JUNE 30—	INSURANCE POLICIES		JUNE 30—	INSURANCE POLICIES	
	Number	Amount		Number	Amount		Number	Amount
1921.....	651, 054	3, 849, 376	1944.....	578, 641	2, 494, 900	1950.....	484, 793	2, 116, 060
1925.....	552, 340	2, 865, 029	1945.....	567, 941	2, 454, 864	1951.....	470, 257	2, 055, 684
1930.....	648, 248	3, 042, 743	1946.....	551, 823	2, 390, 154	1952.....	448, 827	1, 952, 637
1935.....	590, 865	2, 605, 400	1947.....	531, 053	2, 310, 344	1953.....	430, 589	1, 870, 007
1940.....	609, 094	2, 565, 327	1948.....	513, 263	2, 237, 325	1954.....	415, 061	1, 801, 002
1943.....	586, 631	2, 499, 656	1949.....	500, 784	2, 182, 181	-----	-----	-----

Source: Veterans Administration, *Annual Report of Administrator of Veterans Affairs* and records.



# No. 281.—VETERANS RECEIVING HOSPITAL OR DOMICILIARY CARE AUTHORIZED BY VETERANS ADMINISTRATION: 1932 TO 1954

[During fiscal year 1954, 4,104,703 visits were made by veterans to staff or fee physicians for out-patient medical care. On June 30, 1954, 8,300 veterans were domiciled in State and Territorial homes. For each person, Federal Government reimbursed these States at rate of \$120 per year through August 1939, \$240 per year through December 17, 1943, \$300 per year through May 31, 1948, and \$500 per year thereafter]

YEAR ENDING JUNE 30—	Total receiving hospital or domi- ciliary care at end of year	VETERANS RECEIVING HOSPITAL TREAT- MENT, ALL FACILITIES AND HOSPITALS <sup>1</sup>					Veter- ans re- ceiving domi- ciliary care at end of year	VETERANS ADMINISTRATION FACILITIES					
		Patients remaining at end of year				Average daily patients		Hospital <sup>2</sup>			Domiciliary		
		Total	Tuber- culosis	Neuro- psychi- atric	General			Average daily patients	Average daily patients	Oper- ating ex- penses (1,000 dollars)	Per diem cost (dol- lars) <sup>3</sup>	Average daily domi- ciliary care	Oper- ating ex- penses (1,000 dollars)
1932-----	62, 255	43, 567	6, 499	20, 160	16, 908	42, 448	18, 688	25, 046	31, 996	3.44	-----	-----	
1935-----	51, 922	42, 599	5, 134	23, 358	14, 107	41, 172	9, 323	39, 030	39, 856	2.78	10, 406	3, 936	
1937-----	57, 180	46, 142	4, 789	26, 394	14, 959	44, 942	11, 038	41, 939	43, 252	2.81	10, 364	4, 233	
1938-----	64, 924	50, 670	4, 857	29, 267	16, 546	49, 004	14, 254	45, 639	44, 204	2.65	13, 514	4, 872	
1939-----	69, 287	53, 861	4, 913	31, 190	17, 758	52, 805	15, 426	49, 147	45, 651	2.68	15, 709	5, 218	
1940-----	73, 114	56, 596	4, 644	33, 016	18, 936	56, 304	16, 518	52, 409	49, 921	2.60	16, 708	5, 546	
1941-----	72, 138	58, 160	4, 637	34, 508	19, 015	58, 475	13, 978	54, 582	55, 444	2.78	16, 696	5, 670	
1942-----	67, 646	56, 073	4, 900	34, 659	16, 514	57, 880	11, 573	54, 636	59, 055	2.96	14, 371	5, 836	
1943-----	65, 638	56, 641	4, 974	36, 369	15, 298	56, 072	8, 997	53, 470	65, 684	3.37	10, 430	5, 589	
1944-----	72, 376	63, 800	6, 190	40, 382	17, 228	61, 305	8, 576	58, 338	72, 111	3.38	9, 447	5, 427	
1945-----	80, 008	71, 229	6, 732	44, 636	19, 861	68, 276	8, 779	64, 317	80, 324	3.42	9, 002	5, 175	
1946-----	96, 889	85, 837	8, 103	49, 399	28, 335	78, 326	11, 052	71, 493	136, 249	5.22	10, 547	7, 653	
1947-----	117, 901	104, 443	12, 490	53, 952	38, 001	98, 146	13, 458	85, 623	271, 110	8.67	13, 064	12, 476	
1948-----	117, 851	103, 576	13, 045	54, 790	35, 741	105, 881	14, 275	92, 534	307, 723	9.05	14, 387	13, 879	
1949-----	123, 340	107, 073	14, 810	55, 150	37, 113	106, 986	16, 267	94, 539	353, 441	10.24	15, 288	16, 987	
1950-----	118, 997	102, 303	14, 361	54, 419	33, 523	108, 038	16, 694	96, 640	384, 628	10.90	16, 831	18, 704	
1951-----	116, 796	100, 517	15, 067	53, 133	32, 317	104, 391	16, 279	96, 305	409, 791	11.66	16, 775	19, 567	
1952-----	120, 484	103, 774	15, 645	53, 818	34, 311	105, 110	16, 710	98, 024	474, 897	13.24	16, 876	22, 476	
1953-----	118, 952	102, 323	14, 317	51, 782	36, 224	104, 482	16, 629	97, 975	486, 212	13.61	16, 877	22, 261	
1954-----	125, 097	108, 357	14, 416	54, 060	39, 881	108, 944	16, 740	103, 491	530, 570	14.05	16, 851	19, 665	

<sup>1</sup> Includes Veterans Administration beneficiaries cared for in Army, Navy, other Federal, and State and civil (contract) hospitals.

<sup>2</sup> Includes hospitals operated in connection with Veterans Administration domiciliaries.

<sup>3</sup> Excludes hospitals operated for only part of year under unusual conditions.

<sup>4</sup> Excludes tuberculosis patients (1,317 in 1953; 1,524 in 1954) occupying beds in surgical and physical medicine rehabilitation bed sections of VA hospitals.

Source: Veterans Administration, *Annual Report of Administrator of Veterans Affairs* and records.

# No. 282.—VETERANS ADMINISTRATION PATIENTS RESIDENT IN VA AND NON-VA HOSPITALS: 1952 AND 1953

[Figures are as of the end of the month. Based on a 50-percent sample of VA patient load in VA and non-VA hospitals]

PATIENTS' COMPENSATION AND PENSION STATUS <sup>1</sup>			
	Jan. 1952	Jan. 1953	Nov. 1953
All patients-----	108,292	104,820	109,964
Treated for service-connected disabilities (group 1)-----	38,584	39,202	41,400
Treated for nonservice-connected disabilities only but with compensable service-connected disabilities (group 2)-----	12,342	10,292	8,558
Treated for chronic nonservice-connected disabilities <sup>2</sup> (group 3)-----	34,426	33,866	37,458
Treated for presumed nonchronic, nonservice-connected disabilities, <sup>3</sup> and—			
In receipt of, or filed for, VA pension (group 4)-----	9,184	9,026	9,766
Filed claim for VA compensation (group 5)-----	1,198	1,152	1,452
Filed no claim for VA compensation or pension (group 6)-----	11,656	10,230	10,390
Status unknown (group 7)-----	268	234	58
Nonveterans (group 8)-----	634	818	882

<sup>1</sup> Groups are mutually exclusive. Patients who possess the characteristics of more than one group are included only in that group with the lowest group number.

<sup>2</sup> Includes veterans hospitalized for 90 days or more for nonservice-connected psychoses or tuberculosis, and for the treatment of other nonservice-connected disabilities.

<sup>3</sup> Includes veterans hospitalized for less than 90 days for nonservice-connected other psychiatric, nervous system, and general medical and surgical disabilities.

Source: Veterans Administration, *Annual Report of Administrator of Veterans Affairs* and records.

# No. 283.—VETERANS RECEIVING VOCATIONAL TRAINING AND EDUCATION: 1952 TO 1954

STATUS	1952		1953		1954		
	June 30	Dec. 31	June 30	Dec. 31	Mar. 31	June 30	Sept. 30
<b>Vocational rehabilitation program: <sup>1</sup></b>							
Applications received <sup>2</sup> .....	1, 199, 403	1, 213, 758	1, 229, 676	1, 246, 761	1, 256, 310	1, 265, 695	1, 276, 129
In training.....	36, 426	33, 057	22, 560	25, 770	25, 742	20, 904	21, 131
School.....	11, 214	14, 723	8, 324	14, 313	15, 437	10, 967	11, 737
Institutional on-farm.....	16, 529	11, 578	8, 317	5, 808	4, 837	4, 569	4, 135
Job.....	8, 683	6, 756	5, 919	5, 649	5, 468	5, 368	5, 259
Rehabilitated <sup>2</sup> .....	321, 172	333, 833	349, 444	356, 309	359, 650	363, 250	365, 941
<b>Education and training program: <sup>3</sup></b>							
Applications received <sup>2</sup> .....	10,238,529	10,243,814	10,576,878	10,792,342	10,931,368	11,040,925	11,233,230
In training.....	741, 901	699, 245	416, 637	605, 307	608, 741	354, 455	362, 041
School.....	508, 036	535, 993	280, 650	490, 737	501, 331	245, 291	257, 799
Institutional on-farm.....	169, 808	121, 791	87, 587	62, 411	53, 219	52, 337	47, 350
Job.....	64, 057	41, 461	48, 400	52, 159	54, 191	56, 827	56, 892

<sup>1</sup> Authorized under Public Law 16, 78th Congress, and Public Law 894, 81st Congress.

<sup>2</sup> Cumulative from inception of program.

<sup>3</sup> Authorized under Public Law 346, 78th Congress, and Public Law 550, 82d Congress.

Source: Veterans Administration, *Annual Report of Administrator of Veterans Affairs* and records.

# No. 284.—VETERANS' GUARANTEED AND INSURED LOANS—NUMBER AND AMOUNT OF LOANS CLOSED, BY TYPE OF LOAN, NOVEMBER 1944 TO DECEMBER 1954

[Amounts in thousands of dollars. Cumulative totals may not equal sum of monthly figures because of adjustments]

PERIOD OR MONTH ENDING	TOTAL			HOME		FARM		BUSINESS	
	Number	Amount of loans	Amount of guaranty and insurance	Number	Amount of loans	Number	Amount of loans	Number	Amount of loans
<b>Cumulative:</b>									
To Dec. 29, 1945.....	49, 219	<sup>1</sup> 212, 512	80, 557	44, 731	<sup>1</sup> 198, 913	1, 064	<sup>1</sup> 3, 585	3, 424	<sup>1</sup> 10, 014
To Dec. 25, 1946.....	517, 980	2, 697, 440	1, 250, 028	455, 293	2, 494, 547	18, 202	66, 844	44, 485	136, 049
To Dec. 25, 1947.....	1, 117, 879	6, 183, 772	2, 891, 490	996, 510	5, 777, 068	37, 995	144, 609	83, 374	262, 095
To Dec. 25, 1948.....	1, 495, 669	8, 161, 134	3, 857, 795	1, 346, 075	7, 653, 976	48, 403	186, 614	101, 191	320, 544
To Dec. 25, 1949.....	1, 789, 402	9, 634, 546	4, 600, 870	1, 622, 867	9, 077, 565	53, 349	204, 147	113, 186	352, 834
To Dec. 25, 1950.....	2, 303, 975	12, 759, 732	6, 281, 187	2, 120, 463	12, 150, 993	58, 507	223, 554	125, 005	385, 185
To Dec. 25, 1951.....	2, 797, 469	16, 472, 960	8, 426, 331	2, 567, 836	15, 765, 472	62, 137	239, 574	167, 496	467, 914
To Dec. 25, 1952.....	3, 136, 518	19, 263, 626	10, 029, 030	2, 874, 302	18, 483, 391	64, 082	247, 466	198, 134	532, 769
To Dec. 25, 1953.....	3, 472, 495	22, 364, 453	11, 818, 003	3, 196, 355	21, 544, 308	65, 533	253, 730	210, 607	566, 415
<b>1954:</b>									
Jan. 25.....	25, 431	249, 904	144, 303	24, 723	247, 561	126	573	582	1, 770
Feb. 25.....	27, 218	270, 426	155, 591	26, 504	268, 144	121	582	593	1, 700
Mar. 25.....	23, 073	228, 092	131, 103	22, 358	225, 681	162	816	553	1, 595
Apr. 25.....	25, 963	252, 381	144, 365	24, 961	249, 214	150	693	852	2, 474
May 25.....	27, 532	272, 274	156, 345	26, 620	269, 616	133	600	779	2, 058
June 25.....	30, 849	311, 184	178, 557	30, 160	308, 931	109	569	580	1, 684
July 25.....	29, 249	295, 577	168, 834	28, 563	293, 651	86	359	600	1, 567
Aug. 25.....	40, 902	420, 156	240, 520	40, 301	418, 182	117	484	484	1, 490
Sept. 25.....	40, 008	412, 228	235, 223	39, 269	409, 864	117	412	622	1, 952
Oct. 25.....	49, 317	519, 899	296, 004	48, 706	517, 806	94	390	517	1, 703
Nov. 25.....	47, 236	495, 148	281, 549	46, 578	492, 850	122	510	536	1, 788
Dec. 25.....	52, 594	557, 790	316, 534	52, 035	555, 698	95	515	464	1, 577
<b>Cumulative to Dec. 25, 1954.....</b>	<b>3, 891, 822</b>	<b>26, 648, 531</b>	<b>14, 265, 105</b>	<b>3, 607, 101</b>	<b>25, 800, 604</b>	<b>66, 957</b>	<b>260, 195</b>	<b>217, 764</b>	<b>587, 732</b>

<sup>1</sup> Estimated.

Source: Veterans Administration, records.



## 10. Social Insurance and Welfare Services

This section presents data related to governmental programs for old-age and survivors insurance, public and railroad employee retirement, unemployment and disability insurance, aid to the needy, and maternal, child, and other welfare services, public and private.

There are several principal sources for these data. The *Social Security Bulletin* presents current data on many of these programs and summarizes annual data for them in an annual statistical supplement in each September issue. A large volume of statistics flows from employers' wage reports submitted under the Federal Insurance Contributions Act and used in the accounting operations of the Bureau of Old-Age and Survivors Insurance. Information on workers and beneficiaries and on establishments, employment, and payrolls covered by this Act is published in detail in the Social Security Administration's *Handbook of Old-Age and Survivors Insurance Statistics*. Establishment data showing employment and payrolls, by industry, for counties, are also available in the cooperative report of the Bureau of the Census and the Social Security Administration, *County Business Patterns*. Current data on employment security activities are published monthly in the Department of Labor's *Labor Market and Employment Security* and its supplements. Data on retirement and other benefits for railroad workers are published by the Railroad Retirement Board in its *Monthly Review* and *Annual Report*.

**Social insurance for industrial and commercial workers.**—Social insurance programs established by the Social Security Act provide protection against wage loss resulting from old age, death, or unemployment. In general, these programs cover employment in industry and commerce. As of 1955, coverage is also available for most other persons in gainful employment except those in certain self-employed professions and in Federal employment generally.

Old-age and survivors insurance provides monthly retirement benefits to fully insured workers (see table 302) at age 65 or over and supplementary monthly benefits to their wives, if they are aged 65 or have a child of the wage earner in their care, to dependent husbands, and to dependent children under age 18. Monthly survivor benefits are payable to certain dependents of fully or currently insured workers. A lump-sum death payment is made in the case of all insured deaths.

Covered workers and their employers each pay contributions of 2 percent on the worker's wages, not counting amounts above the first \$4,200 in a year. The rate is scheduled to rise by steps until it reaches 6 percent each in 1975. Self-employed persons pay 1.5 times the employee rate. An amount equal to the contributions collected is appropriated for deposit in the old-age and survivors insurance trust fund, from which benefits and administrative costs are paid.

Both unemployment insurance and the public employment (placement) service are administered through the Bureau of Employment Security of the Department of Labor and a State employment security agency in each State or Territory. Under agreements with the Secretary of Labor, the State agencies also administer unemployment compensation for eligible veterans under the Veterans Readjustment Assistance Act of 1952.

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Note.—This section presents data for the most recent year or period available on March 1, 1955, when the material was organized and sent to the printer. In some instances, more recent data were added later.

State unemployment insurance laws pay benefits to unemployed covered workers who meet the qualifying conditions specified in the State law. In most States, a waiting period of 1 week must be served before payments begin. Benefits are payable for a maximum number of weeks, ranging from 16 to 26 weeks among the States; maximum weekly benefits without dependents' allowances range from \$20 to \$35 under the several State laws. In 11 States maximum allowances for dependents ranging from \$3 to \$35 raise the range of maximum augmented benefits to \$26 to \$70.

Under the Federal Unemployment Tax Act, a 3-percent tax is levied on the payroll of employers of 8 or more workers in industries covered by the Act, although smaller employers are also covered by some State laws. Principal industries excluded from coverage, as of January 1955, are agriculture, State and local government, domestic service, nonprofit organizations, and railroads (see below). Employers subject to the Federal law are allowed a credit offset of 90 percent of the Federal tax, or 2.7 percent of taxable payrolls, for contributions paid to State agencies under State unemployment insurance laws. The Federal Government, therefore, collects only 0.3 percent. The Congress appropriates funds each year to cover administrative costs of the employment security system.

The standard rate of contributions payable by employers in all States is 2.7 percent of the first \$3,000 a year paid to an employee. All States may adjust employer contribution rates according to individual employer experience with the risk of unemployment. Contributions collected by States are deposited to State accounts in the Federal Unemployment Trust Fund, from which States withdraw amounts needed for benefit payments.

**Social insurance for railroad workers.**—The social insurance programs administered by the Railroad Retirement Board under the Railroad Retirement Act and Railroad Unemployment Insurance Act cover employees of railroads or companies and organizations affiliated with railroad transportation, including the Railway Express Agency and the Pullman Company.

The Railroad Retirement Act provides retirement annuities for aged and disabled workers and for wives of retired employees, and benefits to survivors of deceased workers. The credits of employees who die or retire with less than 10 years of railroad service are transferred to old-age and survivors insurance under the Social Security Act. Funds for the retirement and survivor system come from a tax on earnings up to \$300 a month under the Railroad Retirement Tax Act. The tax, divided equally between the employer and employee, is now at the maximum rate of 12½ percent.

The Railroad Unemployment Insurance Act provides benefits for unemployment and sickness, including maternity. The unemployment insurance program is financed entirely by contributions from covered employers, paid directly to the Board. The contribution rate for any year depends upon the balance in the unemployment insurance account and may vary from ½ to 3 percent of payrolls (exclusive of individual earnings in excess of \$350 a month). Since January 1, 1948, the minimum rate has been in effect.

**Retirement systems for Federal Government employees.**—One contributory retirement system for Federal civilian employees and two noncontributory systems for special classes of employees are administered by the Civil Service Commission. In addition, there are separate retirement systems in operation for the Armed Forces and special classes of Federal employees.

The Civil Service Retirement Act provides for age, optional, disability, and discontinued service annuities for employees in the executive, judicial, and legislative branches of the United States Government and in the municipal government of the District of Columbia if not subject to another retirement system or excluded by executive order. It also provides annuities for the widows and minor children of deceased employees,



and under certain conditions to the survivors of deceased annuitants. The employee contribution rate, computed on base pay, has been 6 percent since July 1948. Annual appropriations to the fund are made by the Congress.

**Workmen's compensation.**—All States now have programs providing protection against work-connected injuries and deaths. In addition to the State laws, there are Federal workmen's compensation laws covering employees of the Federal Government, private employees in the District of Columbia, and longshoremen and harbor workers. Most of the State workmen's compensation laws exempt such employments as agriculture, domestic service, and casual labor; the majority exempt employers who have fewer than a specified number of employees. Occupational diseases, or at least specified diseases, are compensable under most laws.

In most States total payments to injured workers or to survivor families are limited as to time, amount, or both. All compensation acts require that medical aid be furnished to injured employees; in about one-third of the laws there are either duration or cost limitations—or both—on the amount of medical benefits provided.

**Public assistance.**—Public assistance is provided through five major programs, all administered by the States and localities. Payments to four groups of needy persons—the aged, the blind, the permanently and totally disabled, and children whose need arises from certain causes—are financed in part from Federal funds granted to States under the Social Security Act. Aid to other needy persons is furnished for the most part through general assistance, toward which the Federal Government makes no contribution.

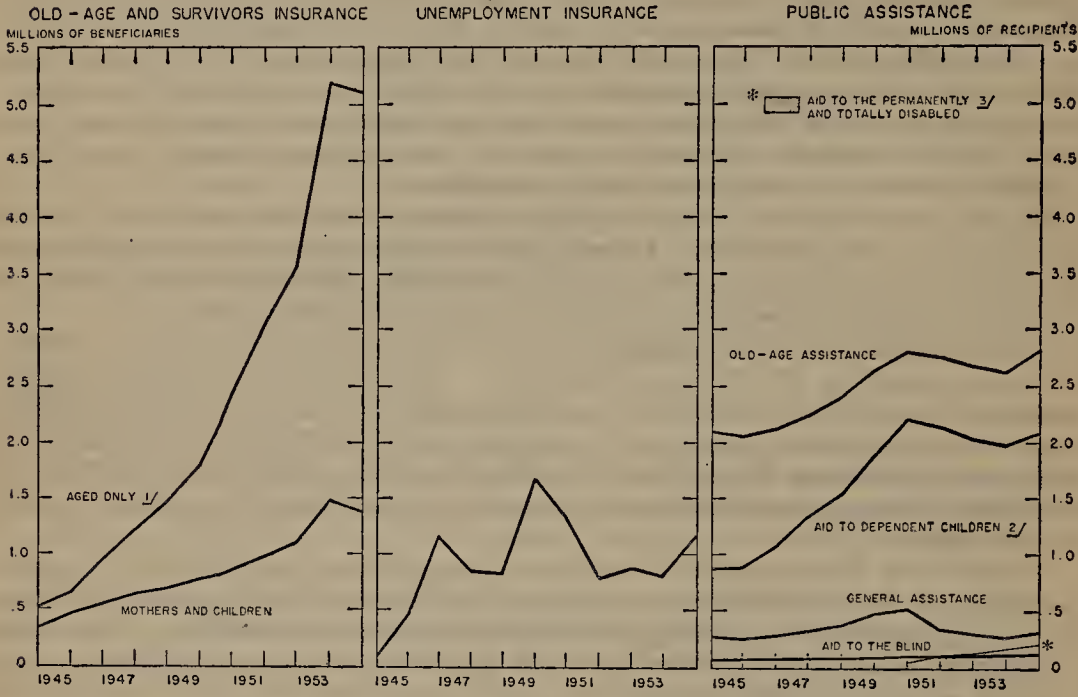
To receive a Federal grant for assistance payments and administrative expenses under any of the four programs established by the Social Security Act a State must have a plan approved as meeting the requirements of the Federal Act. Each State establishes the conditions under which needy people may receive assistance and determines how much they shall receive.

**Health and welfare service.**—Programs providing health and welfare\* services are aided through Federal grants to States for maternal and child-health services, services for crippled children, child-welfare services, vocational rehabilitation, and public health services (including water-pollution control, hospital survey and construction, and control of specific diseases). The Children's Bureau, a part of the Social Security Administration, administers the first three of these programs; the others are administered by the Office of Vocational Rehabilitation and the Public Health Service; all are units of the Department of Health, Education, and Welfare.

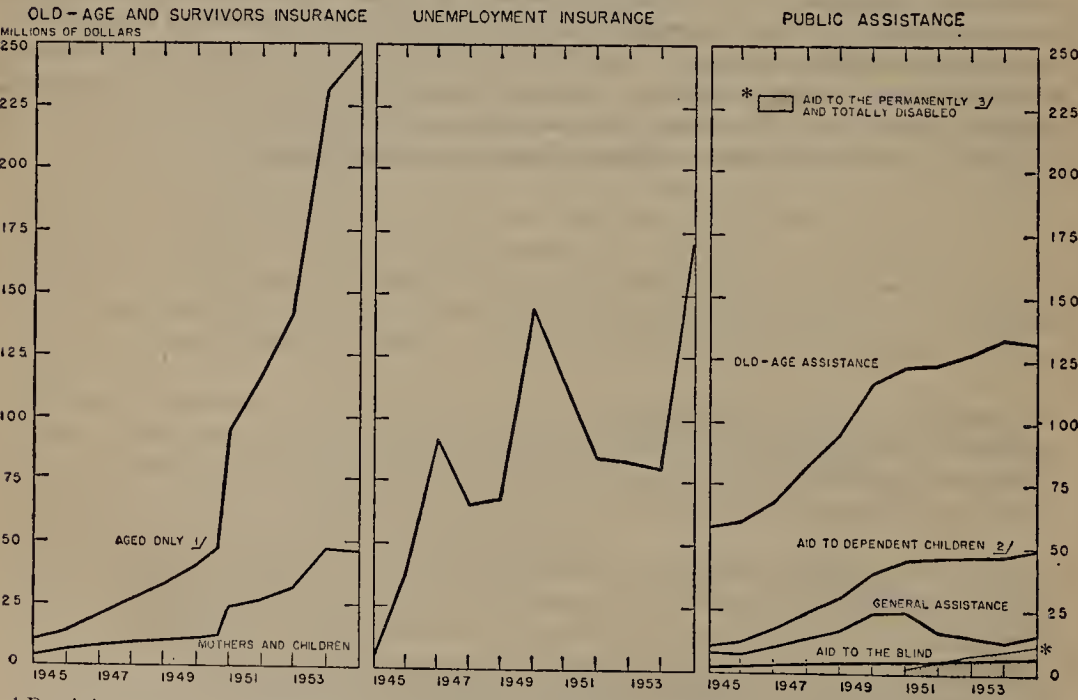
FIG. XVIII.—SOCIAL SECURITY OPERATIONS: 1944 TO 1954

[Old-age and survivors insurance: Average monthly number and amount of monthly benefits (current payment status). Unemployment insurance: Average weekly number of beneficiaries and average monthly amount of benefits paid under all State laws. Public assistance: Average monthly number of recipients and average monthly amount of payments under all State programs]

INDIVIDUALS RECEIVING PAYMENTS



SOCIAL SECURITY PAYMENTS



<sup>1</sup> Receiving old-age, wife's or husband's, widow's or widower's, or parent's benefit. Beginning September 1950, includes a small proportion of wife beneficiaries under age 65 with child beneficiaries in their care.  
<sup>2</sup> Children plus one adult per family when adults are included in assistance group; before October 1950, partly estimated.  
<sup>3</sup> Program initiated October 1950.

Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Health, Education, and Welfare, and Department of Labor.



# No. 285.—EXPENDITURES FOR CIVILIAN SOCIAL SECURITY AND RELATED PUBLIC PROGRAMS, BY SOURCE OF FUNDS AND PROGRAM: 1952 AND 1953

[In millions of dollars. Includes administrative expenditures unless otherwise indicated. Fiscal years for Federal Government, most States, and some localities ending June 30; fiscal years for other States and localities cover various 12-month periods ending within year. Corrected to Aug. 12, 1954]

PROGRAM	1952			1953		
	Total	Federal	State and local	Total	Federal	State and local
<b>Total</b> .....	<b>14,897.7</b>	<b>8,212.8</b>	<b>6,684.9</b>	<b>16,378.0</b>	<b>9,429.6</b>	<b>6,948.4</b>
Social insurance and related programs.....	7,859.5	5,528.0	2,331.5	9,057.8	6,666.4	2,391.4
Old-age and survivors insurance.....	2,067.0	2,067.0	—	2,716.9	2,716.9	—
Railroad retirement.....	390.7	390.7	—	465.1	465.1	—
Public employee retirement systems <sup>1</sup> .....	1,000.9	586.9	414.0	1,124.9	664.9	460.0
Employment security.....	1,187.1	195.3	991.8	1,117.4	204.5	912.9
Railroad unemployment insurance.....	26.3	26.3	—	57.8	57.8	—
Railroad temporary disability insurance.....	27.7	27.7	—	45.4	45.4	—
State temporary disability insurance, total <sup>2</sup> .....	178.0	—	178.0	198.1	—	198.1
Veterans' programs <sup>3</sup> .....	2,195.7	2,195.7	—	2,468.2	2,468.2	—
Workmen's compensation, total.....	786.1	38.3	747.7	864.0	43.6	820.4
Public aid.....	2,584.1	1,210.7	1,373.4	2,727.4	1,361.0	1,366.3
Special types of public assistance, total.....	2,322.0	1,210.7	1,111.3	2,478.2	1,361.0	1,117.2
General assistance, total.....	262.1	—	262.1	249.2	—	249.2
Health and medical services <sup>4</sup> .....	3,381.5	1,115.1	2,266.3	3,573.4	1,079.1	2,494.3
Hospital and medical care <sup>5</sup> .....	1,947.7	714.2	1,233.5	2,040.6	716.3	1,324.3
Veterans.....	649.5	649.5	—	647.4	647.4	—
Other.....	1,298.1	64.7	1,233.5	1,393.1	68.8	1,324.3
Hospital construction <sup>7</sup> .....	562.4	241.4	321.0	508.4	201.4	307.0
Veterans.....	115.2	115.2	—	90.0	90.0	—
Other.....	447.1	126.1	321.0	418.4	111.4	307.0
Maternal and child health care <sup>8</sup> .....	36.4	24.5	11.9	39.8	26.9	13.0
Other community and related health services <sup>9</sup> .....	835.0	135.0	700.0	984.6	134.6	850.0
Other welfare services.....	1,072.6	359.0	713.6	1,019.5	323.1	696.4
Vocational rehabilitation, total.....	33.4	22.8	10.6	34.6	22.9	11.6
Veterans' programs <sup>10</sup> .....	377.5	234.7	142.8	311.2	197.1	114.1
Institutional and other care <sup>11</sup> .....	410.4	10.4	400.0	412.4	12.4	400.0
School lunch program.....	138.0	83.6	54.4	139.9	82.8	57.1
Child welfare.....	113.4	7.5	105.9	121.4	7.8	113.6

<sup>1</sup> Excludes refunds of employee contributions to those leaving service. Data for administrative expenditures not available for all programs.

<sup>2</sup> Cash benefits and hospitalization and medical benefits, including those under private plans in 3 States, and administrative expenditures of State agencies. Data on administrative expenditures of private plans not available.

<sup>3</sup> Pensions, annuities, burial awards, readjustment allowances, and estimated administrative expenditures. Excludes expenditures from Government Life Insurance fund.

<sup>4</sup> Payments by private insurance carriers, State funds, and self-insurers of benefits payable under State law and estimated State administrative costs.

<sup>5</sup> Excludes all medical expenditures of Military Establishment and Atomic Energy Commission; health services in connection with primary and secondary public education; hospital and medical payments and services included under workmen's compensation, State temporary disability insurance, and vocational rehabilitation, and vendor payments for medical care included under public aid programs; professional education of nurses, physicians, and other medical personnel (other than teaching and training grants in special public health fields); and expenditures for medical services and research subordinate to performance of other functions.

<sup>6</sup> Includes hospital and outpatient care in public institutions and expenditures for maintaining existing facilities. Excludes Veterans Administration expenditures for domiciliary care included under veterans' welfare services and institutions for chronic care (other than mental and tuberculosis) included under institutional care.

<sup>7</sup> Federal are costs of hospital planning and surveys, new construction, and major repairs; State and local are new construction only.

<sup>8</sup> Federal are for maternal and child health services and services for crippled children. State and local represent required matching of Federal grants under these programs; expenditures above the required matching and State-local administrative expenditures included under State and local expenditures for other community and related health services.

<sup>9</sup> Federal are those made by the U. S. Public Health Service for community health programs, medical research, and training and teaching grants in special public health fields and by the Food and Drug Administration. State and local represent estimated community health and sanitation operating expenditures of public agencies, including those for medical research and training but excluding those in connection with schools and public welfare, those classified as hospital and medical care.

<sup>10</sup> Federal are for Veterans Administration programs for vocational rehabilitation, automobiles for paraplegic veterans, domiciliary care, beneficiaries' travel, counseling, and loan guarantees. State and local represent State expenditures for bonus payments and veterans' services; local data not available.

<sup>11</sup> Federal are for education of the blind and the deaf, the U. S. Soldiers' Home, the U. S. Naval Home, and Federal funds for State soldiers' homes. State and local represent estimated costs of care in welfare institutions, institutions for the handicapped and for chronic care (other than mental and tuberculosis) and other public welfare expenditures; local data not fully available, so estimates may be understated.

<sup>12</sup> Estimated. Includes expenditures for children in foster homes.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*.

# No. 286.—SOCIAL WELFARE EXPENDITURES UNDER CIVILIAN PUBLIC PROGRAMS: 1937 TO 1953

[In millions. Represents expenditures under public law; public housing programs excluded since satisfactory estimates of State and local expenditures are not available. Years ending June 30 for Federal Government, most States and some localities; for other States and localities, years cover various 12-month periods ending in specified years. Corrected to Feb. 4, 1955]

YEAR	Total <sup>1</sup>	Social insurance <sup>2</sup>	Public aid	Health and medical services <sup>3</sup>	Other welfare services <sup>4</sup>	Education	Veterans' programs <sup>5</sup>	Total as percent of gross national product	Total as percent of all government expenditures <sup>2</sup>
1937-----	\$7,775.0	\$473.2	\$3,449.9	\$724.0	\$115.6	\$2,527.3	\$485.0	9.0	51.1
1938-----	8,157.7	790.9	3,266.0	750.6	116.1	2,740.0	494.1	9.3	52.9
1939-----	9,555.2	1,114.6	4,252.9	807.0	126.5	2,741.0	513.2	10.9	52.7
1940-----	9,163.1	1,214.9	3,701.9	799.2	132.1	2,780.0	535.0	9.6	49.7
1941-----	9,067.5	1,267.7	3,482.8	754.5	154.5	2,873.1	534.9	8.2	39.8
1942-----	8,509.7	1,313.5	2,738.5	790.6	159.6	2,970.0	537.5	6.1	19.5
1943-----	7,249.5	1,207.7	1,484.1	805.0	155.6	3,041.2	555.9	4.0	8.1
1944-----	7,016.5	1,239.5	1,036.2	897.5	179.7	3,040.7	622.9	3.5	6.7
1945-----	7,870.4	1,316.3	1,037.7	995.9	213.7	3,392.6	914.2	3.6	7.5
1946-----	11,799.4	2,576.2	1,149.2	1,102.5	246.0	3,711.2	3,014.3	5.8	16.0
1947-----	16,543.9	2,655.0	1,440.4	1,191.4	278.4	4,289.5	6,689.2	7.5	33.5
1948-----	18,748.9	2,863.7	1,700.4	1,493.5	326.5	5,485.2	6,879.6	7.7	36.2
1949-----	21,383.8	3,631.7	2,087.1	1,930.4	370.7	6,355.0	7,008.9	8.2	36.4
1950-----	23,796.4	4,727.3	2,586.0	2,186.7	481.9	7,289.1	6,525.4	9.0	37.4
1951-----	23,608.5	4,761.6	2,584.9	2,396.2	533.0	7,826.7	5,506.1	7.6	34.6
1952-----	24,633.7	5,663.8	2,584.1	2,616.7	695.1	8,353.8	4,720.1	7.3	26.7
1953-----	25,955.0	6,589.6	2,727.4	2,835.9	708.3	8,872.4	4,221.4	7.2	25.3

<sup>1</sup> Includes expenditures from social insurance trust funds—built up through earmarked contributions made by insured persons or their employers—as well as regular budgetary expenditures from general revenues. Administrative expenditures included, with rare exceptions.

<sup>2</sup> Although social insurance expenditures include non-Federal workmen's compensation benefits payable under law by employers and private insurance carriers, such expenditures have been omitted in computing percentages relating to all government expenditures.

<sup>3</sup> Includes hospital construction and medical research; excludes health and medical services provided in connection with veterans' programs, public education, public aid, workmen's compensation, and vocational rehabilitation (included in total expenditures shown for those programs); also excludes medical expenditures of Military Establishment and Atomic Energy Commission and those provided subordinate to the performance of other functions, such as those of Civil Aeronautics Authority.

<sup>4</sup> Represents vocational rehabilitation, child welfare services, school lunch program, and institutional care.

<sup>5</sup> Excludes Federal bonus payments, appropriations to Government Life Insurance trust fund, and accounts of several small revolving funds.

Source: Department of Health, Education, and Welfare, Social Security Administration. Data appear periodically in *Social Security Bulletin*.



# No. 287.—SOCIAL WELFARE EXPENDITURES PER CAPITA, ACTUAL AND 1953 PRICES: 1937 TO 1953

[Years ending June 30 for Federal Government, most States, and some localities; for other States and localities years cover various 12-month periods ending in the specified year. Corrected to Feb. 4, 1955]

YEAR	PER CAPITA EXPENDITURES <sup>1</sup>							EXPENDITURES IN 1953 PRICES		
	Total	Social Insur- ance	Public aid	Health and medical services	Other welfare services	Veter- ans' pro- grams	Education		Total (1,000)	Per capita <sup>1</sup>
							Per capita	Per child aged 5 to 17		
1937.....	\$60.62	\$3.69	\$26.90	\$5.64	\$0.90	\$3.78	\$19.70	\$82.14	\$14,997.5	\$114.59
1938.....	63.17	6.12	25.29	5.81	0.90	3.83	21.22	89.76	15,191.2	117.64
1939.....	73.41	8.56	32.67	6.20	0.97	3.94	21.06	91.36	18,235.1	140.10
1940.....	69.88	9.26	28.22	6.09	1.01	4.08	21.19	93.11	17,486.8	133.32
1941.....	68.89	9.63	26.46	5.73	1.17	4.06	21.83	97.02	17,076.3	129.74
1942.....	64.83	10.01	20.86	6.02	1.22	4.09	22.63	101.54	14,571.4	111.01
1943.....	56.10	9.35	11.49	6.23	1.29	4.30	23.54	105.22	11,434.5	88.49
1944.....	55.20	9.75	8.15	7.06	1.40	4.90	23.92	106.49	10,745.0	84.53
1945.....	61.90	10.35	8.16	7.83	1.68	7.19	26.68	119.68	11,782.0	92.66
1946.....	88.73	19.37	8.64	8.29	1.85	22.67	27.91	130.57	17,275.8	129.91
1947.....	117.77	18.90	10.25	8.48	1.98	47.62	30.54	149.43	20,783.8	147.95
1948.....	130.32	19.91	11.82	10.38	2.27	47.82	38.13	187.57	21,427.3	148.94
1949.....	146.09	24.81	14.26	13.19	2.53	47.88	43.42	212.68	23,654.6	161.60
1950.....	159.83	31.75	17.37	14.69	3.24	43.83	48.96	239.52	26,797.7	179.99
1951.....	156.72	31.61	17.16	15.91	3.54	36.55	51.96	252.18	25,062.1	166.37
1952.....	161.83	37.21	16.98	17.19	4.57	31.01	54.88	258.98	24,983.5	164.13
1953.....	167.78	42.60	17.63	18.33	4.58	27.29	57.35	262.22	25,955.0	167.78
Percent change, 1953 from 1937:										
Actual expendi- tures.....	+176.8	+1,054.5	-34.5	+225.0	+408.9	+622.0	+191.1	+219.2	+233.8	+176.8
Expenditures in 1953 prices.....	+46.4	+510.3	-65.3	+72.0	+169.4	+281.7	+54.0	+68.9	+76.6	+46.4

<sup>1</sup> Per capita figures relate to total civilian population of continental United States as of end of December.

Source: Department of Health, Education, and Welfare, Social Security Administration.

# No. 288.—SOCIAL WELFARE EXPENDITURES—PERCENTAGE DISTRIBUTION, BY SOURCE OF FUNDS AND ADMINISTRATIVE RESPONSIBILITY: 1937 TO 1953

[Benefit payments under State workmen's compensation programs classified in this table as expenditures from State and local funds. Years ending June 30 for Federal Government, most States, and some localities; for other States and localities, years cover various 12-month periods ending in the specified year. Corrected to Feb. 4, 1955]

YEAR	TOTAL EXPENDITURES				EXPENDITURES FOR PROGRAMS OTHER THAN VETERANS <sup>1</sup>			
	Source of funds		Administrative responsibility		Source of funds		Administrative responsibility	
	Percent from Federal funds	Percent from State and local funds	Percent for Federal programs	Percent for programs administered by States or localities <sup>1</sup>	Percent from Federal funds	Percent from State and local funds	Percent for Federal programs	Percent for programs administered by States or localities <sup>1</sup>
1937.....	40.7	59.3	38.2	61.8	36.7	63.3	34.1	65.9
1938.....	35.5	64.5	31.8	68.2	31.4	68.6	27.4	72.6
1939.....	39.5	60.5	35.8	64.2	35.0	64.0	32.1	67.9
1940.....	35.9	64.1	31.7	68.3	32.0	68.0	27.5	72.5
1941.....	36.3	63.7	31.3	68.7	32.3	67.7	27.0	73.0
1942.....	34.4	65.6	28.4	71.6	29.9	70.1	23.6	76.4
1943.....	29.3	70.7	22.4	77.6	23.4	75.6	16.0	84.0
1944.....	28.0	72.0	20.3	79.7	21.0	79.0	12.6	87.4
1945.....	29.9	70.1	22.9	77.1	20.7	79.3	12.7	87.3
1946.....	38.4	61.6	33.3	66.7	17.3	82.7	10.4	89.6
1947.....	51.8	48.2	46.3	53.7	19.0	81.0	9.8	90.2
1948.....	45.9	54.1	40.4	59.6	14.5	85.5	5.8	94.2
1949.....	43.8	56.2	37.8	62.2	16.3	83.7	7.5	92.5
1950.....	39.8	60.2	33.1	66.9	17.1	82.9	7.8	92.2
1951.....	40.8	59.2	33.7	66.3	22.8	77.2	13.5	86.5
1952.....	40.0	60.0	32.8	67.2	25.8	74.2	16.9	83.1
1953.....	40.1	59.9	32.3	67.7	28.5	71.5	19.1	80.9

<sup>1</sup> Represents expenditures from State and local funds plus Federal grants-in-aid to the States or localities for social welfare programs, but excludes seamen's unemployment benefits and veterans' readjustment allowances (programs administered by the State unemployment insurance agencies as agents of the Federal Government).

Source: Department of Health, Education, and Welfare, Social Security Administration. Data appear periodically in *Social Security Bulletin*.

**No. 289.—SELECTED SOCIAL INSURANCE AND RELATED PROGRAMS—ESTIMATED PAYROLLS IN COVERED EMPLOYMENT IN RELATION TO CIVILIAN WAGES AND SALARIES: 1937 TO 1953**

[In millions of dollars. Corrected to Aug. 12, 1954]

PROGRAM	1937	1940	1945	1950	1952	1953
AMOUNT						
Total earnings <sup>1</sup>	56,972	62,247	149,063	182,945	226,455	238,460
All wages and salaries <sup>1</sup>	45,948	49,587	117,676	145,538	185,070	198,057
Civilian	45,590	48,996	95,078	140,539	174,636	187,773
Payrolls covered by retirement programs	37,943	41,721	85,439	128,744	165,934	179,767
Old-age and survivors insurance <sup>2</sup>	32,770	35,668	71,317	109,439	143,000	156,000
Railroad retirement <sup>3</sup>	2,265	2,273	4,514	5,327	6,185	6,147
Federal civil-service retirement <sup>3</sup>	1,050	1,430	5,840	6,068	6,929	6,950
State and local government <sup>2</sup>	1,858	2,350	3,768	7,910	9,820	10,670
Payrolls covered by unemployment insurance programs	(4)	34,723	70,925	108,162	133,505	144,804
State unemployment insurance <sup>2</sup>	(4)	32,450	66,411	102,835	127,320	138,657
Railroad unemployment insurance <sup>3</sup>	2,265	2,273	4,514	5,327	6,185	6,147
Payrolls covered by workmen's compensation programs <sup>5</sup>	(4)	35,500	73,000	110,000	137,500	148,500
PERCENT						
Civilian wages and salaries <sup>1</sup>	100.0	100.0	100.0	100.0	100.0	100.0
Payrolls covered by retirement programs	83.2	85.2	89.9	91.6	95.0	95.7
Old-age and survivors insurance <sup>2</sup>	71.9	72.8	75.0	77.9	81.9	83.0
Railroad retirement <sup>3</sup>	5.0	4.6	4.7	3.8	3.5	3.2
Federal civil-service retirement <sup>2</sup>	2.3	2.9	6.1	4.3	4.0	3.7
State and local government <sup>2</sup>	4.1	4.8	4.0	5.6	5.6	5.6
Payrolls covered by unemployment insurance programs	(4)	70.9	74.6	77.0	76.5	77.1
State unemployment insurance <sup>2</sup>	(4)	66.2	69.8	73.2	72.9	73.8
Railroad unemployment insurance <sup>3</sup>	5.0	4.6	4.7	3.8	3.5	3.2
Payrolls covered by workmen's compensation programs <sup>5</sup>	(4)	72.5	76.8	78.3	78.7	79.0

<sup>1</sup> Data from Dept. of Commerce, Off. Bus. Econ. Total earnings include earnings of self-employed; all wages and salaries represent civilian and military wages and salaries in cash and in kind in continental U. S., and pay of Federal civilian and military personnel in all areas. Includes employee contributions under contributory systems.

<sup>2</sup> Continental United States only.

<sup>3</sup> Includes Alaska and Hawaii.

<sup>4</sup> Not available.

<sup>5</sup> Payrolls of employers insuring with private carriers, State funds, or self-insured, and Federal programs; excludes railroads.

Source: Department of Health, Education, and Welfare, Social Security Administration, Division of Research and Statistics. Data appear periodically in *Social Security Bulletin*.

**No. 290.—FEDERAL GRANTS TO STATE AND LOCAL GOVERNMENTS, BY PURPOSE: 1935 TO 1954**

[In thousands, except per capita. On basis of checks issued. For sources of data, see source publication]

YEAR ENDING JUNE 30—	TOTAL		SOCIAL SECURITY AND RELATED PURPOSES					All other
	Amount	Per capita <sup>1</sup>	Total	Assistance pay- ments and adminis- tration <sup>2</sup>	Employ- ment security adminis- tration	Health serv- ices <sup>3</sup>	Other welfare serv- ices <sup>4</sup>	Educa- tion <sup>5</sup>
1935	\$2,196,577	\$17.09	\$2,773		\$1,257		\$1,516	\$12,722
1940	965,239	7.24	359,105	\$271,135	61,539	\$21,873	4,558	25,137
1942	827,478	6.10	483,200	374,568	74,034	29,057	5,541	25,811
1943	850,995	6.24	468,323	395,623	36,480	30,366	5,824	26,158
1944	896,926	6.56	509,010	404,942	35,229	60,223	8,616	25,644
1945	864,905	6.38	532,319	410,364	33,730	78,555	9,670	25,131
1946	840,098	6.22	578,209	439,132	54,547	71,169	13,361	25,341
1947	1,187,478	8.32	874,974	613,831	99,252	63,134	98,757	31,145
1948	1,452,644	9.94	999,236	718,359	133,610	55,309	91,958	35,813
1949	1,814,751	12.19	1,233,700	927,897	140,314	66,646	98,843	36,951
1950	2,195,473	14.50	1,563,356	1,123,418	207,617	119,158	113,163	38,501
1951	2,242,921	14.55	1,631,092	1,185,764	173,838	168,938	102,553	49,123
1952	2,322,238	14.86	1,658,248	1,177,688	182,894	182,865	114,802	112,003
1953	2,753,083	17.34	1,810,555	1,329,933	197,779	168,822	114,020	215,205
1954	2,953,964	18.31	1,890,942	1,437,516	200,136	138,042	115,248	203,691

<sup>1</sup> Based on Census Bureau estimates of total population, excluding Armed Forces overseas, as of July 1.

<sup>2</sup> Old-age assistance, aid to dependent children, aid to blind, and, beginning 1951, aid to permanently and totally disabled.

<sup>3</sup> Maternal and child health services, services for crippled children, and other public health programs.

<sup>4</sup> Vocational rehabilitation and State and Territorial homes for disabled soldiers and sailors; child welfare services, beginning 1936; community war service day care in 1943; and national school lunch program, beginning 1947.

<sup>5</sup> Colleges of agriculture and mechanic arts, vocational education, education of the blind, and State marine schools; emergency Office of Education grants from 1936 to 1941; maintenance and operation of schools in certain areas, beginning 1947; and school survey and construction in certain areas, beginning 1951.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*.



No. 291.—FEDERAL GRANTS TO STATE AND LOCAL GOVERNMENTS, BY PURPOSE,  
BY STATES AND OTHER AREAS: 1953

[In thousands of dollars; except per capita. For year ending June 30. See headnote and footnotes, table 290]

STATE OR OTHER AREA	TOTAL		SOCIAL SECURITY AND RELATED PURPOSES					Educa- tion	All other
	Amount	Per capita <sup>1</sup>	Total	Assis- tance payments and ad- ministra- tion	Employ- ment security adminis- tration	Health services	Other welfare services		
<b>Total.....</b>	<b>2,753,083</b>	<b>17.34</b>	<b>1,810,555</b>	<b>1,329,933</b>	<b>197,779</b>	<b>168,822</b>	<b>114,020</b>	<b>215,205</b>	<b>727,323</b>
Alabama.....	57,369	18.55	38,774	26,967	2,804	5,012	3,992	5,529	13,065
Arizona.....	24,130	27.70	11,857	8,297	1,694	1,195	670	3,624	8,649
Arkansas.....	48,257	26.17	31,510	22,690	1,921	4,403	2,496	5,434	11,313
California.....	258,763	22.42	182,628	150,355	19,483	6,506	6,284	30,581	45,554
Colorado.....	46,355	32.43	30,466	26,929	1,496	1,113	923	3,893	11,992
Connecticut.....	23,572	11.19	13,849	8,195	2,923	1,417	1,314	3,507	6,216
Delaware.....	5,543	16.04	2,299	1,142	417	441	300	231	3,018
District of Columbia.....	6,476	7.82	5,307	3,266	652	1,016	373	94	1,075
Florida.....	57,002	18.32	41,714	32,312	3,179	3,780	2,443	4,608	10,680
Georgia.....	83,467	23.73	52,367	38,999	3,004	5,929	4,434	11,925	19,175
Idaho.....	15,012	25.36	6,410	4,560	957	387	506	1,820	6,783
Illinois.....	123,317	13.73	81,067	59,351	9,043	7,908	4,765	5,709	36,541
Indiana.....	48,679	11.74	29,490	17,643	3,299	6,158	2,390	3,181	16,008
Iowa.....	44,933	17.23	27,856	21,884	1,647	2,453	1,867	1,412	15,665
Kansas.....	43,688	22.17	21,748	16,987	1,482	1,949	1,331	4,956	16,984
Kentucky.....	55,002	18.65	38,027	25,988	2,306	6,770	2,963	3,821	13,154
Louisiana.....	100,384	36.40	82,999	72,076	2,770	5,025	3,127	2,628	14,757
Maine.....	16,537	18.54	9,465	7,187	1,009	576	693	676	6,396
Maryland.....	31,420	12.38	15,690	8,979	3,158	2,309	1,243	6,982	8,748
Massachusetts.....	79,847	16.77	65,441	50,344	8,960	3,756	2,332	1,398	13,008
Michigan.....	100,447	15.01	68,264	48,723	10,749	4,641	4,151	7,687	24,496
Minnesota.....	55,329	18.35	34,987	24,877	3,092	4,683	2,336	1,010	19,332
Mississippi.....	42,027	19.42	27,866	19,178	2,131	3,304	3,252	2,676	11,486
Missouri.....	96,939	24.39	71,942	62,708	3,368	3,264	2,602	3,899	21,097
Montana.....	18,691	31.31	8,276	5,882	1,027	859	508	1,154	9,261
Nebraska.....	22,389	16.58	11,810	8,675	944	1,328	863	1,273	9,306
Nevada.....	10,545	57.31	2,119	1,121	562	324	112	1,916	6,510
New Hampshire.....	8,807	16.55	5,241	3,558	913	374	396	542	3,024
New Jersey.....	45,416	8.90	27,069	11,572	9,156	4,262	2,079	2,919	15,423
New Mexico.....	23,242	31.49	10,026	7,361	1,014	957	694	3,242	9,974
New York.....	197,679	13.08	148,940	104,571	30,515	7,745	6,109	4,138	44,601
North Carolina.....	59,141	14.16	39,663	23,801	3,690	7,257	4,916	4,100	15,377
North Dakota.....	16,924	28.11	6,551	4,556	671	810	514	545	9,828
Ohio.....	103,938	12.56	68,104	48,467	8,503	7,131	4,003	6,424	29,410
Oklahoma.....	77,649	34.91	58,053	51,886	2,103	1,709	2,355	5,841	13,754
Oregon.....	28,630	17.85	15,304	10,576	2,327	1,344	1,057	1,561	11,765
Pennsylvania.....	106,513	10.09	74,729	45,645	15,325	7,966	5,794	4,253	27,531
Rhode Island.....	14,097	17.30	8,648	5,867	1,661	631	489	825	4,623
South Carolina.....	42,577	19.51	26,108	16,728	2,268	4,180	2,932	5,733	10,736
South Dakota.....	19,000	28.92	7,820	5,926	515	863	516	872	10,308
Tennessee.....	63,222	19.39	42,905	30,173	2,916	6,080	3,736	3,938	16,379
Texas.....	156,150	19.08	103,126	80,827	7,301	9,231	5,768	14,271	38,753
Utah.....	20,659	28.03	9,328	6,442	1,368	828	691	2,106	9,225
Vermont.....	7,930	21.37	4,473	2,753	762	552	405	372	3,085
Virginia.....	46,685	13.21	18,552	10,159	1,846	3,787	2,759	12,703	15,430
Washington.....	63,722	25.88	38,761	31,316	3,969	1,619	1,857	11,653	13,308
West Virginia.....	37,174	18.87	29,315	20,656	1,357	5,016	2,287	561	7,298
Wisconsin.....	51,013	14.54	29,860	21,563	2,947	3,079	2,272	960	20,193
Wyoming.....	10,016	32.73	3,876	2,388	608	605	276	339	5,800
Alaska.....	6,495	35.69	3,106	1,257	674	1,088	87	2,317	1,072
Hawaii.....	12,585	24.11	5,327	3,467	621	838	402	2,318	4,940
Puerto Rico.....	17,192	7.67	11,010	2,999	644	4,143	3,224	1,020	5,161
Virgin Islands.....	498	20.73	428	107	27	212	81	21	49

<sup>1</sup> Based on Census Bureau estimates of total population, excluding Armed Forces overseas, as of July 1, 1952; for Territories and possessions, based on 1950 Census.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*.

# No. 292.—SOCIAL INSURANCE AND RELATED PROGRAMS—BENEFICIARIES AND BENEFITS BY RISK AND PROGRAM: 1940 TO 1953

[Partly estimated. Data for State and local government, Federal civil-service, and other Federal contributory retirement systems exclude refunds of employee contributions. Corrected to July 22, 1954]

RISK AND PROGRAM	BENEFICIARIES (thousands) <sup>1</sup>				AMOUNT OF BENEFITS (millions of dollars)			
	1940	1950	1952	1953	1940	1950	1952	1953
<b>Total</b> .....					1,545.4	6,393.0	7,736.3	8,948.1
Old-age retirement.....					330.3	1,469.3	2,574.0	3,300.2
Old-age and survivors insurance <sup>2</sup> .....	77.2	1,918.1	3,187.3	3,888.7	21.1	718.5	1,539.3	2,175.3
Railroad retirement.....	102.0	174.8	265.6	288.5	83.3	176.9	267.3	281.7
Federal retirement.....					103.1	286.3	370.2	413.9
Civil-service.....	47.4	111.0	128.3	138.5	49.1	135.3	175.6	209.3
Other contributory <sup>3</sup> .....	0.6	2.0	2.1	2.2	0.7	2.4	3.2	3.6
Noncontributory <sup>4</sup> .....	32.2	68.8	87.8	90.9	53.3	148.6	191.3	201.0
State and local government retirement <sup>5</sup> .....	113.0	213.0	250.0	270.0	103.0	230.0	310.0	343.0
Veterans' program <sup>6</sup> .....	29.2	53.5	78.4	71.8	19.8	57.6	87.2	86.3
Survivorship:								
Monthly benefits.....					162.9	924.5	1,353.6	1,569.7
Old-age and survivors insurance.....	35.7	1,093.9	1,484.6	1,687.5	7.8	299.7	591.5	743.5
Railroad retirement.....	3.0	136.3	150.6	157.0	1.4	43.9	74.1	83.3
Federal civil-service.....		18.3	40.0	50.4		8.4	20.0	27.3
State and local government retirement <sup>5</sup> .....	25.0	40.0	44.0	46.0	16.0	26.0	30.0	32.0
Veterans' program.....	323.2	991.7	1,044.2	1,086.0	105.7	491.6	573.0	613.5
Workmen's compensation.....	(?)	(?)	(?)	(?)	<sup>8</sup> 32.0	<sup>8</sup> 55.0	<sup>8</sup> 65.0	<sup>8</sup> 70.0
Lump-sum payments.....					36.7	86.7	131.0	166.3
Old-age and survivors insurance.....	(?)	(?)	(?)	(?)	11.7	32.7	63.3	87.5
Railroad retirement.....	(?)	(?)	(?)	(?)	2.5	12.7	13.7	18.4
Federal retirement.....	(?)	(?)	(?)	(?)	6.0	8.5	8.8	9.4
Civil-service.....	(?)	(?)	(?)	(?)	5.8	8.1	8.4	8.9
Other contributory.....	(?)	(?)	(?)	(?)	0.2	0.4	0.5	0.5
State and local government retirement.....	(?)	(?)	(?)	(?)	<sup>6</sup> 12.5	<sup>6</sup> 20.0	<sup>6</sup> 30.0	<sup>6</sup> 35.0
Veterans' program <sup>6</sup> .....	(?)	(?)	(?)	(?)	4.0	12.7	15.1	16.1
Workmen's compensation.....	(?)	(?)	(?)	(?)	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Disability.....					480.9	2,444.5	2,634.1	2,861.4
Workmen's compensation.....	(?)	(?)	(?)	(?)	<sup>8</sup> 129.0	<sup>8</sup> 362.0	<sup>8</sup> 462.0	<sup>8</sup> 500.0
Veterans' program <sup>6</sup> .....	580.9	2,301.8	2,343.9	2,437.0	298.1	1,674.6	1,635.0	1,754.2
Railroad retirement.....	39.3	76.0	80.3	81.9	30.8	77.3	93.9	92.5
Federal civil-service.....	15.5	43.0	48.4	52.1	13.0	40.5	49.5	60.0
Federal noncontributory <sup>4</sup> .....		56.0	63.1	78.1		148.7	161.4	188.0
State and local government retirement <sup>5</sup> .....	14.3	32.0	38.0	42.0	10.0	24.0	30.0	35.0
State temporary disability insurance <sup>9</sup> .....		54.1	75.0	83.3		89.3	167.7	186.6
Railroad temporary disability insurance <sup>10</sup> .....		31.2	31.5	33.2		28.1	34.7	45.2
Unemployment.....					534.7	1,466.2	1,043.6	1,050.6
State unemployment insurance <sup>11</sup> .....	982.4	1,305.0	873.6	812.1	518.7	1,373.4	998.2	962.2
Railroad unemployment insurance <sup>10</sup> .....	41.5	76.8	42.6	40.2	16.0	59.8	41.8	46.7
Veterans' unemployment allowances.....		32.1	15.1	33.5		33.0	3.5	41.7
Self-employment allowances to veterans.....		1.5	0.1	( <sup>12</sup> )		1.7	( <sup>13</sup> )	( <sup>12</sup> )

<sup>1</sup> Average monthly number, except as otherwise noted.

<sup>2</sup> Includes benefits paid to dependents of retired-worker beneficiaries.

<sup>3</sup> Includes a small but unknown number and amount of disability and survivor benefits.

<sup>4</sup> Old-age retirement data include small but unknown amount of disability and survivor benefits and, for 1940, a significant amount of disability payments.

<sup>5</sup> Benefits for fiscal year (usually ending June 30). Data for 1952 and 1953 preliminary.

<sup>6</sup> Under Veterans Administration. Old-age retirement data are for veterans of Spanish-American War, Boxer Rebellion, and Philippine Insurrection; for 1952 and 1953, all service pensions for this group included. Disability data include pensions and compensation, and subsistence payments to disabled veterans undergoing training. Lump-sum payments are for burials of deceased veterans.

<sup>7</sup> Not available.

<sup>8</sup> Monthly survivor payments include a small but unknown amount of lump-sum death payments. Disability benefits exclude payments for medical care. Data for 1952 and 1953 preliminary.

<sup>9</sup> Benefits payable in only 4 States—in Rhode Island beginning April 1943; in California, December 1946; in New Jersey, January 1949; and in New York, July 1950. Includes maternity data for Rhode Island. Excludes hospital benefits in California and hospital, surgical, and medical care benefits paid in lieu of cash benefits in New York. Number represents average weekly number of beneficiaries; excludes private-plan beneficiaries in California and New Jersey.

<sup>10</sup> Number represents average number of beneficiaries during 14-day registration period. Temporary disability benefits first payable July 1947; includes maternity data.

<sup>11</sup> Average weekly number.

<sup>12</sup> Small number and amount of self-employment allowances included with unemployment allowances.

<sup>13</sup> Less than \$50,000.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*.



## No. 293.—SELECTED CHARACTERISTICS OF THE POPULATION 65 YEARS OLD AND OVER: APRIL 1951 TO 1954

[In thousands, except median income. Data based on Current Population Survey, and are not entirely comparable with decennial census statistics; see Sampling Note and Technical Note, p. 183. Statistics are for the civilian population. For definitions of terms see pp. 2, 3, 181, 182, and 282]

CHARACTERISTIC	April 1951	APRIL 1952			APRIL 1953			APRIL 1954 <sup>1</sup>		
		Total	Male	Fe- male	Total	Male	Fe- male	Total	Male	Fe- male
COLOR AND RESIDENCE										
Total, 65 years and over.....	11, 884	12, 276	5, 756	6, 520	13, 370	6, 254	7, 116	13, 735	6, 414	7, 321
White.....	11, 078	11, 445	5, 346	6, 099	12, 406	5, 789	6, 617	(2)	(2)	(2)
Nonwhite.....	806	831	410	421	964	465	499	(2)	(2)	(2)
Urban and rural nonfarm.....	10, 174	10, 344	4, 682	5, 662	11, 432	5, 202	6, 230	11, 958	5, 439	6, 519
Rural farm.....	1, 710	1, 932	1, 074	858	1, 938	1, 052	886	1, 777	975	802
MARITAL STATUS										
Total, 65 years and over.....	11, 884	12, 276	5, 756	6, 520	13, 370	6, 254	7, 116	13, 735	6, 414	7, 321
Single.....	910	988	476	512	976	484	492	1, 132	506	626
Married.....	6, 024	6, 340	3, 938	2, 402	7, 018	4, 316	2, 702	7, 180	4, 477	2, 703
Spouse present.....	5, 792	6, 104	3, 802	2, 302	6, 628	4, 084	2, 544	6, 911	4, 327	2, 584
Spouse absent.....	232	236	136	100	390	232	158	269	150	119
Widowed.....	4, 826	4, 826	1, 260	3, 566	5, 210	1, 344	3, 866	5, 197	1, 294	3, 903
Divorced.....	124	122	82	40	166	110	56	226	137	89
HOUSEHOLD CHARACTERISTICS										
In households.....	11, 434	11, 773	(2)	(2)	12, 832	5, 954	6, 878	13, 169	6, 108	7, 061
In families.....	9, 156	9, 455	(2)	(2)	10, 127	5, 037	5, 090	10, 508	5, 276	5, 232
In quasi-households.....	450	503	(2)	(2)	538	300	238	566	306	260
Household heads, 65 years and over.....	6, 684	7, 108	4, 838	2, 270	7, 578	5, 152	2, 426	7, 560	5, 152	2, 408
With relatives in household.....	4, 778	5, 148	4, 202	946	5, 324	4, 440	884	5, 365	4, 504	861
No relatives in household <sup>2</sup> .....	1, 906	1, 960	636	1, 324	2, 254	712	1, 542	2, 195	648	1, 547
Family heads, 65 years and over.....	4, 798	5, 178	4, 224	954	5, 356	4, 470	886	5, 391	4, 527	864
No own children under 18.....	(1)	4, 998	4, 050	948	5, 124	4, 248	876	(2)	(2)	(2)
One or more children under 18.....	(1)	180	174	6	232	222	10	(2)	(2)	(2)
Unrelated individuals <sup>4</sup> .....	2, 480	2, 501	940	1, 561	2, 858	1, 042	1, 816	2, 831	954	1, 877
Head of household <sup>5</sup> .....	1, 906	1, 960	636	1, 324	2, 254	712	1, 542	2, 195	648	1, 547
Other (lodger, guest, etc.).....	574	541	304	237	604	330	274	636	306	330
LABOR FORCE										
Total, 65 years and over <sup>4</sup> .....	11, 636	12, 028	5, 628	6, 400	12, 986	6, 080	6, 906	13, 339	6, 230	7, 109
Civilian labor force.....	3, 008	2, 878	2, 354	524	3, 174	2, 590	584	3, 189	2, 537	652
Employed.....	2, 911	2, 772	2, 262	510	3, 100	2, 532	568	3, 047	2, 413	634
In agriculture.....	606	716	652	64	658	620	38	688	651	37
In nonagricultural industries.....	2, 305	2, 056	1, 610	446	2, 442	1, 912	530	2, 359	1, 762	597
Unemployed.....	97	106	92	14	74	58	16	142	124	18
Not in labor force.....	8, 628	9, 150	3, 274	5, 876	9, 812	3, 490	6, 322	10, 150	3, 693	6, 457
INCOME IN PREVIOUS YEAR										
Total, 65 years and over <sup>4</sup> .....	11, 636	12, 028	5, 628	6, 400	12, 986	6, 080	6, 906	13, 339	6, 230	7, 109
Number of persons with income.....	8, 239	8, 527	5, 003	3, 524	9, 685	5, 599	4, 086	9, 890	5, 711	4, 179
Median income for persons with income.....	\$659	\$781	\$1, 008	\$536	\$874	\$1, 247	\$654	\$864	\$1, 150	\$659

<sup>1</sup> Based on new sample; not entirely comparable with previous years.

<sup>2</sup> Not available.

<sup>3</sup> Same as unrelated individuals, head of household.

<sup>4</sup> Excludes inmates of institutions 65 years and over: In 1950, total, 385,000; males, 175,000; females, 210,000.

<sup>5</sup> Same as head of household with no relatives in household.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, P-50, P-60, and records.

# **No. 294.—OLD-AGE AND SURVIVORS INSURANCE—SOCIAL SECURITY ACCOUNTS ESTABLISHED, WORKERS, AND AMOUNT OF TAXABLE EARNINGS; WORKERS IN COVERED EMPLOYMENT AND AMOUNT OF TOTAL EARNINGS: 1937 TO 1954**

[Data exclude joint coverage under the railroad retirement and old-age and survivors insurance programs. Beginning 1951, includes self-employed persons, except as noted. Corrected to Jan. 5, 1955]

YEAR OR QUARTER	Social security accounts established <sup>1</sup> (1,000)	Workers with taxable earnings during period <sup>2</sup> (1,000)	TAXABLE EARNINGS <sup>3</sup>		Workers in covered employment during period <sup>4</sup> (1,000)	ALL EARNINGS IN COVERED EMPLOYMENT <sup>5</sup>	
			Total (millions)	Average per worker		Total (millions)	Average per worker
1937-----	37,139	32,904	\$29,615	\$900	32,904	\$32,770	\$996
1940-----	5,227	35,393	32,974	932	35,393	35,668	1,008
1945-----	3,321	46,392	62,945	1,357	46,392	71,560	1,543
1946-----	3,022	48,845	69,088	1,414	48,845	79,260	1,623
1947-----	2,728	48,908	78,372	1,602	48,908	92,449	1,890
1948-----	2,720	49,018	84,122	1,716	49,018	102,255	2,086
1949-----	2,340	46,796	81,808	1,748	46,796	99,989	2,137
1950-----	2,891	48,283	87,498	1,812	48,283	109,804	2,274
1951 <sup>7</sup> -----	4,927	58,000	120,700	\$ 2,080	58,000	149,000	\$ 2,570
1952 <sup>7</sup> -----	4,363	60,000	128,800	\$ 2,150	60,000	161,000	\$ 2,680
1953 <sup>7</sup> -----	3,464	61,000	137,000	\$ 2,250	61,000	175,000	\$ 2,870
<b>1953<sup>7</sup> °</b>							
January-March-----	736	47,000	36,300	772	47,000	37,000	\$ 790
April-June-----	1,016	48,300	36,000	745	48,500	39,000	\$ 800
July-September-----	1,020	47,800	31,000	649	49,500	39,000	\$ 790
October-December-----	692	41,700	22,800	547	48,500	42,000	\$ 870
<b>1954<sup>7</sup> °</b>							
January-March-----	534	45,000	35,000	\$ 780	45,000	36,000	\$ 800

<sup>1</sup> Excludes number under railroad retirement program.

<sup>2</sup> Quarterly data unadjusted for workers employed during quarter but not reported after quarter in which they received their first \$3,000 in year before 1951, and \$3,600 in year after 1950.

<sup>3</sup> Unadjusted for nontaxable earnings erroneously reported and earnings excluded in benefit computations. Earnings in excess of \$3,000 a year before 1951 and \$3,600 a year after 1950 paid to worker by any 1 employer are not taxable.

<sup>4</sup> Quarterly data adjusted for workers employed during quarter but not reported after quarter in which they received their first \$3,000 in year before 1951 and their first \$3,600 in year after 1950.

<sup>5</sup> Includes all earnings of workers earning over \$3,000 a year before 1951 and \$3,600 a year after 1950.

<sup>6</sup> Includes 17,202,000 accounts established in 1936.

<sup>7</sup> Preliminary, except social security accounts established.

<sup>8</sup> Rounded to nearest \$10.

<sup>9</sup> Except for social security accounts established, quarterly data exclude self-employed persons.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance. Data appear periodically in *Social Security Bulletin*.

## **No. 295.—OLD-AGE AND SURVIVORS INSURANCE—AMOUNT OF PAYMENTS: 1940 TO 1954**

[In thousands of dollars. Corrected to Jan. 5, 1955]

TYPE	1940	1945	1948	1949	1950	1951	1952	1953	1954
<b>Total payments-----</b>	<b>35,351</b>	<b>273,885</b>	<b>556,174</b>	<b>667,164</b>	<b>961,094</b>	<b>1,885,201</b>	<b>2,194,129</b>	<b>3,006,298</b>	<b>3,670,163</b>
Payments under 1939, 1946, 1950, and 1952 amendments:									
Monthly benefits, total <sup>1</sup> -----	23,521	247,758	523,859	634,006	928,354	1,827,864	2,130,831	2,918,847	3,577,934
Old-age-----	14,761	125,788	299,861	372,925	556,896	1,134,919	1,327,713	1,884,179	2,339,622
Wife's or husband's-----	1,947	20,639	48,554	59,955	88,060	174,814	199,616	275,134	337,568
Child's-----	3,905	53,770	89,549	99,750	141,940	271,336	309,870	384,867	451,034
Widow's or widower's-----	420	20,122	47,524	60,058	88,820	155,977	191,249	248,121	303,610
Mother's-----	2,410	26,527	36,464	39,136	49,161	82,260	92,406	114,495	132,734
Parent's-----	78	912	1,907	2,182	3,477	8,558	9,977	12,051	13,366
Lump-sum-----	8,586	26,108	32,315	33,158	32,740	57,337	63,298	87,451	92,229
Lump-sum payments under 1935 act <sup>2</sup> -----	3,247	19							

<sup>1</sup> Distribution by type estimated.

<sup>2</sup> Payable with respect to workers who died before January 1940.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance. Data appear annually in *Social Security Bulletin*.



No. 296.—OLD-AGE AND SURVIVORS INSURANCE—NUMBER AND AMOUNT OF MONTHLY BENEFITS, BY TYPE: 1940 TO 1954

[Corrected to Jan. 5, 1955]

ITEM AND YEAR	Total	Old-age	Wife's or husband's	Child's	Widow's or widower's	Mother's	Parent's
<b>BENEFITS IN CURRENT-PAYMENT STATUS, END OF YEAR</b>							
<b>Number:</b>							
1940.....	222,488	112,331	29,749	54,648	4,437	20,499	824
1945.....	1,288,107	518,234	159,168	390,134	93,781	120,581	6,209
1949.....	2,742,808	1,285,893	390,583	639,437	261,336	152,121	13,438
1950.....	3,477,243	1,770,984	508,350	699,703	314,189	169,438	14,579
1951.....	4,378,985	2,278,470	646,890	846,247	384,265	203,782	19,331
1952.....	5,025,549	2,643,932	737,859	938,751	454,563	228,984	21,460
1953.....	5,981,420	3,222,348	887,845	1,053,195	540,653	253,873	23,506
1954.....	6,886,480	3,775,134	1,015,892	1,160,770	638,091	271,536	25,057
<b>Total monthly amount (1,000):</b>							
1940.....	\$4,070	\$2,539	\$361	\$668	\$90	\$402	\$11
1945.....	23,801	12,538	2,040	4,858	1,893	2,391	81
1949.....	56,074	33,437	5,376	8,427	5,442	3,207	185
1950.....	126,857	77,678	11,995	19,366	11,481	5,801	535
1951.....	154,791	96,008	14,710	22,739	13,849	6,776	709
1952.....	205,179	130,217	19,178	28,141	18,482	8,273	887
1953.....	253,792	164,659	24,017	32,517	22,096	9,517	986
1954.....	339,342	223,272	32,271	40,996	29,526	12,089	1,189
<b>Average monthly benefit:</b>							
1940.....		\$22.60	\$12.13	\$12.22	\$20.28	\$19.61	\$13.09
1945.....		24.19	12.82	12.45	20.19	19.83	13.05
1949.....		26.00	13.76	13.18	20.82	21.08	13.77
1950.....		43.86	23.60	27.68	36.54	34.24	36.70
1951.....		42.14	22.74	26.87	36.04	33.25	36.68
1952.....		49.25	25.99	29.98	40.66	36.13	41.33
1953.....		51.10	27.05	30.87	40.87	37.49	41.96
1954.....		59.14	31.77	35.32	46.27	44.52	47.44
<b>BENEFITS AWARDED DURING YEAR <sup>1</sup></b>							
<b>Number:</b>							
1940.....	254,984	132,335	34,555	59,382	4,600	23,260	852
1945.....	462,463	185,174	63,068	127,514	29,844	55,108	1,755
1949.....	682,241	337,273	117,356	118,922	62,928	43,087	2,675
1950 (under 1939 amendments).....	384,334	183,223	66,685	67,730	40,681	24,595	1,420
1950 (under 1950 amendments).....	578,294	383,908	96,083	54,911	26,054	16,506	832
1951.....	1,336,431	702,990	228,876	230,502	89,582	78,332	6,149
1952 (under 1950 amendments).....	472,977	203,107	73,751	103,168	53,204	37,342	2,405
1952 (under 1952 amendments).....	580,326	328,099	103,956	80,177	39,098	27,533	1,463
1953.....	1,419,462	771,671	246,856	212,178	112,866	71,945	3,946
1954 (under 1952 amendments).....	804,249	437,870	135,911	120,952	67,168	40,298	2,050
1954 (under 1954 amendments).....	597,484	312,044	100,847	91,841	60,851	30,478	1,423
<b>Total monthly amount (1,000):</b>							
1940.....	\$4,710	\$3,005	\$420	\$725	\$94	\$456	\$11
1945.....	8,805	4,650	822	1,614	602	1,094	23
1949.....	15,343	9,575	1,726	1,688	1,346	969	39
1950 (under 1939 amendments).....	8,749	5,318	1,002	970	881	557	21
1950 (under 1950 amendments).....	17,485	12,761	1,894	1,253	961	585	31
1951.....	42,282	26,388	4,701	5,322	3,125	2,524	221
1952 (under 1950 amendments).....	15,315	8,054	1,591	2,486	1,866	1,232	86
1952 (under 1952 amendments).....	27,435	19,065	3,101	2,450	1,593	1,162	64
1953.....	65,772	43,797	7,197	6,727	4,678	3,194	180
1954 (under 1952 amendments).....	37,481	24,952	3,970	3,860	2,795	1,810	94
1954 (under 1954 amendments).....	31,870	20,707	3,465	3,302	2,786	1,534	76
<b>Average monthly benefit:</b>							
1940.....		\$22.71	\$12.15	\$12.20	\$20.36	\$19.60	\$13.09
1945.....		25.11	13.03	12.66	20.17	19.85	13.11
1949.....		28.39	14.71	14.19	21.39	22.49	14.58
1950 (under 1939 amendments).....		29.02	15.03	14.32	21.66	22.65	14.79
1950 (under 1950 amendments).....		33.24	19.71	22.82	36.88	35.44	37.26
1951.....		37.54	20.54	23.09	34.88	32.22	35.94
1952 (under 1950 amendments).....		39.65	21.57	24.10	35.07	33.00	35.89
1952 (under 1952 amendments).....		58.11	29.83	30.55	40.75	42.20	43.58
1953.....		56.76	29.15	31.70	41.44	44.40	45.55
1954 (under 1952 amendments).....		56.98	29.21	31.91	41.61	44.92	46.06
1954 (under 1954 amendments).....		66.36	34.36	35.95	45.78	50.33	53.35

<sup>1</sup> Represents new entitlements.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance. Data appear periodically in *Social Security Bulletin*.

**No. 297.—OLD-AGE AND SURVIVORS INSURANCE—ESTIMATED NUMBER OF EMPLOYERS REPORTING TAXABLE WAGES, THEIR PAY-PERIOD EMPLOYMENT, AND AMOUNT OF TAXABLE WAGES, BY SIZE OF FIRM: FIRST QUARTER 1945 TO 1953**

[Corrected to April 21, 1955]

ITEM AND PERIOD JAN.-MAR.	Total	SIZE OF FIRM (number of employees) <sup>1</sup>									
		0	1 to 3	4 to 7	8 to 19	20 to 49	50 to 99	100 to 499	500 to 999	1,000 to 9,999	10,000 or more
EMPLOYERS <sup>2</sup> (thousands)											
1945-----	2,001.0	23.3	1,174.3	404.0	233.4	100.5	34.0	25.6	3.2	2.6	0.2
1946-----	2,280.0	29.2	1,288.0	482.1	293.3	115.9	38.1	27.7	3.1	2.5	0.2
1947-----	2,486.7	40.4	1,415.7	519.6	314.8	121.6	39.6	28.9	3.3	2.8	0.2
1948-----	2,590.0	42.4	1,488.5	537.2	325.0	122.3	39.3	29.0	3.3	2.7	0.2
1949-----	2,639.3	50.0	1,544.8	535.4	317.1	120.0	38.4	27.7	3.1	2.6	0.2
1951 <sup>3</sup> -----	2,776.6	(4)	1,670.9	562.3	333.5	130.5	42.1	30.8	3.4	2.9	0.2
1953 <sup>3</sup> -----	2,813.4	(4)	1,682.4	572.8	340.7	135.8	43.9	31.1	3.5	2.9	0.2
PAY-PERIOD EMPLOYMENT <sup>5</sup> (thousands)											
1945-----	32,803	0	1,949	2,078	2,759	3,018	2,322	5,269	2,233	6,554	6,623
1946-----	32,483	0	2,194	2,507	3,496	3,483	2,611	5,581	2,157	6,183	4,270
1947-----	35,057	0	2,382	2,650	3,704	3,599	2,676	5,782	2,269	6,794	5,201
1948-----	35,805	0	2,497	2,739	3,832	3,662	2,690	5,779	2,281	6,812	5,513
1949-----	34,689	0	2,549	2,716	3,732	3,576	2,609	5,485	2,139	6,492	5,391
1951 <sup>3</sup> -----	38,101	0	2,775	2,899	3,987	3,928	2,885	6,122	2,311	7,110	6,084
1953 <sup>3</sup> -----	39,977	0	2,778	2,949	4,067	4,086	3,016	6,095	2,372	7,438	7,177
TAXABLE WAGES <sup>6</sup> (millions)											
1945-----	\$17,938	\$23	\$662	\$793	\$1,148	\$1,408	\$1,165	\$2,740	\$1,242	\$4,043	\$4,715
1946-----	16,840	18	779	1,010	1,614	1,800	1,386	2,992	1,190	3,570	2,483
1947-----	20,805	28	950	1,193	1,917	2,086	1,595	3,542	1,437	4,534	3,523
1948-----	23,080	35	1,059	1,310	2,112	2,289	1,728	3,847	1,587	4,975	4,138
1949-----	23,376	42	1,121	1,366	2,204	2,360	1,769	3,754	1,523	4,940	4,297
1951 <sup>3</sup> -----	29,000	(4)	1,390	1,614	2,617	2,872	2,182	4,769	1,882	6,173	5,501
1953 <sup>3</sup> -----	34,030	(4)	1,525	1,798	2,923	3,271	2,502	5,244	2,141	7,165	7,460

<sup>1</sup> Measured by employer's pay-period employment.

<sup>2</sup> An employer is a legal entity, such as corporation, partnership, or single ownership, for which a single tax return is filed.

<sup>3</sup> Data for 1951 represent employers in the scope of 1st quarter 1951 *County Business Patterns*; data for 1953 represent employers in the "regular" group of first quarter 1953 *County Business Patterns*. These data are essentially comparable with those for previous years. 1953 figures are preliminary.

<sup>4</sup> Data for firm size "0" combined with size "1 to 3."

<sup>5</sup> Total number of workers employed during pay period ending nearest to Mar. 15.

<sup>6</sup> Wages paid by employers for covered employment during period, excluding wages over \$3,000 paid by any one employer to any worker in a calendar year prior to 1951, and over \$3,600 beginning 1951.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance.



No. 298.—OLD-AGE AND SURVIVORS INSURANCE—REPORTING UNITS, EMPLOYMENT, AND TAXABLE PAYROLLS, BY STATES AND TERRITORIES: FIRST QUARTER, 1953

[Payrolls in thousands of dollars. Employee figures are for mid-March pay period. Data exclude self-employed and railroad employees]

STATE OR TERRITORY	Employees, mid-March	Taxable payrolls, January-March	Total reporting units	NUMBER OF REPORTING UNITS, BY EMPLOYEE-SIZE CLASS					
				0 to 3	4 to 7	8 to 19	20 to 49	50 to 99	100 or more
<b>Total<sup>1</sup></b>	39,865,871	33,976,498	2,939,604	1,690,196	597,428	377,825	165,770	57,472	50,913
Alabama	518,426	347,739	37,396	19,044	9,293	5,305	2,323	743	688
Arizona	160,791	135,662	15,798	9,266	3,160	2,076	859	263	174
Arkansas	236,843	145,859	25,552	14,833	5,350	3,474	1,234	366	295
California	3,017,257	2,861,163	243,411	142,964	46,658	31,262	14,099	4,659	3,769
Colorado	296,488	238,825	30,335	17,343	6,771	3,808	1,565	511	337
Connecticut	754,296	687,066	44,638	27,098	7,634	5,614	2,451	881	960
Delaware	116,118	106,751	7,172	3,960	1,442	1,023	450	139	158
District of Columbia	228,886	188,888	17,971	9,824	3,508	2,700	1,224	425	290
Florida	689,419	474,032	70,260	38,534	16,615	9,096	3,808	1,354	853
Georgia	710,045	460,548	50,290	24,547	12,860	7,535	3,223	1,144	981
Idaho	95,249	74,633	11,813	6,994	2,404	1,573	579	168	95
Illinois	2,839,213	2,606,793	185,050	109,424	35,361	22,298	10,220	3,898	3,849
Indiana	1,207,013	1,079,237	73,533	41,227	16,525	9,009	3,980	1,372	1,420
Iowa	477,694	357,707	54,886	33,960	11,784	5,863	2,148	644	487
Kansas	400,808	318,573	41,386	24,150	9,620	4,805	1,862	564	385
Kentucky	475,206	366,510	39,024	22,410	7,770	5,396	2,127	669	652
Louisiana	527,504	380,199	40,218	21,713	8,114	6,170	2,611	877	733
Maine	203,199	142,689	18,769	11,551	3,735	2,112	812	274	285
Maryland	620,512	491,285	39,519	20,974	8,355	5,915	2,629	887	759
Massachusetts	1,485,098	1,201,582	93,907	51,639	19,129	12,940	5,874	2,124	2,201
Michigan	2,133,135	2,168,460	116,045	65,875	25,890	13,554	6,296	2,236	2,284
Minnesota	638,717	526,753	57,681	33,613	12,465	7,009	2,911	936	747
Mississippi	247,757	140,158	24,082	12,601	5,921	3,495	1,342	426	297
Missouri	1,045,741	834,164	79,383	45,481	17,217	9,324	4,342	1,612	1,407
Montana	100,189	81,679	13,719	8,286	2,897	1,700	615	148	73
Nebraska	237,364	170,346	28,152	16,946	6,281	3,086	1,197	406	236
Nevada	49,359	46,440	4,787	2,734	972	688	249	80	64
New Hampshire	140,875	99,126	11,904	7,284	2,149	1,459	574	196	242
New Jersey	1,565,935	1,437,107	105,495	65,014	17,508	12,734	5,857	2,183	2,199
New Mexico	113,341	90,388	12,553	6,912	2,740	1,906	675	207	113
New York	4,934,176	4,492,118	370,421	226,598	60,766	46,655	22,593	7,714	6,095
North Carolina	832,627	538,927	56,520	28,397	13,773	8,317	3,555	1,274	1,204
North Dakota	64,128	43,825	10,812	6,651	2,371	1,182	471	105	32
Ohio	2,594,146	2,439,857	149,501	85,065	29,275	19,813	8,796	3,196	3,356
Oklahoma	392,124	308,173	40,925	23,159	9,384	5,187	2,158	617	420
Oregon	351,364	311,544	36,283	22,021	6,643	4,582	1,964	643	430
Pennsylvania	3,194,280	2,719,533	182,631	102,161	36,458	24,187	10,989	4,401	4,435
Rhode Island	254,621	195,849	16,226	9,534	2,769	2,109	1,019	403	392
South Carolina	436,590	295,221	27,857	14,249	7,043	4,007	1,556	470	532
South Dakota	77,641	50,819	12,684	7,900	2,782	1,373	484	100	45
Tennessee	651,480	453,202	46,810	24,727	11,078	6,409	2,696	994	906
Texas	1,777,010	1,375,025	157,147	87,333	35,948	19,844	8,721	3,037	2,264
Utah	135,973	112,532	12,505	6,929	2,624	1,813	734	240	165
Vermont	74,264	56,112	7,664	4,729	1,402	906	408	113	106
Virginia	671,685	458,760	52,275	27,357	12,020	7,868	3,137	1,043	850
Washington	532,670	486,200	49,175	29,558	9,333	6,155	2,660	830	639
West Virginia	411,667	346,591	28,606	16,195	6,353	3,616	1,418	468	556
Wisconsin	896,339	781,888	69,439	41,697	13,763	8,415	3,303	1,116	1,145
Wyoming	52,280	43,900	6,975	4,022	1,472	1,007	347	89	38
Alaska	19,355	23,913	2,454	1,433	517	332	115	36	21
Hawaii	93,333	68,951	7,577	4,207	1,582	1,074	426	153	135

<sup>1</sup> Includes covered employment on ocean-borne vessels; not included in State figures.

Source: Department of Commerce, Bureau of the Census, and Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance; cooperative report, *County Business Patterns, First Quarter, 1953, Part 1, U. S. Summary.*

# No. 299.—OLD-AGE AND SURVIVORS INSURANCE—PERCENTAGE DISTRIBUTION OF COVERED WORKERS, BY AGE AND SEX: 1949 TO 1952

[Estimates; corrected to Jan. 5, 1955]

SEX AND AGE <sup>1</sup>	1949	1950	1951	1952 <sup>2</sup>		
				Total	Male	Female
All workers.....	100.0	100.0	100.0	100.0		
Male.....	67.5	67.6	66.2	65.8		
Female.....	32.5	32.4	33.8	34.2		
All workers.....	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 years.....	9.2	9.3	9.1	9.2	8.0	11.6
20 to 24 years.....	14.8	14.6	12.4	11.3	9.1	15.6
25 to 29 years.....	14.0	13.9	12.9	12.6	12.6	12.7
30 to 34 years.....	12.4	12.4	12.2	12.4	12.7	11.8
35 to 39 years.....	11.6	11.6	11.7	11.5	11.9	10.7
40 to 44 years.....	10.3	10.4	10.7	11.0	11.1	10.9
45 to 49 years.....	8.5	8.4	9.2	9.2	9.4	8.9
50 to 54 years.....	6.7	7.0	7.4	7.8	8.1	7.3
55 to 59 years.....	5.4	5.4	6.1	6.1	6.8	4.8
60 to 64 years.....	3.9	3.9	4.4	4.6	5.3	3.3
65 years and over.....	3.2	3.1	3.8	4.2	5.1	2.6

<sup>1</sup> Age at birthday in specified year.<sup>2</sup> Preliminary.Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance; *Handbook of Old-Age and Survivors Insurance Statistics*.

# No. 300.—OLD-AGE AND SURVIVORS INSURANCE—PERCENTAGE DISTRIBUTION OF COVERED WAGE AND SALARY WORKERS, BY AMOUNT OF CREDITABLE WAGES AND MEDIAN WAGES: 1949 TO 1952

[Corrected to Jan. 5, 1955]

ITEM	1949	1950	1951	1952 <sup>1</sup>		
				Total	Male	Female
Estimated number of workers with wages.....1,000.....	46,796	48,283	54,600	56,100	36,100	20,000
PERCENTAGE DISTRIBUTION						
All workers.....	100.0	100.0	100.0	100.0	100.0	100.0
\$1 to \$599.....	24.6	23.4	22.5	21.7	15.9	32.2
\$600 to \$1,199.....	12.5	12.2	11.9	11.3	8.4	16.5
\$1,200 to \$1,799.....	12.4	11.8	10.8	10.1	7.3	15.0
\$1,800 to \$2,399.....	13.3	12.3	11.1	10.6	8.2	15.0
\$2,400 to \$2,999.....	12.1	11.4	10.4	10.1	9.6	11.0
\$3,000 to \$3,599 <sup>2</sup> .....	25.1	28.9	9.6	9.1	10.7	6.2
\$3,600.....	( <sup>2</sup> )	( <sup>2</sup> )	23.6	27.1	39.9	4.0
MEDIAN WAGES						
All workers.....	\$1,821	\$1,926	\$2,050	\$2,175		
Male.....	2,362	2,532	2,850	3,025		
Female.....	1,074	1,124	1,150	1,250		

<sup>1</sup> Preliminary.<sup>2</sup> Wages above \$3,000 were not credited during 1949 and 1950.Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance; *Handbook of Old-Age and Survivors Insurance Statistics*.



No. 301.—OLD-AGE AND SURVIVORS INSURANCE—INDIVIDUAL BENEFICIARIES AND BENEFITS, BY STATES AND OTHER AREAS: 1954

[In thousands. Partly estimated; corrected to Dec. 27, 1954]

STATE OR OTHER AREA <sup>1</sup>	BENEFITS IN CURRENT-PAYMENT STATUS, JUNE 30, 1954		AMOUNT OF PAYMENTS CERTIFIED IN FISCAL YEAR 1954					Number of lump-sum death payments certified in fiscal year 1954 <sup>4</sup>
	Number	Monthly amount	Total	Monthly benefits <sup>2</sup>			Lump-sum death payments <sup>3</sup>	
				Old-age	Supplementary	Survivor		
<b>Total</b> .....	6,468.8	\$278,702	\$3,275,457	\$2,068,404	\$318,614	\$798,264	\$90,175	540.0
Alabama.....	94.3	3,251	38,518	20,700	3,388	13,305	1,125	7.6
Arizona.....	28.4	1,152	13,644	7,941	1,192	4,097	414	2.5
Arkansas.....	55.6	1,906	22,389	13,826	2,186	5,833	544	3.8
California.....	525.1	23,351	273,376	183,647	24,785	58,270	6,674	39.7
Colorado.....	53.2	2,196	25,741	16,523	2,524	6,073	621	3.8
Connecticut.....	109.9	5,340	62,635	40,759	6,264	13,891	1,721	9.6
Delaware.....	14.8	660	7,772	4,927	739	1,871	235	1.4
District of Columbia.....	24.3	1,042	12,323	7,925	891	3,092	415	2.8
Florida.....	160.3	6,876	80,178	54,412	8,704	15,421	1,641	10.7
Georgia.....	96.3	3,283	39,067	20,789	3,101	13,878	1,299	9.0
Idaho.....	21.2	825	9,751	6,175	924	2,348	304	1.9
Illinois.....	390.6	17,874	211,157	134,122	20,357	49,693	6,985	39.9
Indiana.....	186.1	7,952	93,389	58,861	9,753	22,282	2,493	15.0
Iowa.....	95.5	3,852	45,009	29,740	4,926	9,321	1,022	6.6
Kansas.....	70.3	2,795	32,777	21,185	3,533	7,227	832	5.4
Kentucky.....	102.7	3,792	44,688	25,485	4,249	13,788	1,166	7.2
Louisiana.....	75.1	2,713	32,198	17,761	2,624	10,778	1,035	6.9
Maine.....	55.9	2,296	26,743	13,046	2,617	5,550	530	3.4
Maryland.....	89.6	3,847	45,519	27,259	3,989	12,775	1,496	8.9
Massachusetts.....	282.4	13,230	154,582	102,856	15,372	32,695	3,659	21.2
Michigan.....	280.6	13,039	153,446	93,798	15,893	39,427	4,328	24.2
Minnesota.....	113.9	4,851	56,881	37,460	5,819	12,141	1,461	8.9
Mississippi.....	45.8	1,459	17,369	9,583	1,457	5,734	595	4.2
Missouri.....	164.2	6,875	80,872	52,738	8,023	17,756	2,355	14.5
Montana.....	22.5	929	10,900	7,013	936	2,684	267	1.8
Nebraska.....	43.3	1,720	20,255	13,281	2,168	4,198	608	3.8
Nevada.....	6.4	274	3,238	2,115	202	819	102	0.6
New Hampshire.....	34.2	1,480	17,290	11,791	1,652	3,441	406	2.5
New Jersey.....	250.0	11,895	140,139	88,844	14,085	32,858	4,352	24.4
New Mexico.....	16.5	563	6,668	3,492	533	2,461	182	1.2
New York.....	732.0	33,785	396,992	261,450	37,805	86,305	11,432	65.1
North Carolina.....	107.6	3,718	44,196	23,223	3,628	15,922	1,423	9.9
North Dakota.....	12.1	443	5,231	3,323	504	1,248	156	0.9
Ohio.....	387.8	17,595	206,830	128,626	21,751	50,663	5,790	33.2
Oklahoma.....	70.0	2,645	31,138	18,940	2,994	8,388	816	5.2
Oregon.....	82.8	3,621	42,284	29,121	4,074	8,143	946	5.4
Pennsylvania.....	535.6	24,548	288,640	179,443	29,456	71,609	8,132	47.1
Rhode Island.....	47.6	2,205	25,790	17,331	2,531	5,284	644	3.7
South Carolina.....	56.1	1,857	22,076	10,890	1,679	8,832	675	5.0
South Dakota.....	16.5	630	7,433	4,762	768	1,680	223	1.4
Tennessee.....	95.8	3,374	39,896	22,483	3,492	12,772	1,149	7.7
Texas.....	212.7	7,932	94,000	52,656	8,379	30,063	2,902	19.2
Utah.....	24.0	978	11,536	6,440	1,209	3,571	316	1.9
Vermont.....	19.0	783	9,132	5,998	918	2,022	194	1.2
Virginia.....	106.5	4,026	47,572	26,860	4,218	15,131	1,363	8.8
Washington.....	124.3	5,559	64,943	44,383	6,273	12,800	1,487	9.0
West Virginia.....	92.1	3,694	43,300	24,304	4,288	13,827	881	5.2
Wisconsin.....	154.3	6,774	79,488	51,015	8,547	17,805	2,121	12.4
Wyoming.....	8.7	358	4,258	2,681	372	1,049	156	0.9
Alaska.....	3.5	136	1,572	1,052	64	385	71	0.5
Hawaii.....	14.8	576	6,740	4,190	495	1,919	136	0.9
Puerto Rico.....	16.2	420	4,703	3,133	419	1,043	108	0.8
Virgin Islands.....	0.2	5	60	44	3	11	2	( <sup>5</sup> )
Foreign.....	39.8	1,724	19,133	13,002	1,861	4,085	185	1.2

<sup>1</sup> Beneficiary's State of residence.

<sup>2</sup> Distribution by type of benefit estimated. Supplementary benefits paid to aged wives, wives under age 65 with child beneficiaries in their care, dependent aged husbands, and children of old-age beneficiaries. Survivor benefits paid to following survivors of deceased insured workers: aged widows, dependent aged widowers, children, widowed mothers or divorced wives with child beneficiaries in their care, or dependent aged parents.

<sup>3</sup> Distribution by State based on 10-percent sample.

<sup>4</sup> Distribution by State based on 10-percent sample; exceeds number of deceased workers with respect to whose wage records lump-sum death payments were certified. <sup>5</sup> Less than 50.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance. Data appear periodically in *Social Security Bulletin*.

**No. 302.—OLD-AGE AND SURVIVORS INSURANCE—SAMPLE (0.1 PERCENT) OF WORKERS EMPLOYED AT SOME TIME 1937-52, BY AGE, SEX, AND INSURANCE STATUS: 1953**

[As of Jan. 1, 0.1-percent sample of all workers with earnings credits identified for posting by July 1953, only partly adjusted for duplication of workers with more than 1 account. Age represents age at birthday in 1952. Since data are a 0.1-percent sample, they are subject to sampling variation which may be relatively large where figures shown are small. Mechanical processes and the extent of adjustment for delayed earnings records may cause data to differ slightly from corresponding data in other tables published by B.O.A.S.I. Corrected to Dec. 20, 1954]

AGE AND SEX	Total, 0.1- percent sample	FULLY INSURED <sup>1</sup>			UNINSURED <sup>1</sup>			Deceased, benefit awarded
		Total	Perma- nently	Not perma- nently	Total	New en- trants during 1952	Workers with pre- vious employ- ment	
<b>Total <sup>2</sup></b>	98,390	68,668	26,161	42,507	26,015	3,484	22,531	3,707
Under 20 years	6,157	1,638	( <sup>3</sup> )	1,638	4,519	2,013	2,506	( <sup>3</sup> )
20 to 24 years	10,633	7,174	2	7,172	3,429	372	3,057	30
25 to 29 years	12,585	9,628	404	9,224	2,862	154	2,708	95
30 to 34 years	12,753	9,692	2,041	7,651	2,848	142	2,706	213
35 to 39 years	11,044	8,593	3,246	5,347	2,268	148	2,120	183
40 to 44 years	9,967	7,807	3,367	4,440	1,953	151	1,802	207
45 to 49 years	8,213	6,414	3,136	3,278	1,563	123	1,440	236
50 to 54 years	7,183	5,374	3,273	2,101	1,521	108	1,413	288
55 to 59 years	5,975	4,285	3,053	1,232	1,307	109	1,198	383
60 to 64 years	4,821	3,274	2,913	361	1,096	76	1,020	451
65 to 69 years	3,802	2,486	2,486	( <sup>1</sup> )	834	52	782	482
70 to 74 years	2,419	1,395	1,395	( <sup>1</sup> )	573	23	550	451
75 years and over	2,196	829	829	( <sup>1</sup> )	682	12	670	685
<b>Male <sup>2</sup></b>	58,296	42,602	19,925	22,677	12,426	1,792	10,634	3,268
Under 20 years	3,552	965	( <sup>3</sup> )	965	2,587	1,140	1,447	( <sup>3</sup> )
20 to 24 years	5,592	3,890	2	3,888	1,673	185	1,488	29
25 to 29 years	6,482	5,320	197	5,123	1,087	83	1,004	75
30 to 34 years	6,842	5,579	1,422	4,157	1,089	55	1,034	174
35 to 39 years	6,247	5,219	2,585	2,634	884	62	822	144
40 to 44 years	5,723	4,822	2,668	2,154	734	54	680	167
45 to 49 years	4,918	4,114	2,433	1,681	606	42	564	198
50 to 54 years	4,422	3,530	2,437	1,093	648	40	608	244
55 to 59 years	3,968	2,990	2,278	712	641	44	597	337
60 to 64 years	3,409	2,398	2,181	217	604	37	567	407
65 to 69 years	2,817	1,889	1,889	( <sup>1</sup> )	488	30	458	440
70 to 74 years	1,930	1,122	1,122	( <sup>1</sup> )	397	13	384	411
75 years and over	1,870	700	700	( <sup>1</sup> )	531	6	525	639
<b>Female <sup>2</sup></b>	40,094	26,066	6,236	19,830	13,589	1,692	11,897	439
Under 20 years	2,605	673	( <sup>3</sup> )	673	1,932	873	1,059	( <sup>3</sup> )
20 to 24 years	5,041	3,284	( <sup>3</sup> )	3,284	1,756	187	1,569	1
25 to 29 years	6,103	4,308	207	4,101	1,775	71	1,704	20
30 to 34 years	5,911	4,113	619	3,494	1,759	87	1,672	39
35 to 39 years	4,797	3,374	661	2,713	1,384	86	1,298	39
40 to 44 years	4,244	2,985	699	2,286	1,219	97	1,122	40
45 to 49 years	3,295	2,300	703	1,597	957	81	876	38
50 to 54 years	2,761	1,844	836	1,008	873	68	805	44
55 to 59 years	2,007	1,295	775	520	666	65	601	46
60 to 64 years	1,412	876	732	144	492	39	453	44
65 to 69 years	985	597	597	( <sup>1</sup> )	346	22	324	42
70 to 74 years	489	273	273	( <sup>1</sup> )	176	10	166	40
75 years and over	326	129	129	( <sup>1</sup> )	151	6	145	46

<sup>1</sup> If a worker who is fully insured dies, certain of his survivors are eligible for benefits. If a worker is fully insured and has reached age 65, he is eligible for old-age benefits. A worker who has already gained sufficient coverage to be fully insured at age 65 is permanently insured. An uninsured worker is one on the basis of whose earnings record no benefits would be payable. Changes in insurance status resulting from earnings credits for military service and coordination with Railroad Retirement programs only partially reflected. A substantial number of deceased workers on whose earnings record no benefit was awarded are concentrated principally among the uninsured with previous employment.

<sup>2</sup> 642 workers of unreported age, of whom 524 are male and 118 are female, are included in totals but not shown separately.

<sup>3</sup> No workers in sample cell.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Old-Age and Survivors Insurance; *Handbook of Old-Age and Survivors Insurance Statistics*.



# No. 303.—SUMMARY OF SELECTED OPERATIONS OF STATE EMPLOYMENT SECURITY AGENCIES: 1942 TO 1954

[Includes Alaska and Hawaii for all items, Puerto Rico and Virgin Islands for employment service only. For Federal grants for administration, see table 291. Corrected to Jan. 31, 1955]

YEAR AND QUARTER	UNEMPLOYMENT INSURANCE						
	Covered employment and wages			Contributions		Interest credited to trust fund	Weekly average insured unemployment under State programs
	Average employment <sup>1</sup>	Wages <sup>2</sup>		Amount collected <sup>4</sup>	Rate payable		
		Total	Taxable <sup>3</sup>				
	1,000	Millions	Millions	1,000		1,000	1,000
1942.....	29,349	\$54,796	\$49,721	\$1,139,331	2.19	\$68,179	649
1943.....	30,828	66,117	59,049	1,325,421	<sup>5</sup> 2.09	81,849	147
1944.....	30,044	69,139	60,637	1,317,050	<sup>5</sup> 1.92	102,007	105
1945.....	28,407	66,642	58,545	1,161,884	<sup>5</sup> 1.71	126,505	589
1946.....	30,234	73,402	63,690	911,835	<sup>5</sup> 1.43	129,667	1,295
1947.....	32,278	86,595	72,981	1,095,520	1.41	138,953	1,009
1948.....	33,088	96,095	78,536	999,635	1.24	154,924	1,002
1949.....	31,695	93,863	76,268	986,905	1.31	156,472	1,976
1950.....	32,887	103,130	81,545	1,191,438	1.50	145,687	1,503
1951.....	34,858	118,717	90,252	1,492,509	1.58	158,265	969
1952.....	35,577	127,814	94,676	1,367,676	1.45	177,351	1,024
1953.....	36,667	139,151	99,630	1,347,630	1.30	201,277	995
1954.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	1,136,154	( <sup>6</sup> )	198,603	1,865
1st quarter.....	34,991	32,565	31,222	215,877	1.07	52,274	2,138
2d quarter.....	35,221	33,590	29,342	336,664	1.09	51,128	2,066
3d quarter.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	325,670	( <sup>6</sup> )	48,006	1,716
4th quarter.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	257,944	( <sup>6</sup> )	47,195	1,540

YEAR AND QUARTER	UNEMPLOYMENT INSURANCE—continued				EMPLOYMENT SERVICE			
	Beneficiaries <sup>7</sup>	Benefit payments		Funds available at end of period <sup>9</sup>	New applications	Counseling interviews	Placements	
		Amount <sup>8</sup>	Weekly average for total unemployment				Total	Nonagricultural
	1,000	1,000		Millions	1,000	1,000	1,000	1,000
1942.....	2,815	\$344,084	\$12.66	\$3,388	9,593	( <sup>6</sup> )	10,221	6,920
1943.....	664	79,643	13.84	4,716	7,417	( <sup>6</sup> )	12,253	9,393
1944.....	533	62,385	15.90	6,072	2,176	( <sup>6</sup> )	12,219	11,446
1945.....	2,861	445,866	18.77	6,914	5,757	( <sup>6</sup> )	10,811	9,808
1946.....	4,461	1,094,850	18.50	6,860	10,404	1,400	7,140	5,519
1947.....	3,984	776,165	17.83	7,303	6,867	1,398	6,328	5,280
1948.....	4,008	793,265	19.03	7,603	6,754	1,206	11,910	5,386
1949.....	7,364	1,737,279	20.48	7,010	8,524	952	13,508	4,443
1950.....	5,212	1,373,426	20.76	6,972	7,752	1,297	13,409	5,625
1951.....	4,127	840,411	21.09	7,782	7,330	1,321	15,328	6,552
1952.....	4,384	998,237	22.79	8,328	7,273	1,296	15,555	6,501
1953.....	4,228	962,221	23.58	8,913	7,865	1,273	15,582	6,295
1954.....	6,590	2,026,866	24.93	8,219	9,054	1,244	14,070	5,158
1st quarter.....	2,180	553,352	24.64	8,627	2,532	298	1,463	1,076
2d quarter.....	1,781	577,397	24.72	8,442	2,365	332	3,285	1,338
3d quarter.....	1,403	484,370	25.06	8,329	2,113	283	5,465	1,437
4th quarter.....	1,226	420,437	25.46	8,219	2,044	331	3,857	1,307

<sup>1</sup> Until January 1945, represents covered employment on last payroll ending in month; thereafter, employment on payroll ending nearest fifteenth of month. Annual figures represent averages of 12 monthly figures.

<sup>2</sup> Total wages in covered employment for all pay periods ending within period.

<sup>3</sup> Wages subject to contributions under State unemployment insurance laws.

<sup>4</sup> Includes contributions, penalties, and interest from employers, and contributions from employees in 2 States. Adjusted for refunds of contributions and for dishonored contribution checks.

<sup>5</sup> Includes effect of war-risk contributions.

<sup>6</sup> Not available.

<sup>7</sup> Represents first payments.

<sup>8</sup> Annual figures are adjusted, but quarterly figures are not adjusted, for voided benefit checks. For 1947-50 includes small amounts paid to seamen under the Reconversion Unemployment Benefits for Seamen program. Program expired June 30, 1950.

<sup>9</sup> Sum of balances in State clearing account and benefit-payment account, and in State unemployment trust fund account in U. S. Treasury. State unemployment trust fund accounts include interest credited.

Source: Department of Labor, Bureau of Employment Security.

# No. 304.—UNEMPLOYMENT INSURANCE—AVERAGE EMPLOYMENT, TOTAL AND TAX- ABLE WAGES COVERED, BY STATES AND TERRITORIES: 1952 AND 1953

[Corrected to Jan. 31, 1955]

STATE OR TERRITORY	Minimum coverage provisions for size of firm <sup>1</sup>	AVERAGE EMPLOYMENT <sup>2</sup> (1,000)		WAGES (\$1,000)				AVERAGE CONTRIBUTION RATE PAYABLE (percent)	
		1952	1953	Total <sup>3</sup>		Taxable <sup>4</sup>		1952	1953
				1952	1953	1952	1953		
<b>Total</b>		35,577	36,667	127,813,586	139,150,839	94,676,182	99,629,891	1.45	1.30
Alabama	8 in 20 weeks	437	442	1,269,244	1,351,987	1,040,558	1,063,563	1.15	1.00
Arizona	3 in 20 weeks	137	145	489,441	545,786	377,721	409,730	1.54	1.23
Arkansas	1 in 10 days	242	238	615,541	628,934	523,681	525,648	1.52	1.32
California	1 at any time <sup>5</sup>	2,941	3,075	11,477,085	12,618,227	8,438,041	9,009,378	2.09	1.36
Colorado	8 in 20 weeks	233	236	817,581	873,560	623,405	645,041	0.97	0.39
Connecticut	4 in 13 weeks	694	723	2,629,072	2,886,823	1,923,749	2,028,988	1.85	1.23
Delaware	1 in 20 weeks	114	117	424,886	463,837	294,617	313,098	0.63	0.52
Dist. of Col.	1 at any time	227	224	769,004	795,000	561,818	570,598	0.68	0.51
Florida	8 in 20 weeks <sup>6</sup>	476	505	1,408,121	1,589,009	1,138,222	1,253,199	0.84	0.71
Georgia	8 in 20 weeks	587	607	1,630,104	1,767,341	1,324,151	1,403,001	1.22	1.22
Idaho	1 at any time <sup>7</sup>	98	97	324,350	328,682	259,749	258,670	1.76	1.75
Illinois	6 in 20 weeks	2,459	2,543	9,759,145	10,656,613	6,848,589	7,220,883	1.10	0.90
Indiana	8 in 20 weeks	999	1,058	3,796,728	4,267,792	2,810,623	3,025,310	0.74	0.72
Iowa	8 in 15 weeks	371	372	1,234,964	1,301,984	958,275	984,326	0.49	0.56
Kansas	8 in 20 weeks	319	320	1,117,625	1,191,658	863,732	889,036	1.03	0.99
Kentucky	8 in 20 weeks <sup>8</sup>	432	436	1,394,539	1,494,961	1,104,260	1,136,929	1.68	1.68
Louisiana	4 in 20 weeks	494	515	1,518,026	1,673,288	1,181,347	1,269,816	1.82	1.39
Maine	8 in 20 weeks	177	179	532,566	555,849	444,077	455,742	1.63	1.59
Maryland	1 at any time	626	640	1,990,465	2,166,806	1,547,871	1,624,563	0.96	0.80
Massachusetts	1 in 13 weeks	1,458	1,485	4,753,973	5,070,501	3,636,350	3,769,468	2.70	2.70
Michigan	8 in 20 weeks	1,714	1,880	7,427,366	8,724,080	5,059,342	5,686,745	1.52	1.56
Minnesota	1 in 20 weeks <sup>10</sup>	584	605	2,014,258	2,208,029	1,497,702	1,581,638	0.77	0.78
Mississippi	8 in 20 weeks	197	203	490,908	526,829	420,387	442,288	1.26	1.23
Missouri	8 in 20 weeks	855	883	2,959,113	3,236,132	2,205,738	2,337,920	0.56	0.60
Montana	1 in 20 weeks <sup>11</sup>	106	107	356,633	370,746	286,388	284,269	1.87	1.27
Nebraska	8 in 20 weeks <sup>12</sup>	182	186	577,981	624,676	453,055	475,987	0.53	0.52
Nevada	1 at any time <sup>13</sup>	48	54	186,621	220,052	147,209	168,122	1.83	1.87
New Hampshire	4 in 20 weeks	132	134	389,819	409,364	324,973	334,026	1.87	1.74
New Jersey	4 in 20 weeks	1,425	1,465	5,510,935	5,953,101	3,961,000	4,148,828	1.49	1.59
New Mexico	2 in 13 weeks <sup>14</sup>	114	120	373,750	412,031	297,918	315,799	1.30	1.35
New York	4 in 15 days	4,473	4,578	17,284,400	18,651,598	12,165,549	12,735,426	2.35	2.06
North Carolina	8 in 20 weeks	707	726	1,907,287	2,036,957	1,615,131	1,690,382	1.22	1.22
North Dakota	8 in 20 weeks	49	50	157,525	169,199	124,661	131,222	1.53	1.49
Ohio	3 at any time	2,395	2,513	9,285,782	10,364,564	6,618,434	7,111,772	1.14	1.05
Oklahoma	8 in 20 weeks	308	316	1,065,527	1,144,355	804,435	839,199	1.13	1.00
Oregon	4 in 6 weeks <sup>15</sup>	333	329	1,270,999	1,298,393	963,229	959,943	1.17	1.16
Pennsylvania	1 at any time	3,162	3,217	10,865,298	11,763,727	8,179,915	8,479,747	1.04	1.08
Rhode Island	4 in 20 weeks	236	240	769,833	807,502	607,026	624,350	2.70	2.70
South Carolina	8 in 20 weeks	374	372	1,073,456	1,099,099	891,213	890,376	1.55	1.44
South Dakota	8 in 20 weeks <sup>16</sup>	54	54	166,339	175,731	132,261	137,048	0.98	0.80
Tennessee	8 in 20 weeks	537	562	1,595,242	1,772,897	1,283,204	1,387,847	1.51	1.51
Texas	8 in 20 weeks	1,411	1,432	4,801,895	5,101,428	3,632,905	3,748,427	0.57	0.49
Utah	1 at any time <sup>17</sup>	138	143	456,550	492,511	351,041	363,200	1.09	1.09
Vermont	8 in 20 weeks	63	66	198,437	215,930	160,775	170,419	1.48	1.26
Virginia	8 in 20 weeks	561	570	1,670,866	1,773,060	1,346,581	1,394,841	0.60	0.56
Washington	1 at any time	546	553	2,059,146	2,173,516	1,550,141	1,588,835	1.74	1.72
West Virginia	8 in 20 weeks	370	356	1,314,102	1,363,110	1,012,695	996,446	1.24	0.98
Wisconsin	6 in 18 weeks <sup>18</sup>	792	804	2,943,287	3,131,665	2,142,145	2,211,439	0.90	0.88
Wyoming	1 at any time <sup>19</sup>	58	60	195,038	207,878	153,371	157,863	1.41	1.06
Alaska	1 at any time	33	31	203,681	192,563	153,832	138,340	2.70	2.70
Hawaii	1 at any time	98	101	289,052	301,478	233,090	240,160	0.84	0.89

<sup>1</sup> Employer becomes subject to State unemployment insurance law when he has employed specified minimum number of workers on at least 1 day in each of specified number of weeks within current or preceding calendar year; coverage provisions shown are in effect for 1952 and 1953.

<sup>2</sup> A average of 12 monthly figures, each of which is total number of workers in covered employment in pay periods ending nearest 15th of month. <sup>3</sup> Total wages in covered employment for all pay periods ending in year.

<sup>4</sup> Wages subject to unemployment insurance tax; only the first \$3,000 of an employee's wages from a single employer in a calendar year are taxable. <sup>5</sup> And wages of \$100 in any calendar quarter.

<sup>6</sup> For 1952, 8 in 20 weeks or 8 in 8 weeks and payroll in excess of \$12,000 in any quarter.

<sup>7</sup> And wages of \$75 in a calendar quarter. <sup>8</sup> Or 25 in 1 week.

<sup>9</sup> Or 4 in 3 quarters of preceding year with wages of at least \$50 to each of at least 4 workers during each of 3 calendar quarters. <sup>10</sup> But 8 in 20 weeks for employers located outside the corporate limits of a city, village or borough of 10,000 or more population. <sup>11</sup> Or wages of \$500 in a calendar year.

<sup>12</sup> Or wages of \$10,000 in any calendar quarter. <sup>13</sup> And wages of \$225 in any calendar quarter.

<sup>14</sup> Or 1 at any time and wages of \$450 in a calendar quarter. <sup>15</sup> And wages of \$500 in same calendar quarter.

<sup>16</sup> For 1952, 8 in 20 weeks or \$24,000 in a year. <sup>17</sup> And wages of \$140 in any calendar quarter.

<sup>18</sup> Or wages of \$6,000 in preceding calendar year. Includes employers with wages of \$10,000 in a calendar quarter toward which not more than \$1,000 per employee need be counted.

<sup>19</sup> And wages of \$500 in a calendar year.

Source: Department of Labor, Bureau of Employment Security.



## No. 305.—UNEMPLOYMENT INSURANCE ACTIVITIES—STATE AND VETERANS PROGRAMS, BY STATES AND OTHER AREAS: 1954

[In thousands, except average weekly benefit payments. Corrected to Jan. 31, 1955]

STATE OR OTHER AREA	Weekly average insured unemployment <sup>1</sup>	STATE UNEMPLOYMENT INSURANCE					UNEMPLOYMENT COMPENSATION FOR VETERANS <sup>6</sup>		
		Initial claims <sup>2</sup>	Beneficiaries <sup>3</sup>	Weeks compensated	Amount of benefit payments <sup>4</sup>	Average weekly benefit payments <sup>5</sup>	Beneficiaries <sup>7</sup>	Weeks compensated	Amount benefits paid
<b>Total</b> .....	<b>2, 051</b>	<b>15, 781</b>	<b>6, 590</b>	<b>84, 295</b>	<b>\$2,026,866</b>	<b>\$24. 93</b>	<b><sup>8</sup> 511</b>	<b><sup>8</sup> 4, 685</b>	<b><sup>9</sup> \$107, 798</b>
Alabama.....	31	190	79	1, 053	18, 902	18. 40	18	176	4, 010
Arizona.....	6	54	20	206	4, 395	21. 34	4	26	578
Arkansas.....	17	128	49	522	9, 201	18. 25	9	73	1, 702
California.....	140	1, 273	508	6, 145	142, 783	24. 06	38	267	5, 560
Colorado.....	6	52	19	215	5, 418	25. 81	4	31	780
Connecticut.....	30	279	117	1, 340	35, 263	27. 17	4	28	596
Delaware.....	4	29	14	168	3, 531	21. 56	1	10	188
Dist. of Col.....	6	45	20	244	4, 493	18. 49	4	32	685
Florida.....	19	169	69	678	11, 883	17. 85	10	62	1, 327
Georgia.....	32	216	102	1, 254	23, 373	19. 32	10	101	2, 433
Idaho.....	6	30	18	224	5, 171	23. 29	3	20	476
Illinois.....	133	843	468	5, 468	133, 369	25. 64	22	197	4, 750
Indiana.....	54	511	223	2, 517	60, 643	24. 89	14	160	3, 838
Iowa.....	10	77	41	426	9, 104	22. 42	4	30	724
Kansas.....	11	78	45	527	12, 318	24. 05	4	29	628
Kentucky.....	47	203	108	1, 813	39, 929	22. 56	15	189	4, 464
Louisiana.....	22	166	62	892	19, 208	22. 36	6	67	1, 612
Maine.....	13	110	50	545	9, 837	19. 18	5	38	851
Maryland.....	28	252	144	1, 343	32, 846	25. 49	9	73	1, 741
Massachusetts.....	70	611	246	3, 125	74, 906	24. 95	18	138	2, 667
Michigan.....	117	904	416	5, 060	147, 842	29. 73	18	230	5, 901
Minnesota.....	28	161	88	1, 227	26, 696	22. 65	13	107	2, 117
Mississippi.....	17	118	50	597	11, 034	19. 24	9	76	1, 848
Missouri.....	43	303	153	1, 802	36, 666	21. 46	15	155	3, 085
Montana.....	4	32	14	158	3, 228	20. 47	2	17	337
Nebraska.....	5	35	19	216	4, 997	23. 74	2	15	362
Nevada.....	2	25	10	117	3, 430	30. 13	( <sup>9</sup> )	2	56
New Hampshire.....	10	85	35	434	8, 597	21. 35	2	14	252
New Jersey.....	85	770	294	4, 230	117, 252	28. 49	8	74	1, 858
New Mexico.....	5	37	16	201	4, 838	24. 49	4	30	727
New York.....	243	2, 726	796	11, 242	287, 453	26. 95	29	222	4, 983
North Carolina.....	48	471	172	2, 265	37, 574	17. 15	15	136	3, 133
North Dakota.....	3	13	8	105	2, 616	25. 84	3	18	426
Ohio.....	100	715	320	4, 469	126, 403	29. 01	18	179	4, 239
Oklahoma.....	15	122	44	535	12, 408	23. 90	8	58	1, 427
Oregon.....	24	188	85	1, 080	24, 049	22. 83	8	62	1, 278
Pennsylvania.....	225	1, 890	725	10, 234	260, 776	26. 68	24	256	6, 262
Rhode Island.....	22	203	70	1, 012	22, 881	23. 54	3	44	875
South Carolina.....	20	149	67	863	15, 564	18. 56	9	95	2, 180
South Dakota.....	2	11	6	58	1, 290	22. 86	3	19	459
Tennessee.....	51	241	143	1, 995	37, 517	19. 06	17	199	4, 717
Texas.....	36	252	127	1, 342	23, 722	17. 95	22	190	4, 395
Utah.....	6	45	20	248	6, 111	25. 50	3	19	480
Vermont.....	4	27	14	155	3, 322	22. 38	1	11	206
Virginia.....	23	164	107	883	16, 697	19. 30	14	139	3, 184
Washington.....	38	299	122	1, 569	38, 149	24. 61	12	84	1, 995
West Virginia.....	40	198	108	1, 549	34, 801	23. 22	16	204	4, 701
Wisconsin.....	33	218	<sup>3</sup> 121	1, 422	40, 024	28. 71	8	87	2, 231
Wyoming.....	2	16	9	95	2, 637	28. 83	1	5	115
Alaska.....	4	19	16	229	7, 759	33. 67	1	5	127
Hawaii.....	5	25	15	200	3, 961	21. 50	3	33	709
Puerto Rico.....	3	1	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	14	129	3, 339
Virgin Islands.....	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>9</sup> )	2	49

<sup>1</sup> Includes insured unemployment under: (1) State programs; (2) veterans' program exclusive of veterans filing at same time under State programs; and (3) railroad unemployment insurance program, not distributed by State.

<sup>2</sup> Excludes transitional initial claims; Puerto Rico and Virgin Islands take claims as agents for some States.

<sup>3</sup> Represents number of first payments during year; Wisconsin figure represents first payments on "per employer" basis.

<sup>4</sup> Adjusted for voided benefit checks and transfers under interstate combined wage plan.

<sup>5</sup> For total unemployment.

<sup>6</sup> Under provisions of Veterans Readjustment Assistance Act of 1952, effective October 15, 1952.

<sup>7</sup> Cumulative Oct. 15, 1952, through Dec. 31, 1954.

<sup>8</sup> Includes payments to veterans supplementing railroad unemployment program, not distributed by State:

(1) 2,300 beneficiaries, (2) 22,500 compensated weeks, and (3) \$136,200 paid in benefits.

<sup>9</sup> Less than 500. <sup>10</sup> Not applicable.

Source: Department of Labor, Bureau of Employment Security.

# No. 306.—UNEMPLOYMENT INSURANCE—CONTRIBUTIONS COLLECTED AND BENEFITS PAID UNDER STATE LAWS, BY STATES AND TERRITORIES: 1953 AND 1954

[In thousands of dollars, except ratios. Corrected to Jan. 31, 1955]

STATE OR TERRITORY	Month and year benefits first payable	Funds available for benefits as of Dec. 31, 1952 <sup>1</sup>	CONTRIBUTIONS COLLECTED <sup>2</sup>		BENEFITS PAID <sup>3</sup>		RATIO OF BENEFITS TO CONTRIBUTIONS (percent)		FUNDS AVAILABLE FOR BENEFITS <sup>1</sup>	
			1953	1954	1953	1954	1953	1954	Dec. 31, 1953	Dec. 31, 1954
<b>Total</b>		8,327,560	1,347,630	1,136,154	962,221	2,026,866	71.4	178.4	8,912,821	8,219,084
Alabama	Jan. 1938	71,672	14,545	12,218	10,520	18,902	72.3	154.7	77,453	72,534
Arizona	do	40,409	5,410	5,318	2,568	4,395	47.5	82.6	44,233	46,173
Arkansas	Jan. 1939	43,704	7,372	6,281	6,014	9,201	81.6	146.5	46,076	44,172
California	Jan. 1938	765,514	131,992	124,125	97,363	142,783	73.8	115.0	818,528	818,725
Colorado	Jan. 1939	67,927	3,435	2,600	2,117	5,418	61.6	208.4	70,851	69,631
Connecticut	Jan. 1938	210,922	27,365	23,668	7,966	35,263	29.1	149.0	235,540	229,372
Delaware	Jan. 1939	16,966	1,725	1,452	1,167	3,531	67.7	243.2	17,933	16,243
Dist. of Columbia	Jan. 1938	54,163	3,138	2,532	2,365	4,493	75.4	177.4	56,227	55,570
Florida	Jan. 1939	81,710	9,347	9,203	7,780	11,883	83.2	129.1	85,188	84,462
Georgia	do	127,645	17,336	17,331	10,226	23,373	59.0	134.9	137,833	134,936
Idaho	Sept. 1938	33,857	4,653	4,369	3,684	5,171	79.2	118.4	35,609	35,598
Illinois	July 1939	502,954	69,326	46,934	51,085	133,369	73.7	284.2	533,500	458,666
Indiana	Apr. 1938	222,729	22,804	21,975	16,748	60,643	73.4	276.0	234,142	200,453
Iowa	July 1938	107,634	5,547	4,156	5,088	9,104	91.7	219.1	110,634	108,219
Kansas	Jan. 1939	76,142	8,990	8,886	7,041	12,318	78.3	138.6	79,917	78,308
Kentucky	do	140,869	20,594	17,589	17,665	39,929	85.8	227.0	147,135	127,966
Louisiana	Jan. 1938	116,761	18,051	14,308	10,356	19,208	57.4	134.2	127,259	125,278
Maine	do	42,106	7,335	7,056	5,788	9,837	78.9	139.4	44,665	42,896
Maryland	do	127,975	13,535	10,050	11,911	32,846	88.0	326.8	132,631	112,667
Massachusetts	do	183,369	102,673	77,475	41,081	74,906	40.0	96.7	250,032	258,520
Michigan	July 1938	379,441	90,799	69,186	39,485	147,842	43.5	213.7	440,508	371,410
Minnesota	Jan. 1938	130,146	12,631	11,568	11,021	26,696	87.3	230.8	134,799	122,609
Mississippi	Apr. 1938	43,377	5,445	5,146	6,641	11,034	122.0	214.4	43,186	38,232
Missouri	Jan. 1939	220,507	14,073	15,412	15,534	36,666	110.4	237.9	224,259	208,060
Montana	July 1939	39,526	3,939	3,563	2,347	3,228	59.6	90.6	42,058	43,373
Nebraska	Jan. 1939	40,467	2,500	2,799	2,577	4,997	103.1	178.5	41,331	40,061
Nevada	do	15,103	3,137	3,460	1,567	3,430	50.0	99.1	17,028	17,439
New Hampshire	Jan. 1938	21,908	5,963	5,680	5,877	8,597	98.6	151.4	22,504	20,066
New Jersey	Jan. 1939	477,680	77,246	73,159	59,757	117,252	77.4	160.3	506,649	473,944
New Mexico	Dec. 1938	32,256	4,241	3,401	2,455	4,838	57.9	142.3	34,825	34,186
New York	Jan. 1938	1,191,005	271,061	213,604	178,597	287,453	65.9	134.6	1,311,985	1,267,384
North Carolina	do	176,777	21,435	23,930	20,973	37,574	97.8	157.0	181,417	171,840
North Dakota	Jan. 1939	11,056	1,987	2,171	1,987	2,616	100.0	120.5	11,305	11,109
Ohio	do	624,457	79,413	43,092	32,542	126,403	41.0	293.3	686,487	618,149
Oklahoma	Dec. 1938	53,336	8,738	7,315	7,251	12,408	83.0	169.6	56,101	52,265
Oregon	Jan. 1938	77,684	11,485	11,030	19,208	24,049	167.2	218.0	71,666	60,114
Pennsylvania	do	561,058	84,580	88,167	102,359	260,776	121.0	295.8	555,958	394,051
Rhode Island	do	23,286	17,189	15,668	12,565	22,881	73.1	146.0	28,521	21,856
South Carolina	July 1938	65,715	13,621	10,867	9,055	15,564	66.5	143.2	71,902	68,835
South Dakota	Jan. 1939	12,574	1,251	856	730	1,290	58.4	150.7	13,397	13,271
Tennessee	Jan. 1938	107,156	21,216	20,361	16,369	37,517	77.2	184.3	114,568	99,876
Texas	do	268,168	20,005	15,149	11,891	23,722	59.4	156.6	282,597	280,455
Utah	do	34,668	4,078	4,006	3,168	6,111	77.7	152.5	36,385	35,083
Vermont	do	16,108	2,267	1,828	1,299	3,322	57.3	181.7	17,464	16,364
Virginia	do	93,579	8,570	6,171	8,203	16,697	95.7	270.6	96,141	87,715
Washington	Jan. 1939	187,832	27,589	28,643	29,027	38,149	105.2	133.2	190,808	185,639
West Virginia	Jan. 1938	91,239	10,401	6,787	13,954	34,801	134.2	512.8	89,802	63,556
Wisconsin	July 1936	247,563	19,837	18,632	17,934	40,024	90.4	214.8	255,369	239,699
Wyoming	Jan. 1939	15,686	1,765	1,431	814	2,637	46.1	184.3	17,013	16,183
Alaska	do	9,766	3,809	3,330	5,641	7,759	148.1	233.0	8,115	3,797
Hawaii	do	23,410	2,188	2,213	2,858	3,961	130.6	179.0	23,286	22,066

<sup>1</sup> Sum of balances in State clearing account and benefit-payment account, and in State unemployment trust fund account in U. S. Treasury. State unemployment trust fund accounts include interest credited.

<sup>2</sup> Contributions, penalties, and interest from employers and contributions from employees. Adjusted for refunds of contributions and for dishonored contribution checks.

<sup>3</sup> Adjusted for voided benefit checks.

Source: Department of Labor, Bureau of Employment Security.



**No. 307.—UNEMPLOYMENT INSURANCE—AVERAGE EMPLOYMENT AND TOTAL WAGES COVERED, BY MAJOR INDUSTRY GROUP: 1952 and 1953**

[In thousands. "N.e.c." means not elsewhere classified. Corrected to Jan. 31, 1955]

INDUSTRY GROUP <sup>1</sup>	AVERAGE MONTHLY EMPLOYMENT <sup>2</sup>		TOTAL WAGES <sup>3</sup>	
	1952	1953	1952	1953
<b>Total, all industries</b> .....	<b>35,577</b>	<b>36,667</b>	<b>\$127,813,586</b>	<b>\$139,150,839</b>
<b>Agriculture, forestry, and fishing</b> .....	<b>78</b>	<b>78</b>	<b>232,319</b>	<b>240,360</b>
Farms.....	12	11	34,635	35,728
Agriculture and similar service establishments.....	49	50	129,880	138,722
Forestry.....	2	2	4,364	5,436
Fishing.....	16	15	63,440	60,474
<b>Mining</b> .....	<b>868</b>	<b>826</b>	<b>3,570,672</b>	<b>3,651,460</b>
Metal mining.....	103	107	470,161	524,329
Anthracite mining.....	64	54	223,866	182,940
Bituminous and other soft-coal mining.....	327	283	1,243,926	1,198,176
Crude-petroleum and natural-gas production.....	272	279	1,239,913	1,322,739
Nonmetallic mining and quarrying.....	102	103	392,806	423,276
<b>Contract construction</b> .....	<b>2,329</b>	<b>2,301</b>	<b>9,744,409</b>	<b>10,184,131</b>
Building construction—general contractors.....	882	838	3,570,859	3,572,534
General contractors, other than building.....	491	497	2,125,495	2,285,468
Construction—special-trade contractors.....	956	966	4,048,055	4,326,129
<b>Manufacturing</b> .....	<b>16,231</b>	<b>17,038</b>	<b>62,443,564</b>	<b>69,323,166</b>
Ordnance and accessories.....	176	232	741,499	1,016,983
Food and kindred products.....	1,536	1,540	5,368,921	5,693,726
Tobacco manufactures.....	103	103	265,811	277,852
Textile-mill products.....	1,194	1,186	3,562,712	3,587,998
Apparel and other finished products of fabrics.....	1,197	1,228	3,154,520	3,350,908
Lumber and wood products (except furniture).....	731	704	2,177,240	2,171,414
Furniture and fixtures.....	358	366	1,230,817	1,305,371
Paper and allied products.....	503	530	1,996,520	2,214,111
Printing, publishing, and allied industries.....	734	757	3,132,680	3,400,227
Chemicals and allied products.....	762	799	3,278,819	3,656,438
Products of petroleum and coal.....	251	255	1,242,378	1,326,229
Rubber products.....	267	279	1,100,286	1,191,827
Leather and leather products.....	381	383	1,089,506	1,127,236
Stone, clay, and glass products.....	525	535	1,954,947	2,138,710
Primary metal industries.....	1,251	1,336	5,508,854	6,296,485
Fabricated metal products (except ordnance, machinery, and transportation equipment).....	1,041	1,128	4,304,730	4,928,813
Machinery (except electrical).....	1,679	1,712	7,522,260	8,057,580
Electrical machinery, equipment, and supplies.....	1,085	1,216	4,295,156	5,033,153
Transportation equipment.....	1,707	1,934	7,744,723	9,391,987
Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.....	305	327	1,264,954	1,429,198
Miscellaneous manufacturing industries.....	447	488	1,506,231	1,726,922
<b>Transportation, communication, and other public utilities <sup>4</sup></b> .....	<b>2,689</b>	<b>2,747</b>	<b>10,105,009</b>	<b>11,054,632</b>
Local railways and bus lines.....	132	129	503,194	513,477
Trucking and warehousing for hire.....	638	671	2,393,827	2,721,104
Other transportation, except water transportation.....	317	321	1,115,985	1,182,615
Water transportation.....	146	140	727,614	803,482
Services allied to transportation, n. e. c.....	177	172	587,335	607,033
Communication: Telephone, telegraph, and related services.....	713	737	2,467,610	2,712,913
Utilities: Electric and gas.....	544	555	2,242,233	2,442,296
Local utilities and local public services, n. e. c.....	22	22	67,211	71,712
<b>Wholesale and retail trade</b> .....	<b>8,673</b>	<b>8,851</b>	<b>27,246,556</b>	<b>29,100,782</b>
Full-service and limited-function wholesalers.....	1,365	1,392	5,440,157	5,805,377
Wholesale distributors, other than full-service and limited-function wholesalers.....	1,060	1,085	4,786,692	5,137,125
Wholesale and retail trade combined, n. e. c.....	336	336	1,242,379	1,307,462
Retail general merchandise.....	1,379	1,378	3,143,090	3,270,434
Retail food and liquor stores.....	1,041	1,085	2,991,692	3,265,607
Retail automotive.....	685	717	2,718,702	2,972,915
Retail apparel and accessories.....	503	504	1,286,568	1,343,636
Retail trade, not elsewhere classified.....	1,065	1,079	3,184,184	3,370,523
Eating and drinking places.....	1,073	1,101	2,044,371	2,177,799
Retail filling stations.....	164	174	408,721	449,904
<b>Finance, insurance, and real estate</b> .....	<b>1,654</b>	<b>1,723</b>	<b>5,823,994</b>	<b>6,361,057</b>
Banks and trust companies.....	431	455	1,521,358	1,673,369
Security dealers and investment banking.....	61	61	308,041	315,631
Finance agencies, not elsewhere classified.....	133	143	475,874	537,100
Insurance carriers.....	542	572	1,992,809	2,219,027
Insurance agents, brokers, and services.....	111	116	410,193	452,016
Real estate.....	328	328	915,789	958,179
Real estate, insurance, loans, law offices: Any combination.....	39	40	139,208	147,888
Holding companies (except real estate).....	9	8	60,722	57,857

See footnotes at end of table.

**No. 307.—UNEMPLOYMENT INSURANCE—AVERAGE EMPLOYMENT AND TOTAL WAGES COVERED, BY MAJOR INDUSTRY GROUP: 1952 AND 1953—Continued**

[In thousands]

INDUSTRY GROUP <sup>1</sup>	AVERAGE MONTHLY EMPLOYMENT <sup>2</sup>		TOTAL WAGES <sup>3</sup>	
	1952	1953	1952	1953
<b>Service</b> .....	2,995	3,052	\$8,482,990	\$9,088,706
Hotels, rooming houses, camps, and other lodging places.....	436	443	861,659	910,529
Personal services.....	673	671	1,542,261	1,616,991
Business services, not elsewhere classified.....	481	513	1,877,253	2,097,710
Employment agencies and commercial and trade schools.....	37	33	111,366	104,601
Automobile repair services and garages.....	146	148	447,017	476,232
Miscellaneous repair services and hand trades.....	109	108	404,622	425,541
Motion pictures.....	226	218	667,460	657,096
Amusement and recreation and related services, n. e. c.....	243	246	539,832	580,611
Medical and other health services.....	206	222	490,054	550,938
Law offices and related services.....	57	59	194,635	214,977
Educational institutions and agencies.....	23	24	59,701	64,116
Other professional and social-service agencies and institutions.....	137	145	693,892	764,351
Nonprofit membership organizations.....	201	204	540,919	580,366
Private households.....	14	13	30,885	31,009
Regular governmental establishments.....	8	5	21,434	13,638
<b>Establishments not elsewhere classified <sup>5</sup></b> .....	<b>59</b>	<b>51</b>	<b>164,073</b>	<b>146,535</b>

<sup>1</sup> Industry titles from 1942 edition of *Social Security Board Industrial Classification Code* for nonmanufacturing industries and 1945 edition of *Standard Industrial Classification Manual* for manufacturing industries.

<sup>2</sup> Average of 12 monthly figures, each of which is total of numbers of workers in covered employment in pay periods ending nearest fifteenth of month.

<sup>3</sup> Total wages in covered employment for all pay periods ending in year.

<sup>4</sup> Excludes railroad and allied groups subject, as of July 1, 1939, to Railroad Unemployment Insurance Act.

<sup>5</sup> Includes data for firms whose activities are not classifiable in any of above industries and data for firms not classified due to lack of sufficient information regarding nature of business.

Source: Department of Labor, Bureau of Employment Security.

**No. 308.—NONAGRICULTURAL PLACEMENTS MADE BY PUBLIC EMPLOYMENT OFFICES, BY SEX, VETERAN STATUS, INDUSTRY, AND OCCUPATION: 1953 AND 1954**

[Corrected to Jan. 31, 1955]

INDUSTRY DIVISION AND OCCUPATION GROUP	TOTAL		MALE		VETERAN	
	1953	1954	1953 <sup>1</sup>	1954 <sup>2</sup>	1953 <sup>1</sup>	1954 <sup>2</sup>
<b>All industries</b> .....	<b>6,295,019</b>	<b>5,158,342</b>	<b>3,721,061</b>	<b>2,774,223</b>	<b>1,498,942</b>	<b>1,196,600</b>
Forestry and fishing.....	19,511	12,534	13,469	7,237	3,081	2,032
Mining.....	39,288	26,963	36,370	23,942	15,508	11,071
Construction.....	570,896	458,759	560,144	445,148	209,559	180,015
Manufacturing.....	1,943,421	1,370,750	1,187,394	723,840	487,402	313,873
Transportation, communication, and other public utilities.....	311,453	214,478	289,810	185,498	136,274	96,040
Wholesale and retail trade.....	1,281,591	1,091,901	821,107	641,251	332,824	279,048
Finance, insurance, and real estate.....	96,974	87,796	43,777	38,231	17,622	16,556
Service.....	1,874,743	1,731,258	658,108	597,000	235,389	229,253
Domestic.....	1,233,259	1,139,416	291,513	273,112	97,973	98,375
Government.....	151,330	159,091	105,540	107,816	59,756	67,225
Establishments, n. e. c.....	5,812	4,812	5,342	4,260	1,527	1,487
<b>All occupations</b> .....	<b>6,295,019</b>	<b>5,158,342</b>	<b>3,721,061</b>	<b>2,774,223</b>	<b>1,498,942</b>	<b>1,196,600</b>
Professional and managerial.....	85,365	93,229	(3)	46,673	(3)	27,940
Clerical and sales.....	728,079	677,372	(3)	200,663	(3)	110,261
Service.....	1,828,323	1,641,670	(3)	479,149	(3)	166,920
Skilled.....	329,488	289,417	(3)	249,528	(3)	111,326
Semiskilled.....	828,620	645,053	(3)	317,815	(3)	150,922
Unskilled and other.....	2,495,144	1,811,601	(3)	1,480,395	(3)	629,231

<sup>1</sup> Distribution by industry includes estimated data for California for September through December.

<sup>2</sup> Excludes data for California for January-June. Data not available.

<sup>3</sup> Data by occupational group not available.

Source: Department of Labor, Bureau of Employment Security.



## No. 309.—SELECTED ACTIVITIES OF PUBLIC EMPLOYMENT OFFICES, BY STATES AND OTHER AREAS: 1954

[Corrected to Jan. 31, 1955]

STATE OR OTHER AREA	New applica- tions	Counseling interviews	PLACEMENTS				
			Total	Nonagricultural			
				Total	Male	Veteran	Handi- capped
<b>Total</b> -----	<b>9,053,656</b>	<b>1,243,895</b>	<b>14,070,494</b>	<b>5,158,342</b>	<b>2,846,289</b>	<b>1,237,112</b>	<b>188,079</b>
Alabama-----	147,456	11,050	191,666	104,156	57,995	17,122	1,561
Arizona-----	69,515	9,857	728,726	50,121	31,381	14,780	1,947
Arkansas-----	109,041	14,387	859,395	74,008	44,602	15,913	3,095
California-----	876,342	70,236	829,631	307,406	179,391	101,351	11,480
Colorado-----	79,690	11,366	207,979	63,783	47,564	23,031	1,639
Connecticut-----	164,148	18,104	105,108	91,789	43,877	18,524	4,522
Delaware-----	19,640	7,249	14,521	8,573	3,143	1,017	108
District of Columbia-----	59,539	9,853	35,522	35,493	18,215	8,740	399
Florida-----	139,164	16,916	338,514	181,018	96,597	39,785	8,322
Georgia-----	188,818	19,661	294,623	119,412	65,055	18,906	2,389
Idaho-----	34,937	6,283	166,220	31,260	22,999	13,185	709
Illinois-----	455,183	64,854	294,814	180,228	119,553	63,019	9,351
Indiana-----	232,522	20,860	161,953	62,820	30,733	15,947	3,625
Iowa-----	96,136	13,209	123,300	75,202	50,770	26,000	5,048
Kansas-----	85,936	10,468	119,530	93,040	69,186	30,198	1,562
Kentucky-----	146,689	22,545	100,190	48,591	26,072	8,430	1,317
Louisiana-----	129,766	18,847	208,800	84,021	51,418	19,829	1,741
Maine-----	29,735	7,201	62,762	21,939	12,426	4,880	769
Maryland-----	145,808	21,880	127,482	61,167	32,565	14,145	1,176
Massachusetts-----	225,550	52,943	244,513	187,651	92,193	41,811	6,909
Michigan-----	531,706	70,795	287,532	164,717	108,630	49,758	7,305
Minnesota-----	149,896	16,151	157,845	87,233	61,077	33,723	4,074
Mississippi-----	118,782	15,352	1,665,234	85,488	46,127	14,228	1,473
Missouri-----	248,645	28,881	328,161	94,132	47,555	19,793	2,770
Montana-----	40,744	5,151	65,923	31,827	24,224	12,999	1,206
Nebraska-----	51,309	6,648	85,165	54,816	44,556	21,586	1,312
Nevada-----	22,408	2,090	35,180	25,060	16,872	10,036	385
New Hampshire-----	31,795	3,237	18,830	15,610	10,056	4,145	752
New Jersey-----	267,946	21,292	318,549	131,076	50,603	19,842	2,565
New Mexico-----	45,819	5,779	77,507	33,331	22,723	8,827	695
New York-----	980,041	160,655	879,164	725,191	248,382	102,537	24,286
North Carolina-----	185,517	20,760	478,636	138,241	71,795	23,830	4,051
North Dakota-----	25,938	3,546	48,776	24,265	17,611	7,008	321
Ohio-----	557,052	75,132	358,752	231,104	150,656	64,919	16,731
Oklahoma-----	99,886	21,250	207,389	140,299	101,487	47,547	5,229
Oregon-----	98,857	17,787	320,309	60,896	43,828	22,207	3,605
Pennsylvania-----	631,075	92,515	390,816	196,947	81,063	39,198	5,487
Rhode Island-----	48,292	4,644	20,604	20,485	6,866	3,048	371
South Carolina-----	96,891	12,452	163,996	69,505	40,303	11,799	2,520
South Dakota-----	22,752	1,979	30,099	19,507	15,367	7,568	421
Tennessee-----	104,896	18,765	978,296	100,033	54,661	26,567	7,404
Texas-----	513,798	82,633	1,034,990	462,613	274,700	101,596	16,005
Utah-----	53,477	8,871	69,384	31,633	20,596	9,745	427
Vermont-----	18,795	2,506	20,498	12,500	8,044	3,790	270
Virginia-----	125,539	30,574	192,668	71,436	33,055	10,366	2,154
Washington-----	153,205	34,961	300,429	80,338	56,204	25,560	2,781
West Virginia-----	100,089	6,792	24,227	15,226	7,137	3,507	469
Wisconsin-----	162,696	23,338	220,511	91,535	49,890	20,791	4,412
Wyoming-----	17,140	3,464	21,233	12,587	9,516	4,408	144
Alaska-----	13,067	1,696	10,996	10,954	7,390	3,694	218
Hawaii-----	22,010	2,810	9,918	9,311	7,058	2,572	355
Puerto Rico-----	76,424	13,401	31,973	27,123	12,068	3,251	180
Virgin Islands-----	1,554	219	1,655	1,645	454	54	42

Source: Department of Labor, Bureau of Employment Security.

### No. 310.—RAILROAD EMPLOYEES AND RAILROAD RETIREMENT AND SURVIVOR BENEFITS, By CLASS: 1940 to 1954

ITEM	1940	1945	1949	1950	1951	1952	1953	1954
Number of employees-----1,000--	1, 708	3, 016	2, 094	2, 038	2, 080	2, 021	1, 968	(1)
NUMBER OF BENEFITS								
Monthly benefits awarded, total-----	23, 817	24, 213	63, 154	62, 474	56, 709	146, 402	77, 944	92, 183
Retirement annuities and pensions <sup>2</sup> -----	22, 180	23, 242	36, 020	35, 815	33, 531	126, 271	55, 389	55, 349
Survivor benefits-----	1, 637	971	27, 134	26, 659	23, 178	20, 131	22, 555	36, 834
Monthly benefits terminated, total-----	13, 343	14, 770	31, 340	34, 316	34, 973	45, 359	49, 791	50, 386
Retirement annuities and pensions <sup>2</sup> -----	12, 212	13, 915	20, 164	21, 293	21, 560	31, 264	34, 665	34, 657
Survivor benefits-----	1, 131	855	11, 176	13, 023	13, 413	14, 095	15, 126	15, 729
Monthly benefits in current-payment status at end of year, total-----	149, 241	177, 289	370, 071	396, 797	416, 786	514, 392	546, 480	589, 243
Retirement annuities and pensions <sup>2</sup> -----	145, 978	172, 875	241, 627	255, 065	267, 092	357, 952	381, 357	403, 186
Survivor benefits-----	3, 263	4, 414	128, 444	141, 732	149, 694	156, 440	165, 123	186, 057
Lump-sum death benefits awarded, total--	13, 378	20, 381	33, 205	34, 938	29, 716	25, 705	30, 450	26, 111
AMOUNT OF BENEFITS (\$1,000)								
Total <sup>2</sup> -----	118, 111	147, 050	291, 630	310, 845	330, 976	449, 030	475, 840	538, 431
Retirement annuities and pensions <sup>2</sup> -----	114, 166	137, 140	240, 894	254, 240	268, 733	361, 200	374, 112	428, 900
Survivor benefits:								
Monthly-----	1, 448	1, 772	39, 257	43, 884	49, 527	74, 085	83, 319	93, 201
Lump-sum-----	2, 497	8, 138	11, 480	12, 722	12, 716	13, 745	18, 409	16, 330

<sup>1</sup> Not available.

<sup>2</sup> Beginning 1951, includes annuities to spouses of retired employees which became payable Nov. 1, 1951.

Source: Railroad Retirement Board. Data are published on a fiscal-year basis in *Annual Report* and currently in *The Monthly Review*.

### No. 311.—RAILROAD UNEMPLOYMENT AND SICKNESS BENEFITS—SUMMARY OF OPERATIONS: 1940 to 1954

YEAR ENDING JUNE 30	Applica- tions re- ceived <sup>1</sup>	Claims received	BENEFIT PAYMENTS		Amount of benefits <sup>2</sup> (1,000)	Number of benefici- aries	Accounts exhausted
			Number	Average amount			
UNEMPLOYMENT BENEFITS							
1940-----	210, 823	1, 441, 213	(3)	(3)	\$14, 810	161, 000	29, 298
1941-----	181, 157	1, 257, 822	(3)	(3)	17, 699	164, 000	26, 652
1942-----	90, 151	517, 394	450, 698	\$19. 86	8, 890	80, 000	11, 368
1943-----	21, 816	100, 826	80, 584	22. 22	1, 753	18, 000	2, 512
1944-----	6, 839	27, 495	21, 587	26. 44	547	5, 000	434
1945-----	8, 959	34, 874	27, 547	26. 47	728	6, 000	626
1946-----	201, 112	847, 009	731, 435	28. 01	20, 517	157, 000	15, 388
1947-----	256, 900	1, 763, 264	1, 585, 995	29. 41	46, 617	225, 000	47, 639
1948-----	266, 671	1, 346, 574	1, 145, 940	28. 57	32, 427	210, 000	22, 469
1949-----	346, 795	1, 706, 112	1, 531, 124	30. 70	46, 745	286, 000	20, 331
1950-----	562, 294	3, 730, 733	3, 475, 121	32. 72	113, 769	506, 000	83, 131
1951-----	233, 403	1, 027, 727	911, 677	27. 53	24, 780	181, 000	16, 733
1952-----	219, 527	905, 331	823, 374	28. 06	22, 741	162, 000	10, 700
1953-----	264, 241	1, 305, 250	1, 202, 338	45. 26	53, 849	224, 000	15, 354
1954-----	315, 890	2, 118, 103	1, 980, 737	48. 68	95, 541	265, 000	34, 340
SICKNESS BENEFITS (including maternity benefits)							
1948-----	234, 926	799, 903	734, 276	<sup>4</sup> 39. 02	26, 604	150, 000	15, 957
1949-----	213, 570	921, 918	873, 464	<sup>4</sup> 39. 57	29, 823	179, 000	20, 627
1950-----	197, 023	896, 024	851, 780	<sup>4</sup> 40. 36	29, 487	160, 000	22, 107
1951-----	185, 671	825, 905	782, 883	<sup>4</sup> 40. 08	27, 003	143, 000	21, 866
1952-----	191, 620	800, 562	757, 850	<sup>4</sup> 40. 48	25, 898	143, 000	19, 847
1953-----	206, 610	918, 075	878, 074	<sup>4</sup> 58. 01	43, 526	158, 000	24, 306
1954-----	202, 645	942, 271	901, 516	<sup>4</sup> 59. 39	44, 904	154, 000	26, 233

<sup>1</sup> Application submitted for unemployment when worker applies for unemployment benefits for first time with respect to benefit year, for sickness at the beginning of each spell of sickness. Beginning with 1948, data include some applications submitted in June with respect to following year.

<sup>2</sup> Adjusted for settlement of underpayments and recovery of overpayments.

<sup>3</sup> Not reported on comparable basis. <sup>4</sup> Excluding maternity benefits.

Source: Railroad Retirement Board, *Annual Report*. Data published currently in *The Monthly Review*.



No. 312.—RAILROAD RETIREMENT, SURVIVOR, UNEMPLOYMENT, AND SICKNESS BENEFITS, BY STATE OF RESIDENCE OF BENEFICIARY: 1954

[In thousands of dollars. Retirement and survivor payment distributions based on preliminary estimates]

STATE	Total	Retire- ment	Survivor	Unem- ployment	Sickness (including maternity)
<b>Total</b> .....	744, 692	428, 900	109, 531	157, 088	49, 173
Alabama.....	10, 101	5, 422	1, 698	2, 208	772
Arizona.....	5, 106	2, 516	492	1, 680	418
Arkansas.....	9, 119	4, 579	1, 075	2, 880	586
California.....	45, 170	29, 549	6, 552	5, 406	3, 663
Colorado.....	9, 235	5, 652	1, 166	1, 833	584
Connecticut.....	3, 716	2, 421	865	213	217
Delaware.....	3, 102	1, 672	399	915	116
District of Columbia.....	1, 791	951	375	269	195
Florida.....	16, 555	12, 248	1, 827	1, 819	661
Georgia.....	11, 766	6, 548	2, 030	2, 197	992
Idaho.....	3, 216	1, 496	466	1, 009	245
Illinois.....	52, 258	30, 741	8, 216	9, 049	4, 252
Indiana.....	27, 099	16, 337	3, 855	5, 652	1, 254
Iowa.....	14, 536	9, 645	2, 491	1, 630	771
Kansas.....	15, 007	9, 102	2, 337	2, 515	1, 054
Kentucky.....	18, 320	9, 692	2, 426	5, 071	1, 131
Louisiana.....	8, 236	4, 143	1, 311	2, 051	731
Maine.....	3, 754	2, 498	605	413	238
Maryland.....	12, 889	6, 947	2, 104	3, 035	803
Massachusetts.....	11, 160	6, 713	2, 462	1, 289	696
Michigan.....	17, 382	10, 810	2, 724	2, 968	880
Minnesota.....	21, 498	12, 489	2, 987	4, 761	1, 261
Mississippi.....	5, 971	3, 476	862	1, 245	388
Missouri.....	25, 140	14, 358	3, 373	5, 662	1, 747
Montana.....	5, 066	2, 991	656	971	448
Nebraska.....	8, 629	5, 246	1, 253	1, 481	650
Nevada.....	1, 405	800	193	284	128
New Hampshire.....	2, 171	1, 341	406	270	155
New Jersey.....	19, 658	13, 451	3, 425	1, 424	1, 357
New Mexico.....	5, 650	1, 726	667	2, 943	315
New York.....	53, 459	30, 882	8, 530	9, 745	4, 303
North Carolina.....	8, 388	4, 465	1, 442	1, 968	513
North Dakota.....	2, 798	1, 324	373	892	209
Ohio.....	49, 489	29, 135	7, 090	10, 212	3, 053
Oklahoma.....	6, 753	3, 745	855	1, 740	413
Oregon.....	7, 304	4, 669	919	1, 110	606
Pennsylvania.....	96, 847	48, 315	11, 932	31, 570	5, 030
Rhode Island.....	1, 355	764	272	242	77
South Carolina.....	4, 583	2, 363	837	1, 151	233
South Dakota.....	2, 050	1, 167	334	447	102
Tennessee.....	15, 675	8, 986	2, 124	3, 662	903
Texas.....	27, 732	15, 868	4, 177	5, 262	2, 424
Utah.....	4, 165	2, 145	696	1, 009	315
Vermont.....	1, 974	1, 297	269	293	115
Virginia.....	18, 460	10, 099	3, 291	3, 734	1, 336
Washington.....	11, 725	7, 279	1, 541	2, 240	665
West Virginia.....	15, 481	6, 976	2, 000	5, 404	1, 101
Wisconsin.....	14, 361	9, 220	2, 235	2, 159	747
Wyoming.....	2, 525	1, 394	437	526	168
Outside continental United States.....	4, 861	3, 248	881	583	149

Source: Railroad Retirement Board. Data published on fiscal-year basis in *Annual Report*.

# No. 313.—CIVIL SERVICE RETIREMENT ACT—ANNUITIES AND LUMP-SUM PAYMENTS: 1940 TO 1954

[Dollar amounts in thousands. See text, p. 240]

JUNE 30 OR YEAR ENDING JUNE 30—	ANNUITIES <sup>1</sup>					LUMP-SUM PAYMENTS					
	Number certi- fied	Number termi- nated	Number in force		Annual value	Separated employees <sup>3</sup>		Deceased employees <sup>4</sup>		Deceased annuitants <sup>5</sup>	
			Total <sup>1</sup>	Disa- bility		Num- ber	Amount	Num- ber	Amount	Num- ber	Amount
1940.....	7,267	3,625	62,027	15,294	\$59,879	15,183	\$2,857	2,812	\$3,723	2,145	\$1,483
1941.....	8,223	4,132	66,118	16,768	63,468	21,100	3,618	3,738	4,290	2,775	1,726
1942.....	7,504	4,443	69,179	18,032	66,456	45,592	5,596	3,780	3,904	2,611	1,686
1943.....	9,679	4,886	73,972	19,602	71,450	111,363	7,178	6,312	4,987	2,658	2,003
1944.....	10,041	5,659	78,354	21,158	75,653	390,284	21,536	9,061	5,155	2,915	2,263
1945.....	12,380	5,511	85,225	23,389	82,346	900,858	62,377	16,374	7,441	3,062	2,476
1946.....	16,034	5,113	96,146	26,827	91,887	1,450,434	185,086	17,924	8,546	2,990	2,563
1947.....	22,158	6,888	111,416	31,502	103,321	943,026	178,853	17,304	10,372	3,971	3,710
1948.....	21,879	7,448	125,897	35,353	134,244	432,000	112,846	10,968	9,361	3,563	3,539
1949.....	31,371	8,935	148,336	39,076	154,252	228,554	61,407	6,338	3,926	4,872	4,685
1950.....	33,303	9,451	172,206	42,869	181,878	239,151	88,194	4,859	3,712	6,827	4,194
1951.....	35,654	10,771	197,148	45,601	205,641	166,962	64,914	4,387	3,998	7,584	3,946
1952.....	30,990	11,935	216,232	47,964	227,448	146,714	71,038	4,308	4,347	7,575	3,582
1953.....	37,938	12,963	241,294	51,775	239,482	135,821	81,424	4,207	5,209	8,170	3,771
1954.....	41,478	13,554	269,278	56,468	324,059	123,383	88,995	3,754	5,406	7,659	3,371

<sup>1</sup> Through June 30, 1940, data relate entirely to employees retired voluntarily or involuntarily under various age and length-of-service requirements and to employees with at least 5 years of service who became totally disabled for the position occupied prior to eligibility for retirement. Beginning Jan. 1, 1940, certain employees may elect a joint and survivor annuity, and beginning Feb. 29, 1948, widows and minor children of deceased employees and annuitants are eligible for survivor annuities under certain conditions; number of survivor annuities in force as of June 30 increased from 26 in 1941 to 60,573 in 1954. Beginning Jan. 24, 1942, employees with at least 5 years service who separate voluntarily or involuntarily prior to eligibility for retirement may obtain deferred annuity at age 62. Prior to 1952, excludes annuities purchased by voluntary contributions.

<sup>2</sup> Due to adjustments, number in force at end of fiscal year does not in all cases equal number certified less number terminated in that year, plus number in force at end of preceding fiscal year.

<sup>3</sup> Refunds of amounts to employees' credit in fund paid to employees not eligible for an annuity or who, if eligible, elected to take a refund.

<sup>4</sup> Refunds of amounts to employees' credit paid to designated or other beneficiaries of employees who died in service or after separation.

<sup>5</sup> Refunds of balance of amount to annuitants' credit at time of death paid to designated or other beneficiaries of annuitants. Includes refunds to disability annuitants, whose entitlement to an annuity was terminated, and unexpended balances paid upon termination of survivor annuities.

Source: Civil Service Commission, annual retirement report.

# No. 314.—CIVIL SERVICE RETIREMENT ACT—NUMBER OF EMPLOYEE ANNUITANTS AND SURVIVOR ANNUITANTS ON THE ROLL, BY RATES OF ANNUITY: 1954

[As of June 30]

RATES OF ANNUITY <sup>1</sup>	Employee annui- tants	Survivor annui- tants	RATES OF ANNUITY <sup>1</sup>	Employee annui- tants	Survivor annui- tants
<b>Annuityants, total.....</b>	<b>208,705</b>	<b>60,573</b>	\$1,560 to \$1,679.....	10,026	345
Under \$120.....	186	4,034	\$1,680 to \$1,799.....	11,546	192
\$120 to \$239.....	4,207	10,779	\$1,800 to \$1,919.....	27,706	153
\$240 to \$359.....	11,907	8,933	\$1,920 to \$2,039.....	9,171	108
\$360 to \$479.....	13,674	8,368	\$2,040 to \$2,159.....	6,761	91
\$480 to \$599.....	11,978	5,447	\$2,160 to \$2,279.....	10,082	97
\$600 to \$719.....	10,220	8,212	\$2,280 to \$2,399.....	3,738	49
\$720 to \$839.....	9,047	5,406	\$2,400 to \$2,999.....	10,504	96
\$840 to \$959.....	9,391	2,154	\$3,000 to \$3,599.....	3,316	17
\$960 to \$1,079.....	8,889	2,013	\$3,600 to \$4,199.....	1,392	6
\$1,080 to \$1,199.....	8,342	1,536	\$4,200 to \$4,799.....	682	1
\$1,200 to \$1,319.....	8,268	1,125	\$4,800 to \$5,399.....	356	1
\$1,320 to \$1,439.....	8,278	840	\$5,400 to \$5,999.....	164	
\$1,440 to \$1,559.....	8,745	570	\$6,000 and over.....	129	

<sup>1</sup> Includes increases under sec. 8 as amended by acts of Feb. 28, 1948 (Public Law 426, 80th Cong.), July 6, 1950 (Public Law 601, 81st Cong.), and July 16, 1952 (Public Law 555, 82d Cong.); includes annuities purchased by voluntary contributions.

Source: Civil Service Commission, annual retirement report.



# No. 315.—FEDERAL RETIREMENT SYSTEMS—EMPLOYEES COVERED AND PAYROLL: 1953

[As of June 30. Does not include 3 systems: (1) Judiciary of the Tax Court—system established after June 30, 1953; (2) construction workers on the Panama Canal—closed system with no active members; and (3) Reserve Components—information not available]

SYSTEM	ACTIVE EMPLOYEES			Total payroll for year	Average annual salary
	Total	Male	Female		
CONTRIBUTORY					
Civil Service <sup>1</sup> .....	1,660,300	1,318,520	341,780	\$7,119,114,000	\$4,288
Board of Governors, Federal Reserve System <sup>2</sup> .....	496	238	258	2,365,687	4,770
Public school teachers of District of Columbia.....	3,293	617	2,676	15,027,040	4,517
Tennessee Valley Authority <sup>3</sup> .....	10,815	9,231	1,584	45,239,038	4,183
Civilian teachers at Naval Academy.....	194	194	0	1,384,244	7,135
Foreign Service <sup>4</sup> .....	1,463	( <sup>5</sup> )	( <sup>5</sup> )	13,402,000	9,161
Policemen and firemen of District of Columbia.....	3,097	3,064	33	13,376,152	4,319
NONCONTRIBUTORY					
Federal judiciary.....	295	293	2	4,698,500	15,927
Judiciary of Territories.....	12	12	0	163,625	13,635
Judiciary of District of Columbia.....	17	13	4	223,781	13,164
Canal Zone employees.....	12,511	11,010	1,501	17,022,903	1,361
Army and Air Force.....	2,531,184	2,508,500	22,684	( <sup>5</sup> )	( <sup>5</sup> )
Army and Air Force Nurse Corps.....	8,405	0	8,405	( <sup>5</sup> )	( <sup>5</sup> )
Navy and Marine Corps.....	1,041,064	1,029,335	11,729	( <sup>5</sup> )	( <sup>5</sup> )
Navy Nurse Corps.....	2,594	0	2,594	( <sup>5</sup> )	( <sup>5</sup> )
Coast Guard.....	34,143	34,118	30	102,584,862	3,004
Coast and Geodetic Survey.....	169	169	0	1,017,756	6,022
Public Health Service.....	1,265	1,090	175	10,960,000	8,664

<sup>1</sup> Includes data for Congressmen and investigative employees.

As of Feb. 28, 1953. <sup>3</sup> As of June 30, 1952.

<sup>4</sup> As of Jan. 1, 1953. <sup>5</sup> Not available.

Source: Executive Office of the President, Committee on Retirement Policy for Federal Personnel; *Retirement Policy for Federal Personnel*, Pt. 1.

# No. 316.—FEDERAL RETIREMENT SYSTEMS—NUMBER OF ANNUITANTS ON THE ROLL, AND AVERAGE ANNUITIES: 1953

[As of June 30. Does not include 2 systems: (1) Judiciary of the Tax Court—system established after June 30, 1953; and (2) Reserve Components—information not available]

SYSTEM	ALL ANNUITANTS		AGE AND SERVICE ANNUITANTS		DISABILITY ANNUITANTS		SURVIVOR ANNUITANTS	
	Number	Average annuity	Number	Average annuity	Number	Average annuity	Number	Average annuity
<b>CONTRIBUTORY</b>								
Civil Service <sup>1</sup> .....	241,294	\$1,203	138,656	\$1,482	51,775	\$1,122	50,863	\$524
Board of Governors, Federal Reserve System <sup>2</sup> .....	32	2,531	25	2,853	4	1,231	3	1,546
Public school teachers of District of Columbia.....	830	2,459	601	2,683	225	1,892	4	693
Tennessee Valley Authority.....	202	532	149	498	31	590	22	683
Civilian teachers at Naval Academy.....	( <sup>3</sup> )	( <sup>3</sup> )	26	1,803	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Foreign Service.....	417	3,968	334	4,441	22	2,866	61	1,777
Policemen and firemen of District of Columbia.....	1,969	1,941	196	2,581	1,074	2,217	699	1,337
<b>NONCONTRIBUTORY</b>								
Federal judiciary.....	38	15,263	32	15,313	6	15,000	-----	-----
Judiciary of Territories.....	5	11,528	5	11,523	0	-----	-----	-----
Judiciary of District of Columbia.....	0	-----	0	-----	-----	-----	-----	-----
Canal Zone employees <sup>4</sup> .....	3,360	250	-----	-----	-----	-----	-----	-----
Construction workers on Canal.....	2,879	745	2,283	679	-----	-----	596	999
Army and Air Force.....	88,363	2,427	33,494	2,386	54,869	2,452	-----	-----
Army and Air Force Nurse Corps.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	-----	-----
Navy and Marine Corps.....	65,906	2,148	46,857	2,190	19,049	2,045	-----	-----
Navy Nurse Corps.....	613	( <sup>3</sup> )	78	( <sup>3</sup> )	535	( <sup>3</sup> )	-----	-----
Coast Guard.....	6,930	2,527	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	-----	-----
Coast and Geodetic Survey.....	55	5,512	38	6,114	17	4,167	-----	-----
Public Health Service.....	231	4,726	96	5,667	135	4,058	-----	-----

<sup>1</sup> Includes data for Congressmen and investigative employees.

<sup>2</sup> As of Feb. 28, 1953. <sup>3</sup> Not available.

<sup>4</sup> Only one type of annuity provided. Payments made to employees who "become unfit for further useful service by reason of mental or physical disability resulting from age or disease."

Source: Executive Office of the President, Committee on Retirement Policy for Federal Personnel; *Retirement Policy for Federal Personnel*, Pt. 1.

## No. 317.—WORKMEN'S COMPENSATION PAYMENTS, BY STATES: 1944 TO 1953

[In thousands. Estimated by Social Security Administration. Payments represent cash and medical benefits and include insurance losses paid by private insurance carriers (compiled from the *Spectator*), net disbursements of State funds (from *Spectator*, *Argus Casualty and Surety Chart*, and State reports; estimated for some States), and self-insurance payments (estimated from available State data). Calendar year data, except fiscal year data for Federal employees and for a few States with State funds. Includes benefit payments under Longshoremen's and Harbor Workers' Compensation Act and Defense Bases Compensation Act for States in which such payments are made]

STATE	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953
<b>Total</b> .....	<b>\$385,619</b>	<b>\$408,738</b>	<b>\$434,427</b>	<b>\$486,175</b>	<b>\$534,344</b>	<b>\$567,615</b>	<b>\$617,283</b>	<b>\$710,339</b>	<b>\$788,046</b>	<b>\$845,799</b>
Alabama.....	2,644	2,648	2,278	2,377	2,587	2,659	2,137	3,264	3,568	3,891
Arizona.....	3,478	3,865	4,133	4,820	5,750	5,960	5,473	5,094	5,890	6,406
Arkansas.....	2,394	2,379	2,618	3,100	3,119	3,421	3,590	4,308	4,551	4,485
California.....	37,881	40,268	40,991	45,667	49,921	52,752	57,137	66,377	73,431	78,553
Colorado.....	2,254	2,285	2,289	2,640	2,706	2,954	3,418	4,112	4,982	5,576
Connecticut.....	6,760	7,202	7,764	8,814	9,244	9,438	9,500	11,182	12,941	13,770
Delaware.....	417	438	494	549	637	685	744	888	1,078	1,159
Dist. of Col.....	1,286	1,193	1,382	1,572	1,972	2,279	2,360	2,635	2,642	2,598
Florida.....	3,727	4,193	4,571	5,356	6,402	6,815	7,418	9,340	11,269	13,880
Georgia.....	2,896	2,921	2,831	3,227	3,601	4,166	4,757	5,560	6,290	6,872
Idaho.....	1,249	1,193	1,317	1,490	1,822	1,900	2,218	2,508	2,701	3,082
Illinois.....	22,710	23,457	23,507	26,999	30,219	29,941	31,540	35,090	38,120	42,288
Indiana.....	6,482	6,625	7,012	7,972	8,563	8,694	8,920	11,270	12,646	13,803
Iowa.....	2,356	2,666	3,154	3,584	3,961	4,192	4,985	5,510	6,099	6,535
Kansas.....	2,987	2,977	2,981	3,113	3,682	3,682	4,260	4,917	6,240	6,742
Kentucky.....	3,883	4,000	4,644	5,454	6,242	6,658	6,987	7,884	8,645	9,443
Louisiana.....	6,382	6,952	6,969	8,122	9,139	9,915	11,400	13,070	14,942	16,889
Maine.....	2,325	2,224	2,055	2,046	1,996	1,854	1,600	2,040	2,280	2,221
Maryland.....	5,329	5,853	5,893	5,921	6,379	6,506	6,895	8,348	9,065	9,829
Massachusetts.....	11,406	11,771	15,149	17,759	19,316	20,556	23,676	27,123	30,239	34,581
Michigan.....	13,679	14,623	16,698	18,797	20,079	20,007	23,123	23,919	24,898	27,918
Minnesota.....	5,469	5,853	6,561	7,663	8,680	9,302	9,662	11,200	12,427	12,910
Mississippi.....	23	34	76	75	95	1,375	2,272	3,254	3,589	3,913
Missouri.....	7,724	8,365	8,908	8,848	9,777	10,070	10,649	12,306	14,709	15,788
Montana.....	1,943	2,003	1,851	1,972	2,353	2,422	2,544	3,215	3,124	3,282
Nebraska.....	1,220	1,334	1,601	1,726	1,987	2,178	2,360	2,758	3,090	3,159
Nevada.....	1,197	1,046	1,052	1,138	1,340	1,458	1,659	2,046	2,434	3,000
New Hampshire.....	960	1,002	1,250	1,339	1,550	1,546	1,670	1,855	2,077	2,146
New Jersey.....	21,835	21,961	20,339	26,208	27,200	27,871	29,138	35,979	38,573	40,988
New Mexico.....	675	652	803	1,115	1,303	1,760	2,330	2,640	3,578	4,510
New York.....	67,866	75,092	84,232	89,122	100,139	112,051	119,188	134,590	144,040	147,145
North Carolina.....	3,476	3,542	4,291	5,027	5,661	5,672	6,354	7,266	8,160	8,807
North Dakota.....	731	743	771	854	891	1,060	1,100	1,256	1,231	1,433
Ohio.....	23,943	25,603	27,369	32,938	35,464	38,065	40,441	44,478	53,299	57,970
Oklahoma.....	5,060	5,456	5,842	6,243	6,998	7,458	8,082	9,890	10,680	11,340
Oregon.....	5,679	5,666	5,557	5,911	6,875	7,923	8,983	11,248	12,982	13,523
Pennsylvania.....	24,248	24,552	26,318	27,600	28,907	29,378	30,831	34,026	36,206	37,652
Rhode Island.....	4,330	5,449	5,361	4,208	3,730	3,516	3,800	4,520	5,417	5,617
South Carolina.....	2,549	2,606	2,891	3,791	4,018	4,098	4,123	4,128	4,583	4,877
South Dakota.....	315	355	434	518	686	802	950	963	950	1,051
Tennessee.....	3,896	4,027	3,750	4,084	4,406	4,757	5,349	6,331	6,692	7,974
Texas.....	17,192	18,218	20,445	23,497	28,133	30,437	33,380	38,979	44,465	47,329
Utah.....	1,475	1,312	1,475	1,579	1,657	1,757	1,859	2,097	2,297	2,352
Vermont.....	544	522	627	750	750	842	900	1,115	1,153	1,288
Virginia.....	3,343	3,361	3,794	4,481	5,057	5,216	5,559	6,155	6,815	7,380
Washington.....	8,986	9,688	10,810	11,862	14,097	14,606	14,593	17,008	18,737	19,483
West Virginia.....	7,598	7,735	7,926	8,296	8,800	9,423	9,632	10,096	10,909	11,625
Wisconsin.....	8,673	9,162	9,903	10,665	11,881	12,362	13,356	15,049	15,990	16,225
Wyoming.....	521	503	579	720	900	966	1,011	1,025	1,088	1,155
Federal employ- ees.....	11,623	13,163	10,881	14,566	13,672	14,210	23,370	30,427	36,234	41,356

Source: Department of Health, Education, and Welfare, Social Security Administration, Division of Research and Statistics. Preliminary estimates appear periodically in *Social Security Bulletin*.



### No. 318.—PUBLIC ASSISTANCE—RECIPIENTS AND PAYMENTS, BY PROGRAM: 1936 TO 1954

[Through 1940 covers only continental U. S.; thereafter includes Alaska and Hawaii; beginning October 1950, also includes Puerto Rico and Virgin Islands. Beginning 1950, except for general assistance, includes vendor payments for medical care and cases receiving only such payments]

PROGRAM	1936	1940	1945	1950	1952	1953	1954
<b>NUMBER OF RECIPIENTS <sup>1</sup> (1,000)</b>							
Old-age assistance.....	1, 106	2, 066	2, 056	2, 789	2, 646	2, 591	2, 565
Aid to dependent children:							
Families.....	162	370	274	652	570	548	604
Recipients <sup>2</sup> .....				2, 234	1, 992	1, 942	2, 174
Children.....	404	891	701	1, 662	1, 495	1, 464	1, 640
Aid to the blind.....	45	73	71	98	99	100	102
Aid to the permanently and totally disabled.....				69	164	195	224
General assistance (cases).....	1, 510	1, 239	257	413	280	270	351
<b>AVERAGE MONTHLY PAYMENT <sup>1</sup></b>							
Old-age assistance.....	\$18. 79	\$20. 26	\$30. 88	\$43. 95	\$50. 90	\$51. 50	51. 90
Aid to dependent children:							
Per family.....	29. 82	32. 38	52. 05	72. 42	83. 83	84. 22	86. 24
Per recipient <sup>2</sup> .....				21. 13	23. 98	23. 77	23. 96
Aid to the blind.....	26. 11	25. 38	33. 52	46. 56	54. 91	55. 65	56. 37
Aid to the permanently and totally disabled.....				45. 41	53. 50	53. 44	54. 93
General assistance (per case).....	24. 13	24. 28	32. 72	46. 65	49. 82	50. 53	57. 27
<b>TOTAL PAYMENTS FOR YEAR (\$1,000)</b>							
<b>Total</b> .....	656, 712	1, 034, 984	989, 686	32, 395, 395	32, 463, 996	32, 547, 061	32, 651, 330
Old-age assistance.....	155, 241	474, 952	726, 550	1, 469, 869	1, 532, 907	1, 596, 696	1, 592, 778
Aid to dependent children.....	49, 654	133, 243	149, 667	553, 697	553, 836	562, 257	593, 512
Aid to the blind.....	12, 813	21, 826	26, 557	52, 866	61, 324	65, 748	67, 830
Aid to the permanently and totally disabled.....				8, 129	90, 945	115, 441	137, 100
General assistance.....	439, 004	404, 963	86, 912	295, 383	171, 779	151, 436	198, 106

<sup>1</sup> As of December.

<sup>2</sup> Includes children and 1 parent or other adult in families in which adult was considered in determining amount of assistance.

<sup>3</sup> Total includes vendor payments for medical care from general assistance funds, and, for 1 State, from funds for the special types of public assistance.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Public Assistance. Data appear periodically in *Social Security Bulletin*.

### No. 319.—RECIPIENTS OF OLD-AGE ASSISTANCE—PERCENT DISTRIBUTION BY SELECTED CHARACTERISTICS: 1953

[Data based on a 1-percent sample, and are therefore subject to sampling variability. Study was conducted in cooperation with the States during a month between December 1952 and May 1953. Data, except age, include recipients in Colorado 60 years old and over. Excludes data for Alaska, Puerto Rico, Vermont, and Virgin Islands. See source for further information]

CHARACTERISTIC	Percent	CHARACTERISTIC	Percent
<b>Residence</b> .....	<b>100. 0</b>	<b>Status of spouse</b> .....	<b>100. 0</b>
In standard metropolitan areas.....	41. 3	No spouse or spouse not present.....	68. 8
Elsewhere.....	58. 7	Spouse present.....	31. 2
<b>Age</b> .....	<b>100. 0</b>	Receiving separate old-age assistance payment.....	22. 0
65 to 69 years.....	21. 5	<b>Living arrangements</b> .....	<b>100. 0</b>
70 to 74 years.....	29. 6	In own household.....	67. 1
75 to 79 years.....	24. 6	Alone.....	26. 2
80 years and over.....	24. 2	With one or more related persons.....	39. 0
<b>Sex and race</b> .....	<b>100. 0</b>	With nonrelated persons only.....	1. 9
Male.....	40. 8	In household of son or daughter.....	15. 7
White.....	33. 5	In institution.....	4. 7
Nonwhite.....	7. 3	In other place.....	12. 5
Female.....	59. 2	<b>Home facilities: <sup>1</sup></b>	
White.....	48. 9	With cooking facilities.....	95. 0
Nonwhite.....	10. 3	With electric lights.....	88. 1
<b>Physical and mental condition</b> .....	<b>100. 0</b>	With telephones.....	35. 7
Bedridden.....	3. 5	With mechanical refrigeration.....	55. 0
Not bedridden, but requiring considerable care.....	14. 3	With running water.....	67. 9
Able to care for self.....	82. 0	<b>Home owned by recipient or spouse</b> .....	<b>27. 8</b>
Not reported.....	0. 2		

<sup>1</sup> Excluding recipients living in institutions.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Public Assistance; *Requirements, Income, Resources, and Social Characteristics of Recipients of Old-Age Assistance*.

NO. 320.—PUBLIC ASSISTANCE—FEDERAL GRANTS TO STATES FOR PUBLIC ASSISTANCE,  
1951 TO 1954, AND BY STATES AND OTHER AREAS, 1954

[In thousands. For years ending June 30. Advances certified from appropriations in specified year]

YEAR AND STATE OR OTHER AREA	Total	Old-age assistance	Aid to dependent children	Aid to the blind	Aid to the perma- nently and totally disabled
1951.....	\$1,185,764	\$826,075	\$316,477	\$26,195	\$17,017
1952.....	1,177,688	799,845	303,280	29,397	45,165
1953.....	1,333,989	903,241	343,321	33,017	59,410
1954.....	1,386,931	931,711	347,236	35,561	72,423
Alabama.....	27,308	17,803	6,831	383	2,291
Arizona.....	8,985	5,563	3,116	307	-----
Arkansas.....	20,707	15,507	3,916	629	656
California.....	156,126	113,426	37,636	5,064	-----
Colorado.....	26,590	20,502	4,092	147	1,848
Connecticut.....	9,866	6,497	3,021	124	1,223
Delaware.....	1,284	575	569	105	34
District of Columbia.....	3,651	1,095	1,774	101	680
Florida.....	35,709	24,392	10,121	1,195	-----
Georgia.....	42,767	31,004	8,248	1,121	2,394
Idaho.....	5,275	3,446	1,392	82	354
Illinois.....	59,720	40,011	15,777	1,574	2,359
Indiana.....	18,755	12,774	5,317	665	-----
Iowa.....	21,807	16,947	4,288	573	-----
Kansas.....	18,522	14,257	2,771	243	1,251
Kentucky.....	28,854	17,021	11,009	824	-----
Louisiana.....	65,314	48,742	11,372	741	4,459
Maine.....	8,031	4,928	2,883	220	-----
Maryland.....	9,446	3,744	3,962	175	1,565
Massachusetts.....	54,328	39,931	9,196	717	4,483
Michigan.....	43,399	29,719	12,222	717	741
Minnesota.....	25,110	19,461	5,018	528	1,103
Mississippi.....	22,355	17,069	3,771	963	552
Missouri.....	71,975	53,044	11,928	1,238	5,764
Montana.....	6,204	3,891	1,548	208	557
Nebraska.....	9,079	7,036	1,741	302	-----
Nevada.....	1,160	1,119	(2)	40	-----
New Hampshire.....	3,679	2,650	848	117	64
New Jersey.....	12,962	7,715	3,641	357	1,249
New Mexico.....	9,309	4,338	4,124	165	681
New York.....	98,077	44,231	36,114	1,981	15,752
North Carolina.....	28,581	14,256	10,009	1,696	2,620
North Dakota.....	4,498	3,149	1,016	45	288
Ohio.....	53,378	39,445	9,552	1,541	2,839
Oklahoma.....	50,638	38,099	9,715	905	1,919
Oregon.....	11,919	8,328	2,394	147	1,050
Pennsylvania.....	48,435	22,094	18,470	3,686	4,185
Rhode Island.....	6,074	3,322	2,199	80	472
South Carolina.....	18,302	12,466	3,270	547	2,019
South Dakota.....	6,117	3,992	1,858	75	193
Tennessee.....	34,900	20,853	12,667	1,075	305
Texas.....	86,564	72,732	11,577	2,254	-----
Utah.....	6,738	3,772	2,213	92	662
Vermont.....	3,319	2,445	688	67	119
Virginia.....	11,447	4,728	4,872	425	1,423
Washington.....	34,047	24,838	6,390	328	2,491
West Virginia.....	21,368	7,168	11,802	360	2,039
Wisconsin.....	23,036	16,746	5,343	479	468
Wyoming.....	2,267	1,671	380	32	183
Alaska.....	1,311	667	620	25	-----
Hawaii.....	3,282	656	2,125	40	463
Puerto Rico.....	4,250	1,779	1,800	53	617
Virgin Islands.....	108	69	28	3	8

<sup>1</sup> Program approved to receive Federal participation beginning Jan. 1, 1954.

<sup>2</sup> No approved plan in operation.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Public Assistance; annual report, 1954.



# No. 321.—PUBLIC ASSISTANCE—RECIPIENTS OF ASSISTANCE, BY STATES AND OTHER AREAS: DECEMBER 1954

[Except for general assistance, includes cases receiving vendor payments for medical care]

STATE OR OTHER AREA	Old-age assistance	AID TO DEPENDENT CHILDREN			Aid to the blind	Aid to the perma- nently and totally disabled	General assistance (cases)
		Families	Recipients				
			Total number <sup>1</sup>	Children			
<b>Total</b> .....	<b>2,564,686</b>	<b>603,932</b>	<b>2,173,569</b>	<b>1,639,948</b>	<b><sup>3</sup> 102,445</b>	<b>224,393</b>	<b><sup>4</sup> 351,000</b>
Alabama.....	63,353	16,948	64,784	49,706	1,550	9,224	146
Arizona.....	13,890	4,010	16,160	12,412	718		<sup>1</sup> 672
Arkansas.....	52,703	7,688	28,875	22,235	1,946	4,184	<sup>3</sup> 630
California.....	271,347	54,289	181,585	138,724	<sup>3</sup> 12,396		34,335
Colorado.....	<sup>2</sup> 52,793	5,873	21,908	16,734	326	4,872	2,033
Connecticut.....	16,805	4,741	15,527	11,510	310	1,529	3,445
Delaware.....	1,675	992	3,889	2,983	209	176	1,248
District of Columbia.....	3,057	2,448	10,006	7,791	254	2,151	541
Florida.....	69,461	20,754	72,826	55,261	2,894		<sup>6</sup> 5,500
Georgia.....	97,489	14,305	51,718	39,720	3,303	8,133	3,031
Idaho.....	8,862	1,879	6,611	4,832	187	829	<sup>7</sup> 89
Illinois.....	97,753	20,394	77,849	59,066	3,601	5,833	37,672
Indiana.....	37,712	8,447	29,648	22,017	1,756		<sup>8</sup> 13,376
Iowa.....	42,577	6,438	23,198	17,316	1,421		4,162
Kansas.....	34,464	4,330	15,733	12,085	624	3,294	2,111
Kentucky.....	55,965	18,579	65,630	48,797	2,869		3,099
Louisiana.....	119,634	17,667	67,593	51,223	2,017	12,069	7,394
Maine.....	12,619	4,351	15,106	10,897	554		3,861
Maryland.....	10,652	6,210	25,075	19,391	465	4,303	2,544
Massachusetts.....	91,220	12,688	42,202	31,146	1,782	9,719	13,587
Michigan.....	76,453	19,817	67,418	48,951	1,819	2,118	21,407
Minnesota.....	52,074	7,601	25,865	19,871	1,238	568	7,868
Mississippi.....	67,799	15,931	60,494	46,680	3,396	2,866	821
Missouri.....	133,398	21,484	74,910	55,460	<sup>3</sup> 3,957	14,318	5,887
Montana.....	9,340	2,175	7,624	5,733	456	1,458	743
Nebraska.....	18,164	2,533	9,130	6,820	718		1,557
Nevada.....	2,654	<sup>9</sup> 19	<sup>9</sup> 73	<sup>9</sup> 54	102		335
New Hampshire.....	6,464	1,054	3,854	2,885	273	216	1,444
New Jersey.....	20,718	5,561	18,625	14,142	861	2,961	<sup>8</sup> 8,771
New Mexico.....	12,181	6,849	24,886	19,090	432	1,853	569
New York.....	104,496	52,161	186,046	135,906	4,380	39,980	34,901
North Carolina.....	51,597	18,835	71,005	54,140	4,783	10,131	2,489
North Dakota.....	8,276	1,459	5,371	4,125	112	845	556
Ohio.....	103,443	14,581	54,969	41,717	3,697	7,674	32,924
Oklahoma.....	95,616	15,359	52,869	38,790	2,052	5,341	<sup>6</sup> 4,400
Oregon.....	20,207	3,773	13,505	10,206	357	2,955	6,050
Pennsylvania.....	58,780	29,101	110,629	83,699	<sup>3</sup> 16,354	12,630	28,254
Rhode Island.....	8,361	3,336	11,520	8,473	181	1,348	4,008
South Carolina.....	43,017	8,037	31,139	24,247	1,732	7,323	2,280
South Dakota.....	11,010	2,829	9,401	7,209	201	625	1,389
Tennessee.....	67,527	21,727	78,029	58,233	3,243	1,380	2,376
Texas.....	221,927	21,768	85,087	63,613	6,368		<sup>6</sup> 9,000
Utah.....	9,542	3,158	11,047	8,212	224	1,740	2,070
Vermont.....	6,860	1,058	3,674	2,769	160	411	<sup>6</sup> 1,250
Virginia.....	17,340	8,643	33,458	25,787	1,303	4,526	2,306
Washington.....	60,609	8,796	29,988	21,989	<sup>3</sup> 773	5,542	12,156
West Virginia.....	25,310	18,629	70,455	54,755	1,197	8,087	2,830
Wisconsin.....	44,325	8,051	27,870	20,607	1,172	1,114	9,991
Wyoming.....	4,061	533	1,926	1,460	68	455	347
Alaska.....	1,679	1,149	3,920	2,884	59		162
Hawaii.....	1,822	3,128	11,853	9,392	106	1,259	1,743
Puerto Rico.....	44,923	41,583	140,304	107,623	1,453	18,262	1,017
Virgin Islands.....	682	183	702	580	36	91	86

<sup>1</sup> Includes children and 1 parent or other adult in families in which adult was considered in determining amount of assistance.

<sup>2</sup> Includes 4,112 recipients under 65 in Colorado.

<sup>3</sup> Includes 410 recipients of payments made without Federal participation in California, 3 in Washington, 777 in Missouri, and 7,530 in Pennsylvania.

<sup>4</sup> Partly estimated; total not as large as sum of State figures because of adjustment. See footnote 8.

<sup>5</sup> Excludes some cases for program not administered by State agency. <sup>6</sup> Estimated.

<sup>7</sup> Excludes cases receiving assistance in kind only and, for a few counties, cases receiving cash payments.

<sup>8</sup> Includes unknown number of cases receiving medical care, hospitalization, or burial only.

<sup>9</sup> Represents program administered without Federal participation.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Public Assistance. Data appear periodically in *Social Security Bulletin*.

# No. 322.—PUBLIC ASSISTANCE—PAYMENTS TO RECIPIENTS, BY TYPE OF ASSISTANCE, BY STATES AND OTHER AREAS: 1954

[Amounts in thousands. Includes vendor payments for medical care]

STATE OR OTHER AREA	Total amount of public assistance, 1954	Amount of old age assistance, 1954	AVERAGE PAYMENTS, DEC. 1954					
			Old age assistance	Aid to dependent children		Aid to the blind	Aid to the permanently and totally disabled	General assistance (per case)
				Per family	Per recipient			
<b>Total</b> .....	<b>\$2, 651, 330</b>	<b>\$1, 592, 778</b>	<b>\$51. 90</b>	<b>\$80. 24</b>	<b>\$23. 96</b>	<b>\$56. 37</b>	<b>\$54. 93</b>	<b>\$57. 27</b>
Alabama.....	34, 121	22, 228	30. 23	42. 72	11. 18	34. 97	35. 57	23. 10
Arizona.....	15, 362	9, 322	55. 34	95. 25	23. 64	63. 23	-----	43. 64
Arkansas.....	27, 876	20, 797	33. 79	53. 85	14. 34	40. 44	30. 79	15. 79
California.....	335, 122	223, 712	67. 44	125. 07	37. 39	84. 82	-----	50. 88
Colorado.....	61, 433	2 50, 002	90. 50	96. 49	25. 87	61. 06	51. 52	41. 13
Connecticut.....	27, 307	16, 366	83. 23	135. 54	41. 39	91. 63	105. 29	59. 13
Delaware.....	2, 600	790	39. 40	85. 68	21. 85	61. 36	52. 50	49. 87
Dist. of Columbia.....	6, 726	1, 867	52. 75	105. 02	25. 69	58. 50	60. 32	60. 87
Florida.....	53, 411	37, 800	45. 90	54. 50	15. 53	48. 71	-----	(3)
Georgia.....	61, 433	43, 463	37. 51	74. 71	20. 66	42. 80	41. 90	20. 85
Idaho.....	9, 436	5, 889	54. 55	124. 46	35. 37	59. 95	60. 11	44. 72
Illinois.....	131, 759	67, 872	59. 69	129. 07	33. 81	61. 89	78. 56	75. 19
Indiana.....	36, 309	21, 565	47. 53	88. 99	25. 35	56. 92	-----	37. 13
Iowa.....	41, 394	29, 635	57. 02	111. 90	31. 05	72. 95	-----	37. 40
Kansas.....	36, 587	26, 750	64. 52	111. 84	30. 78	71. 46	67. 08	53. 15
Kentucky.....	39, 099	23, 428	34. 91	61. 57	17. 43	36. 89	-----	28. 88
Louisiana.....	97, 257	73, 295	50. 71	64. 91	16. 96	49. 21	42. 42	39. 50
Maine.....	13, 529	7, 197	46. 38	81. 51	23. 48	50. 69	-----	48. 01
Maryland.....	16, 790	5, 733	44. 82	95. 79	23. 72	51. 63	52. 58	56. 37
Massachusetts.....	122, 832	83, 184	75. 93	126. 29	37. 97	92. 12	97. 95	61. 75
Michigan.....	92, 078	50, 236	54. 43	110. 44	32. 46	62. 70	70. 85	75. 39
Minnesota.....	56, 641	40, 435	65. 12	120. 16	35. 31	77. 45	54. 96	59. 74
Mississippi.....	28, 908	21, 975	28. 04	26. 20	6. 90	34. 27	24. 59	13. 13
Missouri.....	110, 540	79, 941	49. 47	67. 21	19. 28	55. 00	51. 89	38. 97
Montana.....	11, 233	6, 634	57. 67	102. 93	29. 36	64. 54	63. 15	33. 63
Nebraska.....	14, 979	10, 951	49. 77	93. 34	25. 90	67. 11	-----	42. 60
Nevada.....	2, 037	1, 811	56. 32	(4) (5)	12. 05	74. 36	-----	35. 56
New Hampshire.....	7, 332	4, 680	58. 65	128. 56	35. 16	63. 19	71. 25	49. 08
New Jersey.....	33, 594	16, 230	66. 80	116. 07	34. 66	68. 56	79. 02	81. 56
New Mexico.....	13, 631	6, 612	45. 96	73. 39	20. 20	46. 59	40. 19	26. 00
New York.....	242, 796	95, 376	77. 04	139. 70	39. 17	86. 11	83. 90	75. 52
North Carolina.....	39, 088	19, 018	31. 21	61. 38	16. 28	40. 27	36. 97	20. 12
North Dakota.....	9, 048	6, 061	60. 65	116. 71	31. 70	54. 96	72. 13	41. 20
Ohio.....	112, 301	72, 131	57. 59	96. 41	25. 57	56. 78	50. 06	56. 03
Oklahoma.....	84, 784	65, 872	57. 66	75. 35	21. 89	69. 47	57. 15	(3)
Oregon.....	27, 837	15, 898	64. 82	124. 02	34. 65	74. 03	77. 79	60. 29
Pennsylvania.....	98, 396	32, 195	45. 81	104. 51	27. 49	50. 88	53. 79	72. 30
Rhode Island.....	14, 464	5, 866	57. 36	111. 19	32. 20	70. 63	73. 93	68. 09
South Carolina.....	25, 245	16, 785	31. 84	47. 08	12. 15	37. 29	31. 44	24. 02
South Dakota.....	9, 485	5, 960	44. 58	81. 81	24. 62	43. 35	46. 34	32. 49
Tennessee.....	48, 549	28, 782	34. 54	59. 43	16. 55	41. 67	39. 67	16. 34
Texas.....	123, 558	103, 222	38. 75	59. 72	15. 28	44. 02	-----	(3)
Utah.....	13, 846	6, 857	59. 59	112. 86	32. 26	67. 93	64. 45	63. 34
Vermont.....	5, 547	3, 654	44. 29	77. 56	22. 34	48. 00	48. 72	(3)
Virginia.....	16, 272	6, 052	29. 56	66. 36	17. 14	35. 73	38. 13	35. 91
Washington.....	70, 278	46, 128	61. 65	104. 12	30. 54	78. 21	71. 80	62. 37
West Virginia.....	31, 432	9, 732	30. 96	80. 23	21. 21	35. 90	34. 92	28. 79
Wisconsin.....	55, 404	33, 423	62. 44	138. 14	39. 91	67. 44	91. 08	78. 78
Wyoming.....	4, 084	2, 889	58. 45	106. 92	29. 59	64. 97	59. 27	52. 57
Alaska.....	2, 369	1, 248	62. 94	72. 70	21. 31	45. 25	-----	49. 07
Hawaii.....	5, 991	956	44. 25	91. 99	24. 28	50. 79	58. 48	55. 49
Puerto Rico.....	10, 762	4, 162	7. 79	10. 22	3. 03	7. 77	8. 53	11. 78
Virgin Islands.....	190	112	13. 89	23. 57	6. 14	(4)	15. 04	13. 20

<sup>1</sup> Total includes vendor payments for medical care from general assistance funds, from special medical funds, and, for 1 State, from funds for the special types of public assistance; data for such expenditures partly estimated for some States.

<sup>2</sup> Includes payments to recipients 60-64 years of age for whom payments are made without Federal participation.

<sup>3</sup> Not computed. <sup>4</sup> Not computed; base too small.

<sup>5</sup> Represents program administered without Federal participation.

Source: Department of Health, Education, and Welfare, Social Security Administration, Bureau of Public Assistance. Data appear periodically in *Social Security Bulletin*.



**No. 323.—CHILDREN RECEIVING CHILD WELFARE CASEWORK SERVICE FROM PUBLIC WELFARE AGENCIES, BY TYPE OF LIVING ARRANGEMENTS, BY STATES AND OTHER AREAS: 1954**

[As of Sept. 30. States with substantially complete reports are those reporting on 90 percent or more of the children served. States with incomplete reports are those reporting on less than 90 percent of the children served]

STATE OR OTHER AREA, AND REPORTING COVERAGE	Total	IN HOMES OF PAR- ENTS OR RELATIVES		IN FOSTER FAMILY HOMES		IN INSTITUTIONS AND ELSEWHERE <sup>1</sup>	
		Number	Percent	Number	Percent	Number	Percent
<b>Total, 53 States and other areas</b>	<sup>2</sup> 273, 697	105, 837	( <sup>3</sup> )	120, 641	( <sup>3</sup> )	46, 818	( <sup>3</sup> )
<b>Substantially complete reports</b>	<sup>2</sup> 253, 336	101, 806	40	106, 732	42	44, 397	18
Alabama	9, 029	6, 577	73	1, 524	17	928	10
Arizona	2, 127	1, 176	55	798	38	153	7
Arkansas	2, 079	1, 068	51	828	40	183	9
Colorado	<sup>2</sup> 2, 487	1, 378	55	833	34	269	11
Connecticut	<sup>2</sup> 6, 104	1, 021	17	3, 705	62	1, 252	21
Delaware	1, 041	370	35	570	55	101	10
Dist. of Columbia	<sup>2</sup> 3, 132	1, 065	35	1, 041	34	955	31
Florida	2, 890	1, 127	39	1, 493	52	270	9
Georgia	3, 534	1, 228	35	1, 840	52	466	13
Idaho	253	191	76	44	17	18	7
Illinois	4, 316	820	19	3, 133	73	363	8
Indiana	12, 728	5, 822	46	4, 929	39	1, 977	15
Iowa	<sup>2</sup> 3, 185	2, 495	79	455	14	228	7
Kansas	<sup>2</sup> 1, 986	585	30	688	35	703	35
Kentucky	5, 778	3, 188	55	1, 434	25	1, 156	20
Louisiana	4, 064	990	24	2, 643	65	431	11
Maine	<sup>2</sup> 3, 034	957	32	1, 882	62	184	6
Maryland	5, 409	1, 337	25	3, 323	61	749	14
Massachusetts	<sup>2</sup> 6, 732	799	12	5, 296	79	624	9
Michigan	2, 132	750	35	1, 262	59	120	6
Minnesota	<sup>2</sup> 11, 204	7, 597	69	2, 798	25	704	6
Mississippi	4, 919	4, 215	86	432	9	272	5
Missouri	3, 648	1, 743	48	1, 611	44	294	8
Montana	892	409	46	382	43	101	11
Nebraska	1, 816	889	49	453	25	474	26
New Hampshire	2, 458	1, 147	47	955	39	356	14
New Jersey	7, 289	1, 394	19	4, 684	64	1, 211	17
New Mexico	1, 776	814	46	797	45	165	9
New York	38, 310	4, 086	11	21, 351	56	12, 873	33
North Carolina	12, 733	6, 793	53	3, 309	26	2, 631	21
North Dakota	1, 178	984	83	104	9	90	8
Ohio	<sup>2</sup> 18, 090	5, 431	30	8, 530	47	4, 078	23
Oklahoma	3, 563	865	24	512	15	2, 186	61
Oregon	2, 698	992	37	1, 585	59	121	4
Rhode Island	1, 829	608	33	942	52	279	15
South Carolina	4, 439	3, 055	69	559	13	825	18
South Dakota	754	365	48	322	43	67	9
Tennessee	3, 203	1, 361	42	1, 523	48	319	10
Texas	2, 728	1, 752	64	722	27	254	9
Utah	1, 022	450	44	517	51	55	5
Vermont	1, 619	590	37	813	50	216	13
Virginia	9, 877	3, 497	35	5, 441	55	939	10
Washington	5, 996	2, 216	37	2, 982	50	798	13
West Virginia	7, 113	4, 525	64	2, 009	28	579	8
Wisconsin	8, 025	3, 588	45	3, 861	48	576	7
Wyoming	496	289	58	187	38	20	4
Alaska	796	322	40	245	31	229	29
Hawaii	1, 629	662	41	730	45	237	14
Puerto Rico	10, 991	8, 128	74	601	5	2, 262	21
Virgin Islands	205	95	47	54	26	56	27
<b>Incomplete reports</b>	20, 361	4, 031	( <sup>3</sup> )	13, 909	( <sup>3</sup> )	2, 421	( <sup>3</sup> )
California	15, 623	1, 937	( <sup>3</sup> )	12, 070	( <sup>3</sup> )	1, 616	( <sup>3</sup> )
Nevada	226	82	( <sup>3</sup> )	125	( <sup>3</sup> )	19	( <sup>3</sup> )
Pennsylvania	4, 512	2, 012	( <sup>3</sup> )	1, 714	( <sup>3</sup> )	786	( <sup>3</sup> )

<sup>1</sup> Includes 35,845 children reported as living in institutions and 10,973 as living elsewhere. Children reported in institutions represent only those children served by workers attached to State or local public welfare agencies and not all children receiving institutional care.

<sup>2</sup> Includes a number of children for whom whereabouts are unknown. For total, this is less than 1 percent.

<sup>3</sup> Not computed because of incomplete report.

Source: Department of Health, Education, and Welfare, Social Security Administration, Children's Bureau.

## No. 324.—MATERNAL AND CHILD-HEALTH SERVICES: 1949 TO 1953

[Represents number reported only. Services administered or supervised by State health agencies under Social Security Act. Includes data for Alaska, Hawaii, Puerto Rico, and the Virgin Islands. Subject to revision]

TYPE OF SERVICE	1949	1950	1951	1952	1953
<b>MEDICAL SERVICES</b>					
Maternity service:					
Cases admitted to antepartum medical service.....	168,000	175,000	189,000	180,000	178,000
Visits by antepartum cases to medical conferences.....	511,000	525,000	555,000	540,000	526,000
Cases given postpartum medical examination.....	56,000	59,000	53,000	55,000	49,000
Infant hygiene:					
Individuals admitted to medical service.....	295,000	303,000	402,000	434,000	412,000
Visits to medical conferences.....	865,000	827,000	1,122,000	1,240,000	1,160,000
Preschool hygiene:					
Individuals admitted to medical service.....	399,000	420,000	580,000	576,000	592,000
Visits to medical conferences.....	839,000	832,000	1,059,000	1,145,000	1,109,000
School hygiene, examinations by physicians.....	2,299,000	2,223,000	2,578,000	2,706,000	2,737,000
<b>PUBLIC HEALTH NURSING SERVICES</b>					
Maternity service:					
Cases admitted to antepartum nursing service.....	242,000	258,000	268,000	256,000	254,000
Field and office visits to and by antepartum cases.....	640,000	649,000	672,000	646,000	645,000
Cases given nursing service at delivery.....	6,000	5,000	3,900	2,200	2,400
Cases admitted to postpartum nursing service.....	243,000	246,000	281,000	283,000	266,000
Nursing visits to postpartum cases.....	506,000	509,000	578,000	555,000	544,000
Infant hygiene:					
Individuals admitted to nursing service.....	552,000	537,000	698,000	686,000	646,000
Field and office nursing visits.....	1,539,000	1,516,000	1,730,000	1,663,000	1,664,000
Preschool hygiene:					
Individuals admitted to nursing service.....	577,000	560,000	732,000	744,000	738,000
Field and office nursing visits.....	1,369,000	1,407,000	1,577,000	1,538,000	1,498,000
School hygiene, field and office nursing visits.....	2,672,000	2,894,000	2,453,000	2,581,000	2,668,000
<b>IMMUNIZATIONS</b>					
Smallpox.....	1,562,000	1,617,000	1,850,000	1,893,000	2,062,000
Diphtheria.....	1,556,000	1,557,000	1,672,000	1,718,000	1,977,000
<b>OTHER SERVICES</b>					
Inspections by dentists or dental hygienists:					
Preschool children.....	76,000	72,000	80,000	88,000	92,000
School children.....	2,095,000	2,324,000	2,592,000	2,464,000	2,668,000
Visits for midwife supervision.....	28,000	32,000	32,000	29,000	29,000

Source: Department of Health, Education, and Welfare, Social Security Administration, Children's Bureau.

## No. 325.—BOY SCOUTS AND GIRL SCOUTS—MEMBERSHIP AND UNITS: 1940 TO 1954

[Boy-scout data on calendar-year basis; girl-scout data for years ending June 30]

ITEM	1940	1945	1950	1951	1952	1953	1954
<b>BOY SCOUTS OF AMERICA</b>							
Total membership.....	1,449,412	1,977,463	2,795,222	2,942,779	3,183,266	3,395,884	3,774,015
Boys.....	1,105,941	1,533,718	2,071,649	2,178,690	2,350,597	2,498,793	2,779,255
Cub scouts (8 to 10 years old).....	195,369	473,503	828,344	924,258	1,034,089	1,101,413	1,235,683
Boy scouts (11 to 13 years old).....	910,572	1,060,215	827,132	858,995	919,395	999,203	1,118,211
Explorers (14 years and over).....			416,173	395,437	397,113	398,177	425,361
Adults.....	343,471	443,745	723,573	764,089	832,669	897,091	994,760
Total units (troops).....	48,004	61,026	78,716	81,178	85,432	89,747	97,117
<b>GIRL SCOUTS OF THE U. S. A.</b>							
Total membership.....	633,113	1,144,261	1,612,074	1,764,682	1,888,422	2,058,801	2,280,972
Girls.....	510,175	914,614	1,241,994	1,357,594	1,451,861	1,580,079	1,748,561
Brownies (7 to 9 years old).....	78,989	263,239	546,489	634,599	696,491	737,122	823,972
Intermediates (10 to 13 years old).....	387,570	594,403	638,594	660,722	693,226	775,891	854,518
Seniors (14 to 17 years old).....	43,616	56,972	56,911	62,273	62,144	67,066	70,071
Adults.....	122,938	229,647	370,080	407,088	436,561	478,722	532,411
Total units (troops).....	27,134	46,501	74,591	82,370	88,398	96,989	107,424

Sources: Boy Scouts of America, National Council, New Brunswick, N. J., annual report; and Girl Scouts of the United States of America, New York, N. Y., annual report.



**No. 326.—ORPHANS, BY TYPE AND BY AGE, AND PERCENT RECEIVING OLD-AGE AND SURVIVORS INSURANCE BENEFITS: OCTOBER 1949 AND JULY 1953**

[Orphans refer to children under age 18 who have been orphaned at any time; full orphan refers to loss of both parents, paternal orphan to loss of father, maternal orphan to loss of mother. Age on last birthday]

DATE AND ITEM	Total orphans	Paternal orphans only	Maternal orphans only	Full orphans
<b>OCTOBER 1, 1949</b>				
Number.....1,000.....	2,929	1,892	956	81
Percent of child population.....	6.10	3.94	1.99	0.17
<b>JULY 1, 1953</b>				
Number.....1,000.....	2,869	1,926	877	66
Percent of child population.....	5.37	3.61	1.64	0.12
By age:				
0 to 4 years.....1,000.....	186	123	53	-----
5 to 9 years.....do.....	621	425	189	7
10 to 14 years.....do.....	1,113	748	340	25
15 to 17 years.....do.....	949	620	295	34
Percent receiving old-age and survivors insurance benefits:				
By age groups, total <sup>1</sup> .....	32	<sup>2</sup> 46	( <sup>3</sup> )	( <sup>2</sup> )
0 to 4 years.....	45	<sup>2</sup> 63	( <sup>3</sup> )	( <sup>2</sup> )
5 to 9 years.....	42	<sup>2</sup> 60	( <sup>3</sup> )	( <sup>2</sup> )
10 to 14 years.....	32	<sup>2</sup> 46	( <sup>3</sup> )	( <sup>2</sup> )
15 to 17 years.....	23	<sup>2</sup> 34	( <sup>3</sup> )	( <sup>2</sup> )

<sup>1</sup> Distribution by age of number receiving benefits as of June 30, 1953, estimated on basis of distribution as of December 1952.

<sup>2</sup> Full orphans included with paternal orphans.

<sup>3</sup> Number of maternal orphans who were entitled to receive benefits on the basis of their mothers' wage record was negligible.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Social Security Bulletin*, July 1954, and records.

**No. 327.—SERVICES FOR CRIPPLED CHILDREN: 1948 TO 1953**

[Represents number reported only. Services provided or purchased by official State crippled children's agencies under the Social Security Act. Includes data for Alaska, Hawaii, Puerto Rico, and the Virgin Islands. Subject to revision]

TYPE OF SERVICE	1948	1949	1950 <sup>1</sup>	1951 <sup>1</sup>	1952 <sup>1</sup>	1953 <sup>1</sup>
Total number of children who received physician's services.....	155,000	181,000	214,000	229,000	238,000	251,000
Clinic service:						
Number of children.....	131,000	151,000	172,000	187,000	191,000	203,000
Number of visits.....	284,000	320,000	364,000	388,000	400,000	432,000
Average number of visits per child.....	2.2	2.1	2.1	2.1	2.1	2.1
Physician's office and home services:						
Number of children.....	12,000	21,000	25,000	24,400	41,000	44,000
Number of visits.....	39,000	61,000	91,000	89,000	94,000	59,000
Average number of visits per child.....	3.1	3.0	3.7	3.6	2.3	1.4
Hospital in-patient care:						
Number of children.....	32,000	38,000	43,000	43,400	43,000	44,000
Number of days' care.....	1,335,000	1,454,000	1,425,000	1,323,000	1,345,000	1,264,000
Average number of days per child.....	41.5	37.8	32.8	30.4	31.3	28.7
Convalescent-home care:						
Number of children.....	5,000	5,600	5,500	5,600	4,900	4,400
Number of days' care.....	484,000	556,000	529,000	529,000	481,000	469,000
Average number of days per child.....	97.1	98.9	96.9	94.1	98.2	106.0

<sup>1</sup> Excludes data for Arizona which did not participate in crippled children's program under Social Security Act during this period.

Source: Department of Health, Education, and Welfare, Social Security Administration, Children's Bureau.

# No. 328.—MATERNAL AND CHILD HEALTH AND WELFARE SERVICES—GRANTS TO STATES AND OTHER AREAS: 1954

[In thousands of dollars. For year ending June 30. Based on checks issued less refunds]

STATE OR OTHER AREA	Maternal and child health services	Services for crippled children	Child welfare services	STATE OR OTHER AREA	Maternal and child health services	Services for crippled children	Child welfare services
<b>Total</b> .....	<b>11,898.1</b>	<b>10,727.1</b>	<b>6,755.2</b>	Nevada.....	65.1	52.4	33.9
Alabama.....	447.7	362.1	229.0	New Hampshire.....	71.3	84.0	48.8
Arizona.....	110.8	64.0	64.0	New Jersey.....	145.9	173.5	78.3
Arkansas.....	241.0	292.5	172.3	New Mexico.....	108.7	76.0	69.4
California.....	484.1	318.1	214.5	New York.....	436.0	337.5	183.1
Colorado.....	194.0	90.6	72.7	North Carolina.....	523.6	425.3	333.0
Connecticut.....	124.3	182.9	65.9	North Dakota.....	86.8	85.2	44.8
Delaware.....	84.5	69.1	39.7	Ohio.....	383.2	328.6	162.7
Dist. of Columbia.....	154.3	132.2	28.9	Oklahoma.....	160.4	236.2	142.2
Florida.....	247.7	180.8	124.8	Oregon.....	110.4	99.4	57.5
Georgia.....	431.0	360.2	294.9	Pennsylvania.....	467.5	446.2	298.3
Idaho.....	85.8	78.5	40.0	Rhode Island.....	83.4	101.1	39.1
Illinois.....	314.7	353.6	163.1	South Carolina.....	262.1	284.4	207.7
Indiana.....	193.3	155.0	61.6	South Dakota.....	63.9	79.1	71.9
Iowa.....	153.2	211.5	157.4	Tennessee.....	424.6	351.2	227.1
Kansas.....	127.2	120.9	109.4	Texas.....	519.5	507.7	321.1
Kentucky.....	334.8	355.0	232.1	Utah.....	125.4	114.7	57.6
Louisiana.....	311.5	238.2	168.9	Vermont.....	78.8	72.7	52.1
Maine.....	92.2	87.1	71.6	Virginia.....	344.2	310.1	213.3
Maryland.....	322.7	260.7	97.0	Washington.....	169.9	146.4	109.7
Massachusetts.....	322.6	192.6	76.6	West Virginia.....	219.7	144.7	177.8
Michigan.....	340.8	315.3	210.7	Wisconsin.....	197.1	246.6	169.8
Minnesota.....	224.4	216.3	164.3	Wyoming.....	76.2	53.4	40.4
Mississippi.....	338.4	292.8	213.3	Alaska.....	80.0	142.1	36.4
Missouri.....	250.2	250.8	169.7	Hawaii.....	136.2	138.5	42.0
Montana.....	85.1	89.7	61.7	Puerto Rico.....	370.2	315.7	162.6
Nebraska.....	91.3	103.9	40.3	Virgin Islands.....	80.4	64.0	30.2

Source: Department of Health, Education, and Welfare, Social Security Administration, Children's Bureau.

# No. 329.—VOCATIONAL REHABILITATION OF DISABLED PERSONS—NUMBER REHABILITATED, BY TYPE OF DISABILITY AND OCCUPATION: 1948 TO 1954

[For years ending June 30]

TYPE	1948	1949	1950	1951	1952	1953	1954 <sup>1</sup>
<b>Total</b> .....	<b>53,131</b>	<b>58,020</b>	<b>59,597</b>	<b>66,193</b>	<b>63,632</b>	<b>61,308</b>	<b>55,825</b>
<b>Disability:</b>							
Amputated or missing members.....	7,276	7,398	7,582	7,986	7,773	7,230	6,583
Impairment of extremities.....	13,510	14,296	13,720	14,852	13,730	12,769	11,627
Impairment of other parts of body <sup>2</sup> .....	3,532	3,884	4,501	4,980	4,981	5,061	4,608
Visual:							
Blind.....	2,569	3,166	3,210	3,614	3,738	3,685	3,355
Other visual.....	3,631	3,895	3,880	4,551	4,012	3,770	3,433
Aural:							
Deaf.....	1,064	1,152	1,267	1,488	1,179	1,068	972
Hard of hearing.....	3,436	3,935	4,024	4,208	3,780	3,293	2,999
Speech defect.....	538	648	675	874	876	793	722
Tuberculosis, pulmonary.....	4,433	4,738	4,913	5,807	5,835	6,241	5,683
Cardiac.....	2,125	2,284	2,308	2,592	2,531	2,649	2,412
Other diseases.....	7,745	8,780	9,657	10,626	10,841	10,635	9,685
Mental disorders.....	3,237	3,838	3,845	4,608	4,315	4,114	3,746
Not reported.....	35	6	15	7	41		
<b>Job or occupation:</b>							
Professional.....	2,749	3,025	3,117	3,024	3,161	3,021	2,751
Semiprofessional.....	1,320	1,299	1,193	1,329	1,384	1,346	1,226
Managerial and official.....	969	997	1,691	1,605	1,655	1,571	1,430
Clerical and kindred.....	7,955	8,667	7,852	10,287	10,134	9,740	8,869
Sales and kindred.....	3,176	3,498	3,361	3,094	2,865	2,708	2,466
Service occupations.....	7,533	8,852	9,142	9,756	9,863	9,669	8,804
Agriculture, fishing, etc.....	4,221	5,039	5,731	5,416	5,579	5,198	4,733
Skilled.....	8,654	8,898	9,305	10,329	9,078	8,197	7,464
Semiskilled.....	7,796	7,765	7,962	10,350	9,407	9,201	8,378
Unskilled.....	4,923	5,113	4,095	5,295	4,425	4,206	3,830
Family workers and housewives.....	3,807	4,843	6,131	5,679	6,034	6,441	5,865
Not reported.....	28	24	17	29	47	10	9

<sup>1</sup> Subject to revision. <sup>2</sup> Includes spine, neck, head, facial disfigurement, dwarf.

Source: Department of Health, Education, and Welfare, Office of Vocational Rehabilitation.



No. 330.—VOCATIONAL REHABILITATION OF DISABLED PERSONS—NUMBER AND EXPENDITURES, BY STATES AND OTHER AREAS: 1954

[For year ending June 30]

STATE OR OTHER AREA	Number rehabili- tated	Number in process of reha- bilita- tion on June 30	EXPENDITURES (\$1,000)				
			Total	By State boards of vocational educa- tion		By State agencies for the blind	
				Total	Federal	Total	Federal
<b>Total</b> -----	<b>55,825</b>	<b>126,770</b>	<b>34,902</b>	<b>31,315</b>	<b>19,360</b>	<b>3,587</b>	<b>2,402</b>
Alabama-----	1,729	4,386	935	935	556		
Arizona-----	195	418	200	157	90	43	29
Arkansas-----	1,113	2,353	519	519	354		
California-----	2,076	4,886	2,650	2,650	1,640		
Colorado-----	430	986	240	202	130	38	30
Connecticut-----	925	2,074	438	396	262	42	27
Delaware-----	476	706	235	187	118	48	30
District of Columbia-----	284	837	252	252	167		
Florida-----	1,594	3,727	1,136	868	540	268	169
Georgia-----	3,954	6,863	2,501	2,501	1,376		
Idaho-----	141	256	86	72	46	14	12
Illinois-----	3,568	6,009	1,805	1,805	1,174		
Indiana-----	1,132	2,778	534	486	313	48	41
Iowa-----	798	1,748	478	455	252	23	18
Kansas-----	563	1,139	347	266	170	81	47
Kentucky-----	430	1,427	220	220	138		
Louisiana-----	1,292	3,491	744	658	401	86	71
Maine-----	210	602	144	114	73	30	17
Maryland-----	881	2,702	542	542	320		
Massachusetts-----	745	1,792	455	404	214	51	34
Michigan-----	2,782	5,637	1,496	1,358	867	138	86
Minnesota-----	675	2,749	533	400	247	133	63
Mississippi-----	1,087	2,574	750	596	280	154	90
Missouri-----	1,165	1,915	666	544	341	122	93
Montana-----	381	682	206	179	115	27	17
Nebraska-----	546	913	297	247	152	50	33
Nevada-----	48	61	34	34	24		
New Hampshire-----	108	256	86	63	40	23	10
New Jersey-----	826	1,916	645	520	323	125	94
New Mexico-----	237	469	171	142	85	29	22
New York-----	3,629	7,413	2,234	1,861	1,189	373	233
North Carolina-----	2,824	5,452	1,256	938	533	318	226
North Dakota-----	209	338	147	147	86		
Ohio-----	1,169	2,494	667	491	339	176	126
Oklahoma-----	1,219	4,094	754	754	469		
Oregon-----	523	1,709	422	365	253	57	38
Pennsylvania-----	3,203	6,826	2,329	1,955	1,331	374	237
Rhode Island-----	287	696	159	128	82	31	23
South Carolina-----	1,504	2,990	666	617	432	49	40
South Dakota-----	154	568	132	105	60	27	17
Tennessee-----	1,575	2,984	988	822	497	166	123
Texas-----	2,333	7,020	1,494	1,290	774	204	146
Utah-----	257	773	141	141	108		
Vermont-----	119	339	141	121	76	20	15
Virginia-----	1,785	3,763	766	724	440	42	29
Washington-----	846	2,334	774	725	434	49	30
West Virginia-----	1,545	4,437	818	818	492		
Wisconsin-----	1,154	3,468	778	693	436	85	60
Wyoming-----	121	287	115	115	80		
Alaska-----	13	83	65	65	39		
Hawaii-----	196	464	263	220	126	43	26
Puerto Rico-----	769	1,836	448	448	276		

Source: Department of Health, Education, and Welfare, Office of Vocational Rehabilitation.

### No. 331.—AMERICAN NATIONAL RED CROSS—SUMMARY OF MEMBERSHIP, INCOME, AND EXPENDITURES: 1945 TO 1954

[For years ending June 30. The national organization's financial plan provides for a general fund balance to meet national emergencies or other extraordinary circumstances. Excess of income is transferred to, and excess of expenditures is financed from, this fund]

ITEM	1945	1947	1948	1949	1950	1951	1952	1953	1954
Adult membership (1,000):									
Total, incl. insular and foreign	36,645	18,110	18,098	18,138	18,090	18,635	20,829	20,893	<sup>1</sup> 21,000
Continental U. S. and Alaska	36,502	18,044	17,989	17,896	17,839	18,500	20,140	20,110	<sup>1</sup> 20,220
Percent of total population <sup>2</sup>	27.7	13.7	13.7	13.6	12.6	12.0	13.0	13.3	13.7
<b>Income, total <sup>3</sup>.....\$1,000.....</b>	<b>165,629</b>	<b>64,713</b>	<b>43,294</b>	<b>40,134</b>	<b>31,266</b>	<b>32,788</b>	<b>43,225</b>	<b>42,053</b>	<b>47,623</b>
Contributions, total	163,503	57,530	39,619	37,748	28,959	30,500	41,697	40,626	44,874
From fund campaigns	162,177	56,823	38,918	37,112	28,662	30,162	34,068	39,978	43,389
For disaster relief operations	116	185	222	321	32	51	7,371	338	1,070
For Junior Red Cross program	819	452	421	282	247	223	203	245	293
Other contributions	391	70	58	33	18	63	55	65	122
Other income	2,126	7,183	3,675	2,386	2,307	2,288	1,528	1,427	2,749
<b>Expenditures, total <sup>4</sup>.....\$1,000.....</b>	<b>130,671</b>	<b>65,808</b>	<b>50,929</b>	<b>43,698</b>	<b>39,561</b>	<b>45,917</b>	<b>56,948</b>	<b>40,373</b>	<b>42,821</b>
Services to Armed Forces and veterans	112,345	33,047	16,429	14,891	12,428	16,613	18,257	16,128	18,170
Disaster preparedness and relief	3,463	8,887	12,533	6,804	5,589	3,765	19,039	5,440	1,930
Blood program	29	1,192	1,778	5,100	5,847	9,847	6,437	6,589	9,917
Health and safety services	2,610	2,251	1,987	2,112	1,774	1,962	1,798	1,388	1,290
Junior Red Cross	988	1,476	1,417	1,374	1,124	925	780	507	713
Volunteer services	374	192	276	304	2,356	3,077	3,515	3,735	4,636
Services and assistance to chapters	2,097	2,700	2,330	2,372					
Public relations and fund raising	2,253	1,473	1,422	1,338	1,137	1,103	1,100	964	1,067
International relations	4,034	3,568	1,331	884	375	401	353	221	184
General executive offices	2,478	1,935	1,864	1,616	1,948	1,793	1,451	1,270	1,447
Acquisition and construction of land and buildings		1,159	137	451		2,418	81	631	
Operating facilities		7,928	9,425	6,452	6,983	4,008	4,137	3,500	3,467
Excess of income (+) or excess of expenditures (-) (\$1,000)	+34,958	-1,095	-7,635	-3,564	-8,295	-13,129	-13,723	+1,680	+4,802

<sup>1</sup> Estimated. <sup>2</sup> Based on population data of Bureau of Census.

<sup>3</sup> Excludes income of chapters.

<sup>4</sup> Data for chapter budgets not included; additional expenditures by chapters estimated at approximately \$45,152,000 for year ending June 30, 1954. Activities common to all services, such as stenographic section, files, etc., previously prorated to the various services, are included with "Operating facilities" beginning 1947. Beginning 1950, applicable proportion of cost of telecommunications, duplicating service, insurance, and retirement charged directly to program services.

Source: The American National Red Cross, annual report.

### No. 332.—FUNDS RAISED BY COMMUNITY CHEST AND UNITED FUND CAMPAIGNS: 1925 TO 1954

[Includes all campaigns for which data are on file with Community Chests and Councils of America, Incorporated. Reports of campaign results are based on the total raised in the federated campaign. In cases where an agency such as the Red Cross was included in the joint campaign for only part of its goal, only the amount raised for the agency through the joint campaign is reported. The campaigns of Canada are included]

YEAR	Number of campaigns	RAISED FOR SPECIFIED YEAR		YEAR	Number of campaigns	RAISED FOR SPECIFIED YEAR	
		Amount	Percent of goal			Amount	Percent of goal
1925.....	240	\$58,003,965	94.0	1940.....	561	\$86,297,068	95.3
1926.....	285	63,677,235	94.7	1941.....	598	90,379,099	98.0
1927.....	308	66,432,072	94.4	1942.....	632	104,575,800	99.6
1928.....	314	68,664,042	96.2	1943.....	649	162,334,486	107.0
1929.....	331	73,276,688	95.9	1944.....	703	210,415,187	100.9
1930.....	353	75,972,555	95.5	1945.....	772	221,272,950	101.9
1931.....	386	84,796,505	98.7	1946.....	798	197,048,839	89.8
1932.....	397	101,377,537	96.8	1947.....	841	168,521,984	96.6
1933.....	401	77,752,954	83.7	1948.....	1,010	177,082,356	95.3
1934.....	399	70,609,078	83.2	1949.....	1,152	188,061,328	91.9
1935.....	406	69,781,478	87.2	1950.....	1,318	192,933,988	93.1
1936.....	429	77,367,634	91.8	1951.....	1,498	197,987,292	94.0
1937.....	452	81,707,787	93.8	1952.....	1,500	240,920,220	93.8
1938.....	475	83,898,234	93.3	1953.....	1,560	266,124,734	96.1
1939.....	523	82,771,362	91.2	1954.....	1,690	287,539,960	96.7

Source: Community Chests and Councils of America, Inc., New York, N. Y.; annual directory.



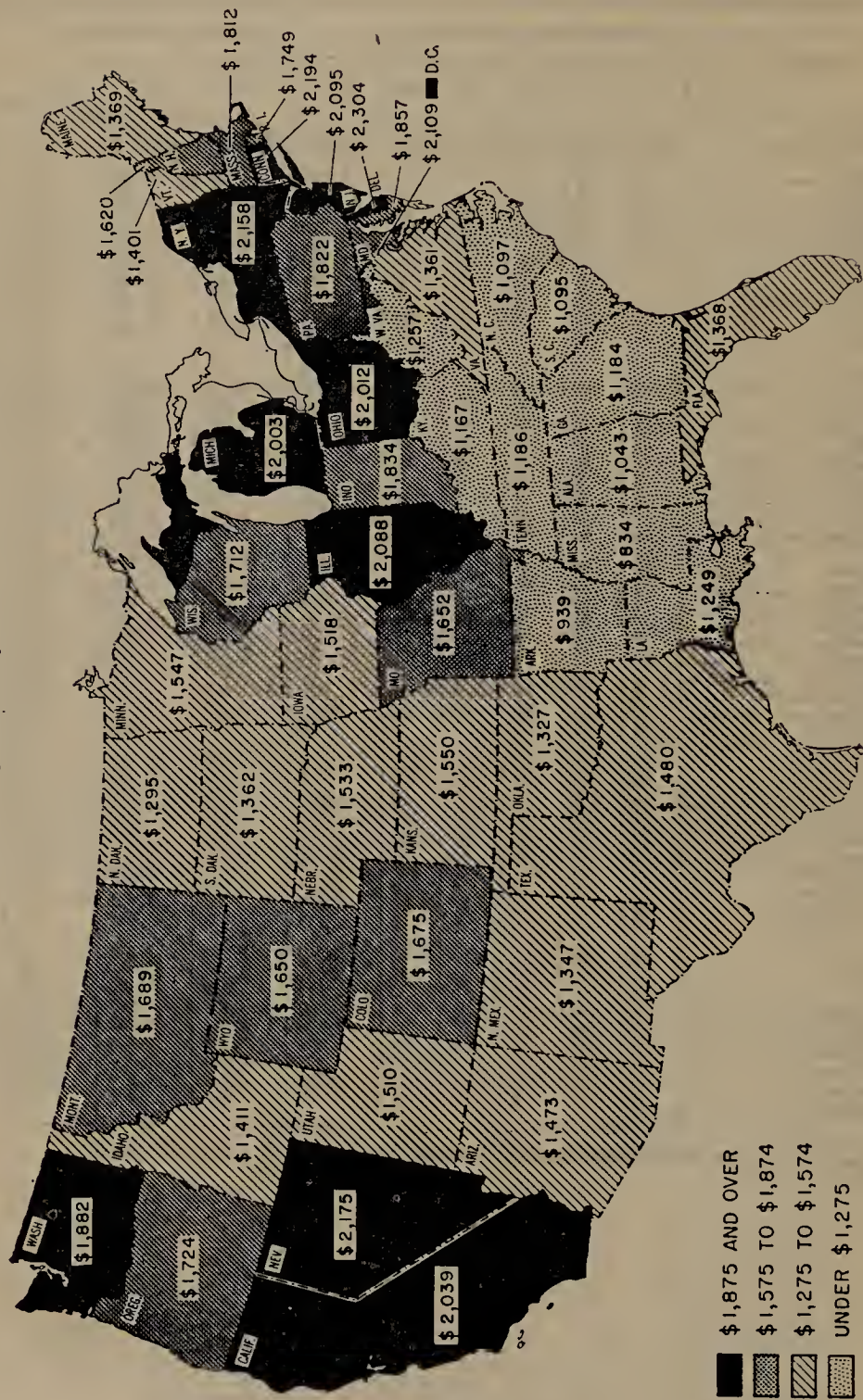
No. 333.—NUMBER OF COMMUNITY CHEST AND UNITED FUND CAMPAIGNS, AND  
AMOUNT RAISED, BY STATES: 1950 TO 1954

[Funds in thousands of dollars. See also table 332]

STATE	NUMBER OF CAMPAIGNS					FUNDS RAISED FOR—				
	1950	1951	1952	1953	1954	1950	1951	1952	1953	1954
<b>Total</b> .....	<b>1,259</b>	<b>1,435</b>	<b>1,438</b>	<b>1,493</b>	<b>1,619</b>	<b>181,801</b>	<b>201,012</b>	<b>227,899</b>	<b>252,359</b>	<b>272,338</b>
Alabama.....	16	16	16	17	19	1,714	1,890	2,101	2,247	2,792
Arizona.....	5	5	5	5	5	490	567	735	803	795
Arkansas.....	11	9	10	10	10	829	831	892	935	1,051
California.....	119	122	120	125	124	16,322	16,902	18,852	24,230	25,727
Colorado.....	7	7	7	8	8	1,882	2,162	2,326	2,357	2,721
Connecticut.....	20	20	25	23	30	4,599	4,988	5,866	6,133	6,453
Delaware.....	1	3	3	3	2	870	876	1,028	1,110	1,155
District of Columbia.....	1	1	1	1	1	3,574	3,565	3,828	3,868	3,852
Florida.....	17	18	19	18	21	2,093	2,413	2,791	3,142	3,678
Georgia.....	23	24	22	23	21	2,239	2,384	2,882	3,503	3,656
Idaho.....	9	7	7	7	5	246	225	226	258	154
Illinois.....	79	111	109	108	112	11,579	12,718	13,939	14,275	15,050
Indiana.....	39	39	36	38	43	4,213	4,662	5,470	6,214	6,585
Iowa.....	38	45	59	58	75	2,472	2,630	2,997	3,631	3,955
Kansas.....	22	24	25	26	27	1,197	1,415	1,697	1,987	2,197
Kentucky.....	19	22	21	19	20	1,861	1,929	2,137	2,222	2,337
Louisiana.....	7	9	9	10	8	2,010	2,130	2,470	3,941	4,290
Maine.....	6	6	7	7	8	557	580	658	726	781
Maryland.....	8	9	8	8	8	2,258	2,364	2,622	2,682	2,806
Massachusetts.....	38	49	48	48	46	9,606	10,565	11,667	11,911	12,907
Michigan.....	116	110	73	102	103	14,000	15,575	17,740	19,549	21,522
Minnesota.....	33	36	38	39	41	4,422	4,759	5,132	5,341	5,567
Mississippi.....	10	11	12	12	13	488	576	628	661	1,004
Missouri.....	17	21	23	24	24	7,005	7,855	9,494	9,615	10,328
Montana.....	6	7	7	7	7	304	320	300	355	375
Nebraska.....	10	12	11	11	11	1,229	1,534	1,700	1,855	1,888
Nevada.....	3	3	3	3	3	185	185	194	198	206
New Hampshire.....	8	8	8	9	9	363	412	418	444	473
New Jersey.....	39	43	43	48	45	5,950	6,459	7,647	8,240	8,711
New Mexico.....	5	9	8	7	7	192	252	298	350	371
New York.....	82	89	99	102	103	11,275	12,826	14,149	15,179	16,586
North Carolina.....	27	29	34	37	51	1,735	1,997	2,444	3,150	4,754
North Dakota.....	6	8	9	9	10	295	250	274	303	325
Ohio.....	81	107	105	105	110	16,190	18,481	21,473	23,223	25,311
Oklahoma.....	18	21	22	22	25	1,605	1,780	2,083	2,973	3,112
Oregon.....	10	11	10	13	44	1,846	1,700	1,986	2,994	3,757
Pennsylvania.....	95	99	101	103	105	20,164	23,177	24,403	25,248	26,027
Rhode Island.....	4	5	5	5	5	1,457	1,645	1,665	1,783	1,749
South Carolina.....	12	13	13	17	18	842	927	1,091	1,303	1,478
South Dakota.....	6	6	6	6	6	218	232	291	330	334
Tennessee.....	13	15	16	16	16	2,380	2,762	3,085	3,194	3,558
Texas.....	44	52	55	58	97	7,069	7,930	11,135	12,757	14,512
Utah.....	2	2	2	2	2	373	399	420	440	461
Vermont.....	5	4	3	4	4	200	192	189	226	222
Virginia.....	32	35	36	34	35	2,899	2,951	3,281	3,481	3,570
Washington.....	30	34	31	30	28	3,121	3,520	3,836	5,211	5,844
West Virginia.....	14	14	13	14	13	994	1,104	1,193	1,321	1,305
Wisconsin.....	43	81	90	82	86	4,381	5,281	5,993	6,312	6,518
Wyoming.....	3	4	5	5	5	97	133	172	176	161

Source: Community Chests and Councils of America, Inc., New York; annual directory.

FIG. XIX.—PER CAPITA INCOME PAYMENTS TO INDIVIDUALS: 1953  
[See table 344]



Source: Department of Commerce, Office of Business Economics.



## 11. Income, Expenditures, and Wealth

This section presents statistics relating to two different aspects of income and expenditures: Those which in aggregate reflect the entire complex of the Nation's economic activities and the interaction of its major components (national income, national product, personal income); and those which provide data showing the distribution of families and individuals by income size-classes or type of expenditure. This section also includes data on net worth of families and individuals and on national wealth.

The primary source for national income and product data is the Department of Commerce, Office of Business Economics' monthly *Survey of Current Business*. Each July issue of the *Survey* is identified as the *National Income Number* and contains the most recent and detailed data on this subject. Historical data for 1929 to 1953 appear in the 1954 *National Income Supplement to the Survey*. A further development of the general body of national income data appears in *Income Distribution in the United States, 1944-1950*, a supplement to the *Survey*, which presents personal income data classified by income size-groups.

A primary source for data on distribution of income by size-class is the Bureau of the Census, *Current Population Reports—Consumer Income*, Series P-60. A brief discussion of the Current Population Survey which is the basis for the data in the above report appears in the Sampling Note on p. 183 and also on p. 2. Another primary source for information in this field is the national Survey of Consumer Finances conducted annually since 1946 for the Board of Governors of the Federal Reserve System by the Survey Research Center of the University of Michigan. This survey consists of a sample of approximately 2,500 to 3,000 family units or 2,800 to 3,500 spending units and is taken at 60 to 75 sampling points. Survey findings are published in the *Federal Reserve Bulletin* and include information regarding debts, purchases, liquid assets, and other financial matters as well as income of families.

A national survey of family income, expenditures, and savings was made by the Bureau of Labor Statistics for 1950. Preliminary data for families of two or more persons, showing by cities the average income, family size, and other characteristics, have been published in BLS Bulletin 1097 (Revised), *Family Income, Expenditures, and Savings in 1950*. (See tables 350 and 351 for selected data from this bulletin.) Family expenditures data for selected cities from 1946 to 1949 have been published in BLS Bulletin No. 1065, *Family Income, Expenditures, and Savings in 10 Cities*.

**Nation's economic summation.**—A synoptic view of the economy is provided by the summary of the Nation's income, expenditure, and saving shown in the form of a balancing set of accounts for the major economic categories—consumers, business, and government. (See table 334.) These statistics assembled by the Council of Economic Advisers are based on the "national income and product" accounts of the Department of Commerce. An explanation of the items included in this summation may be found in the 1954 *Economic Report of the President* and in the *Historical and Descriptive Supplement to Economic Indicators*, 83d Congress, 1st Session.

**Gross national product.**—Gross national product (often called GNP) represents the total national output of goods and services at market prices. It measures this output in terms of the expenditures by which these goods are acquired. These expenditures comprise the purchases of goods and services by consumers and govern-

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Note.—This section presents data for the most recent year or period available on March 16, 1955, when the material was organized and sent to the printer.

ment, gross private domestic investment, and net foreign investment. The goods and services included in GNP are, for the most part, those actually bought for final use in legal markets. There are a number of inclusions, however, which represent imputed values, the most important of which is the rental value of owner-occupied dwellings. GNP, the total national output, measures the product attributable to the factors of production—labor and property—supplied by residents of continental United States. GNP differs from “national income,” described below, mainly in that GNP includes allowances for depreciation and similar capital consumption and indirect taxes (such as sales and excise taxes).

**National income.**—National income is the aggregate of earnings by labor and property from the current production of goods and services by the Nation's economy. It is the sum represented by compensation of employees, proprietors' income, rental income, net interest, and corporate profits. Thus, it measures the total factor costs of the goods and services produced by the economy. Earnings are inclusive of taxes on those earnings.

**Personal income.**—Personal income is the current income received by individuals, by unincorporated businesses, and by nonprofit institutions (including pension, trust, and welfare funds) from all sources. It includes transfers (payments not resulting from current production) from government and business such as social-security benefits, military pensions, etc., but excludes transfers among persons and government interest payments. Although most of the income is in monetary form, there are important nonmonetary inclusions—chiefly, estimated rental value to owner-occupants of their homes and the value of food consumed on farms.

Disposable personal income is equal to personal income less taxes on individuals (including income, property, and other taxes not deductible as business expense), customs receipts, and other general Government revenues received from individuals as individuals.

**Distribution of income by size-class.**—These statistics are based on data collected in various field surveys of income conducted since 1936. In each of these field surveys trained enumerators interview representative samples of the civilian noninstitutional population with respect to income received during the previous year. The income here referred to is consumer money income for the calendar year and is before deduction of income taxes or social security taxes. Nonmoney items of income are not covered. None of the aggregate income concepts (gross national product, national income, or personal income) is exactly comparable with consumer money income. The nearest approximation is “personal income.”

A size distribution of family “personal income” (less amounts received by institutional residents or retained by private trust, pension, health, and welfare funds) is prepared by the Office of Business Economics based on data from consolidated Federal individual income tax returns and the sample data from the survey mentioned above. These statistics are described in *Income Distribution in the United States, 1944-1950* mentioned above. Detailed statistics, including information on Federal individual income tax liabilities, are available in the March 1955 issue of the *Survey of Current Business*.

**Family expenditures and savings.**—The Survey of Consumer Expenditures for 1950 was conducted by the Bureau of Labor Statistics in 91 cities and yielded 12,500 usable schedules from families and single consumers. A family was defined by this Survey as a group of persons dependent on a common or pooled income for the major items of expense and usually living in the same household. For field methods and purposes and for selection of cities, see *Monthly Labor Review*, issues of January and April 1951.



**National wealth.**—National wealth data are currently not compiled by any Federal government agency. The Bureau of the Census prepared estimates of national wealth for selected years from 1850 to 1922. Figures for various dates covering the period 1880 to 1922, based on the Census Bureau reports are shown in *Historical Statistics of the United States, 1789-1945*. For the same period, 1880-1922, estimates for certain components of wealth (land, real estate improvements, and equipment), also largely based on Census Bureau figures, appear in *National Product Since 1869*, by Simon Kuznets, issued by the National Bureau of Economic Research in 1946. More recent data on wealth for the period 1922 to 1938, were compiled by the National Industrial Conference Board and published in *Enterprise and Social Progress*, and in the *Economic Record*. Both the Kuznets estimates and the NICB estimates also appear in *Historical Statistics*.

The wealth data shown here (tables 368 and 369) represent the most recent attempt to derive a consistent and comprehensive series in this field. They were compiled by Dr. Raymond W. Goldsmith and issued in earlier form under the auspices of the National Bureau of Economic Research. As is the case in all national wealth estimates, the figures should be regarded as approximative only. They are intended chiefly to indicate the order of magnitudes involved and to permit rough comparisons among types of wealth and of the growth of wealth over long periods. Careful examination of the methods and sources of the estimates, as they are described in the source volume, *A Study of Saving in the United States*, is therefore advisable before use is made of the figures.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series A 101-116") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

FIG. XX.—MEDIAN TOTAL MONEY INCOME OF MEN AND WOMEN: 1945 TO 1953  
[See table 361]

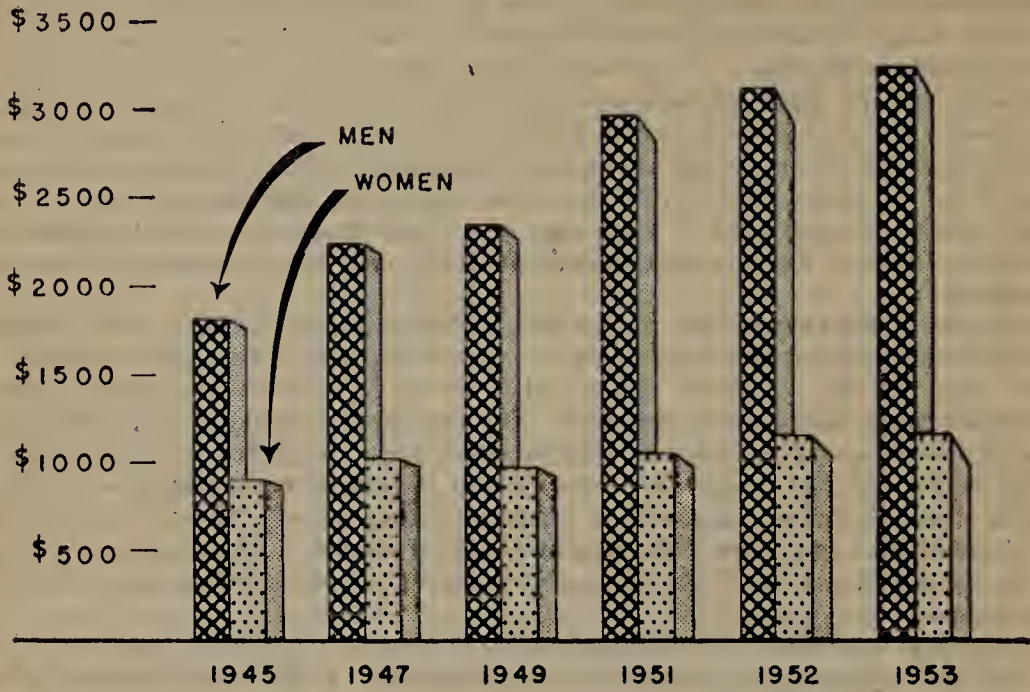
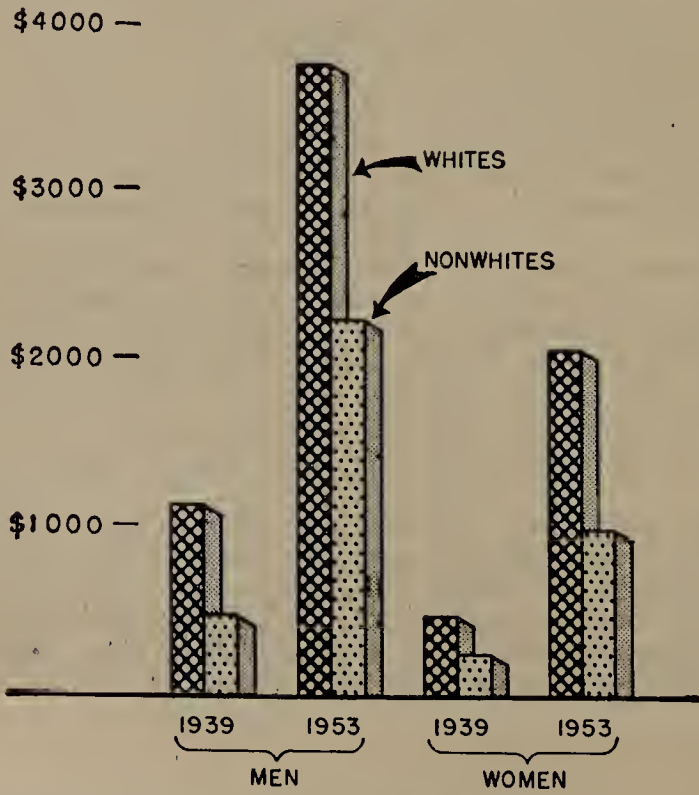


FIG. XXI.—MEDIAN WAGE OR SALARY INCOME OF WHITES AND NONWHITES, BY SEX: 1939 AND 1953  
[See table 363]



Source of figs. XX and XXI: Department of Commerce, Bureau of the Census.



## No. 334.—THE NATION'S INCOME, EXPENDITURE, AND SAVING: 1952 TO 1954

[In billions of dollars. Based on "national income and product" data of Dept. of Commerce. See text, p. 281]

ECONOMIC GROUP	1952			1953			1954 (prel.)		
	Re- ceipts	Ex- pend- itures	Excess of re- ceipts (+) or expend- itures (-)	Re- ceipts	Ex- pend- itures	Excess of re- ceipts (+) or expend- itures (-)	Re- ceipts	Ex- pend- itures	Excess of re- ceipts (+) or expend- itures (-)
<b>Gross national product</b> .....	346.1	346.1	-----	364.9	364.9	-----	357.2	357.2	-----
Consumers:									
Disposable personal income.....	236.9		-----	250.1		-----	253.5		-----
Personal consumption expenditures.....		218.4	-----		230.1	-----		234.0	-----
Personal net saving (+).....			18.4			20.0			19.5
Business:									
Gross retained earnings.....	34.3		-----	35.1		-----	37.1		-----
Gross private domestic investment.....		50.7	-----		51.4	-----		46.1	-----
Excess of investment (-).....			-16.3			-16.3			-9.0
International:									
Net foreign investment.....		- .2	-----		-1.9	-----		- .4	-----
Excess of receipts (+) or investment (-).....			.2			1.9			.4
Government (Federal, State, and local): <sup>1</sup>									
Tax and nontax receipts or accruals.....	91.1		-----	95.9		-----	90.1		-----
Less: Transfers, interest, and subsi- dies (net) <sup>2</sup> .....	16.7		-----	17.3		-----	19.8		-----
Equals: Net receipts.....	74.3		-----	78.6		-----	70.3		-----
Total government expenditures.....		93.9	-----		102.5	-----		97.3	-----
Less: Transfers, interest, and subsi- dies (net) <sup>2</sup> .....		16.7	-----		17.3	-----		19.8	-----
Equals: Purchases of goods and serv- ices.....		77.2	-----		85.2	-----		77.5	-----
Surplus (+) or deficit (-) on income and product account.....			-2.8			-6.6			-7.2
Statistical discrepancy.....	.6		.6	1.0		1.0	-3.7		-3.7

<sup>1</sup> Data are on "income and product" account basis rather than cash or conventional budget basis.<sup>2</sup> Data are subtracted because they are excluded from gross national product.Source: Executive office of the President, Council of Economic Advisers; published in *Economic Report of the President*, January 1955.

## No. 335.—GROSS NATIONAL PRODUCT OR EXPENDITURE IN CONSTANT (1947) DOLLARS: 1929 TO 1954

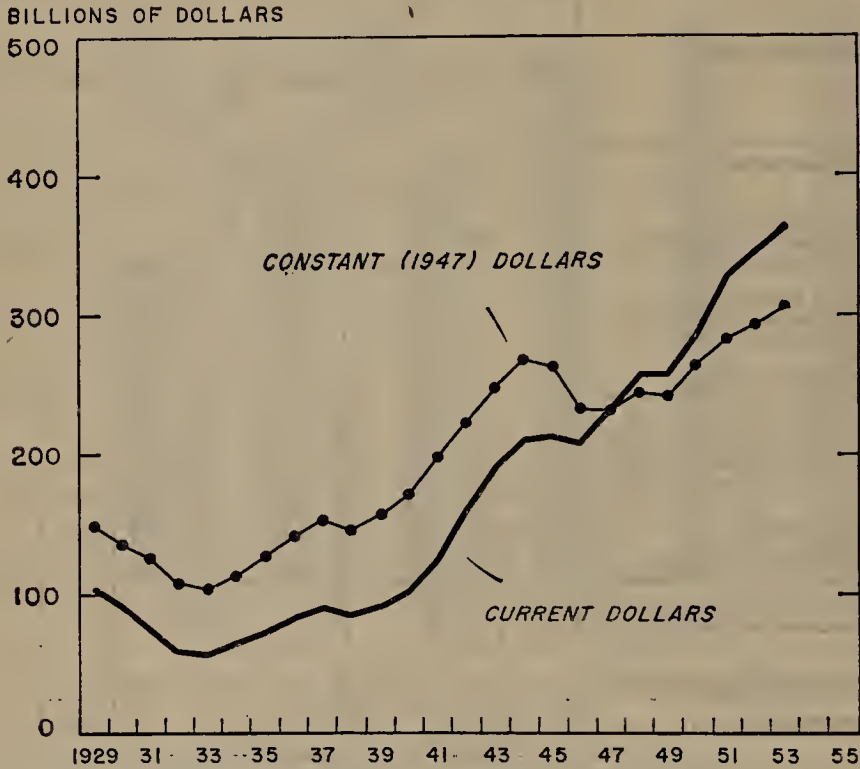
[In billions of 1947 dollars. Constant dollar figures obtained by dividing current-dollar estimates shown in table 336 in as fine a product classification as possible, by appropriate price indexes based on 1947 as 100, in order to eliminate from the current dollar estimates all price change as compared with 1947. For definition of gross national product, see text, p. 281]

ITEM	1929	1933	1940	1945	1949	1950	1951	1952	1953	1954 (prel.)
<b>Gross national product</b> .....	149.3	103.7	171.6	263.1	241.5	264.7	282.9	294.2	306.6	297.2
Personal consumption expenditures.....	107.3	86.6	122.5	145.2	172.3	182.8	183.6	189.2	196.7	197.3
Durable goods.....	13.0	6.7	13.5	8.9	22.4	27.2	24.2	23.8	26.5	25.8
Nondurable goods.....	58.1	49.2	71.6	90.6	94.7	97.2	99.0	102.4	105.2	105.6
Services.....	36.2	30.8	37.4	45.6	55.2	58.4	60.4	63.0	65.0	65.9
Gross private domestic investment.....	26.8	2.1	22.8	13.0	28.1	45.3	45.2	39.9	39.3	35.1
New construction.....	16.1	3.5	10.6	5.0	15.8	20.0	19.0	18.9	19.9	21.4
Producers' durable equipment.....	8.5	2.9	8.4	9.7	15.7	18.3	18.4	18.3	18.8	16.8
Change in business inventories.....	2.1	-4.2	3.9	-1.6	-3.5	7.0	7.8	2.8	.6	-3.1
Net foreign investment.....	1.6	.1	2.2	-2.9	.8	-1.1	2.3	1.6	- .3	1.6
Government purchases of goods and services.....	13.6	14.9	24.1	107.8	40.3	37.7	51.8	63.5	70.8	63.1
Federal.....	2.3	4.3	11.0	97.9	24.3	20.5	34.2	45.7	52.1	43.1
State and local.....	11.2	10.6	13.0	9.9	16.0	17.3	17.5	17.8	18.7	20.1
Gross government product <sup>1</sup> .....	7.0	8.1	13.0	45.1	17.4	18.1	23.0	24.9	24.7	23.9
Other gross product <sup>2</sup> .....	142.3	95.6	158.6	218.0	224.0	246.6	259.9	269.3	281.9	273.2

<sup>1</sup> Compensation of general government employees.<sup>2</sup> Gross national product less compensation of general government employees; i. e., gross product accruing from domestic business, households, and institutions, and from the rest of the world.Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, February 1955, and *National Income Supplement*, 1954.

FIG. XXII.—GROSS NATIONAL PRODUCT IN CURRENT AND CONSTANT DOLLARS: 1929 TO 1953

[See tables 335 and 336]



Source: Department of Commerce, Office of Business Economics.

NO. 336.—GROSS NATIONAL PRODUCT OR EXPENDITURE IN CURRENT DOLLARS: 1929 TO 1954

[In millions of dollars. For definition of gross national product, see text, p. 282. See also *Historical Statistics*, series A 101-116]

ITEM	1929	1933	1940	1945	1949	1950	1951	1952	1953	1954 (Prel.)
Gross national product.....	104,436	55,964	100,618	213,558	257,301	285,067	328,232	346,095	364,857	357,200
Personal consumption expenditures.....	78,952	46,392	71,881	121,699	180,598	194,026	208,342	218,424	230,080	234,000
Durable goods.....	9,212	3,469	7,771	8,105	23,573	28,608	27,148	26,815	29,749	28,900
Nondurable goods.....	37,677	22,251	37,215	73,222	96,879	100,386	111,054	116,012	118,925	120,500
Services.....	32,063	20,672	26,895	40,372	60,146	65,032	70,140	75,597	81,406	84,600
Gross private domestic investment.....	16,231	1,391	13,155	10,430	32,549	51,219	56,864	50,655	51,408	46,100
New construction.....	8,707	1,431	5,452	3,833	17,453	22,733	23,332	23,723	25,536	27,600
Producers' durable equipment.....	5,850	1,589	5,531	7,654	17,833	21,135	23,177	23,307	24,378	22,200
Change in business inventories.....	1,674	-1,629	2,172	-1,057	-2,737	7,351	10,355	3,625	1,494	-3,700
Net foreign investment.....	771	150	1,509	-1,438	534	-2,201	227	-164	-1,866	-400
Government purchases of goods and services.....	8,482	8,031	14,073	82,867	43,620	42,023	62,799	77,180	85,235	77,500
Federal.....	1,311	2,018	6,170	74,796	25,445	22,138	40,995	53,951	60,105	50,000
National security.....	1,344	2,022	2,223	75,923	19,288	18,511	37,260	48,501	52,022	43,600
Other.....				3,956	1,031	6,570	3,882	4,154	5,805	8,485
Less: Government sales.....				2,158	413	255	419	3,555	402	300
State and local.....	7,171	6,013	7,903	8,071	18,175	19,885	21,804	23,229	25,130	27,500

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, February 1955, and *National Income Supplement*, 1954.



# No. 337.—RELATION OF GROSS NATIONAL PRODUCT, NATIONAL INCOME, AND PERSONAL INCOME: 1929 TO 1954

[In millions of dollars. For definitions of gross national product, national income, and personal income, see text, p. 282]

ITEM	1929	1933	1940	1945	1949	1950	1951	1952	1953	1954 (prel.)
<b>Gross national product</b> .....	104,436	55,964	100,618	213,558	257,301	285,067	328,232	346,095	364,857	357,200
Less:										
Capital consumption allowances...	8,617	7,161	8,148	12,549	18,431	20,516	23,469	25,304	27,226	29,300
Depreciation charges.....	7,698	6,661	7,316	11,246	16,380	18,042	20,344	22,456	24,170	(1)
Accidental damage to fixed capital	413	275	246	381	518	616	909	677	808	(1)
Capital outlays charged to current expense.....	506	225	586	922	1,533	1,858	2,216	2,171	2,248	(1)
<b>Equals: Net national product</b> .....	95,819	48,803	92,470	201,009	238,870	264,551	304,763	320,791	337,631	327,900
Plus: Subsidies minus current surplus of Government enterprises...	-147	18	420	760	-181	204	187	-229	-529	-300
Less:										
Indirect business tax and nontax liability.....	7,003	7,055	10,021	15,522	21,644	23,741	25,637	28,049	30,037	30,300
Business transfer payments.....	587	659	431	532	781	843	985	999	1,016	1,000
Statistical discrepancy.....	268	948	804	4,467	71	215	1,287	555	1,047	-3,700
<b>Equals: National income</b> .....	87,814	40,159	81,634	181,248	216,193	239,956	277,041	290,959	305,002	300,000
Less:										
Undistributed corporate profits....	2,446	-2,426	2,443	3,597	8,329	12,934	9,607	8,081	8,921	7,900
Corporate profits tax liability.....	1,369	521	2,834	10,689	10,411	17,829	22,476	19,965	21,144	17,200
Corporate inventory valuation adjustment.....	472	-2,143	-200	-564	1,943	-4,864	-1,260	981	-964	-200
Contributions for social insurance	243	285	2,282	6,138	5,737	6,870	8,170	8,685	8,752	9,700
Excess of wage accruals over disbursements.....	0	0	0	14	-45	0	105	-29	-76	0
Plus:										
Net interest paid by Government...	983	1,170	1,291	3,683	4,597	4,716	4,822	4,876	5,040	5,300
Government transfer payments.....	909	1,457	2,683	5,633	11,622	14,304	11,590	12,091	12,785	14,800
Business transfer payments.....	587	659	431	532	781	843	985	999	1,016	1,000
<b>Equals: Personal income</b> .....	85,763	47,208	78,680	171,222	206,818	227,050	255,340	271,242	286,066	286,500

<sup>1</sup> Not available.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, February 1955, and *National Income Supplement*, 1954.

# No. 338.—PER CAPITA INCOME AND PRODUCT FOR SELECTED ITEMS IN CURRENT AND CONSTANT (1947) DOLLARS: 1929 TO 1954

[For population figures used to derive these data, see table 342]

ITEM	1929	1933	1940	1945	1949	1950	1951	1952	1953	1954 (prel.)
<b>CURRENT DOLLARS</b>										
Gross national product.....	857	445	762	1,526	1,725	1,879	2,126	2,204	2,286	2,200
National income.....	720	320	618	1,295	1,449	1,582	1,795	1,853	1,911	1,850
Personal income.....	704	376	596	1,224	1,386	1,497	1,654	1,727	1,792	1,760
Disposable personal income.....	682	364	576	1,075	1,261	1,359	1,465	1,509	1,567	1,560
Personal consumption expenditures...	648	369	544	870	1,211	1,279	1,350	1,391	1,441	1,440
<b>CONSTANT (1947) DOLLARS</b>										
Gross national product.....	1,225	825	1,299	1,880	1,619	1,745	1,833	1,874	1,921	1,830
Disposable personal income <sup>1</sup> .....	927	679	981	1,282	1,203	1,280	1,290	1,306	1,339	1,320
Personal consumption expenditures...	880	689	927	1,038	1,155	1,205	1,189	1,205	1,232	1,220

<sup>1</sup> Figures obtained by dividing current-dollar disposable personal income by the implicit price deflator used for personal consumption expenditures.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, February 1955, and *National Income Supplement*, 1954.

## No. 339.—NATIONAL INCOME BY DISTRIBUTIVE SHARES: 1929 TO 1954

[In millions of dollars. For definition of national income, see text, p. 282. See also *Historical Statistics*, series A 117-133]

TYPE OF SHARE	1929	1933	1940	1945	1949	1950	1951	1952	1953	1954 (prel.)
National income.....	87,814	40,159	81,634	181,248	216,193	239,956	277,041	290,959	305,002	300,000
Compensation of employees.....	51,085	29,539	52,129	123,181	140,858	154,325	180,420	195,423	209,061	207,300
Wages and salaries.....	50,423	28,997	49,818	117,577	134,334	146,526	170,881	185,039	197,980	195,700
Private.....	45,485	23,855	41,395	82,664	113,873	124,297	142,050	152,222	164,503	161,900
Military.....	308	267	563	21,819	4,248	4,999	8,684	10,465	10,207	9,600
Government civilian <sup>1</sup> .....	4,630	4,875	7,860	13,094	16,213	17,230	20,147	22,352	23,270	24,100
Supplements to wages and salaries.....	662	542	2,311	5,604	6,524	7,799	9,539	10,384	11,081	11,700
Employer contributions for social insurance.....	101	133	1,624	3,805	3,503	3,976	4,753	4,874	4,745	5,000
Other labor income.....	561	409	687	1,799	3,021	3,823	4,786	5,510	6,336	6,600
Income of unincorporated enterprises and inventory valuation adjustment.....	14,759	5,599	13,010	30,835	34,149	36,140	40,809	39,918	38,444	37,800
Business and professional.....	8,791	3,166	8,442	19,011	21,431	22,855	24,791	25,727	26,215	25,900
Income of unincorporated enterprises.....	8,649	3,691	8,487	19,117	20,963	23,989	25,135	25,519	26,410	(2)
Inventory valuation adjustment.....	142	-525	-45	-106	468	-1,134	-344	208	-195	(2)
Farm <sup>3</sup> .....	5,963	2,433	2,568	11,824	12,718	13,285	16,018	14,191	12,229	11,900
Rental income of persons.....	5,425	1,971	2,885	5,634	7,874	8,473	9,129	10,021	10,596	10,900
Corporate profits and inventory valuation adjustment.....	10,100	-1,992	9,120	18,413	28,141	35,106	39,913	38,155	38,466	34,900
Corporate profits before tax.....	9,628	151	9,320	18,977	26,198	39,970	41,173	37,174	39,430	35,000
Corporate profits tax liability.....	1,369	521	2,834	10,689	10,411	17,829	22,476	19,965	21,144	17,200
Corporate profits after tax.....	8,259	-370	6,486	8,288	15,787	22,141	18,697	17,209	18,286	17,800
Dividends.....	5,813	2,056	4,043	4,691	7,458	9,207	9,090	9,128	9,365	9,900
Undistributed profits.....	2,446	-2,426	2,443	3,597	8,329	12,934	9,607	8,081	8,921	7,900
Inventory valuation adjustment.....	472	-2,143	-200	-564	1,943	-4,864	-1,260	981	-964	-200
Net interest.....	6,445	5,042	4,490	3,185	5,171	5,912	6,770	7,442	8,435	9,100

<sup>1</sup> Comprises pay of employees of government enterprises and of permanent U. S. residents employed in U. S. by foreign governments and international organizations.

<sup>2</sup> Not available.

<sup>3</sup> Inventory valuation adjustment data for farms are not available separately.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, February 1955, and *National Income Supplement*, 1954.

## No. 340.—PERSONAL INCOME AND DISPOSITION OF INCOME: 1929 TO 1954

[In millions of dollars. For definition of personal income, see text, p. 282. See also *Historical Statistics*, series A 134-144]

ITEM	1929	1933	1940	1945	1949	1950	1951	1952	1953	1954 (prel.)
Personal income.....	85,763	47,208	78,680	171,222	206,818	227,050	255,340	271,242	286,066	286,500
Wage and salary disbursements.....	50,423	28,997	49,818	117,563	134,379	146,526	170,776	185,068	198,056	195,700
Other labor income <sup>1</sup> .....	561	409	687	1,799	3,021	3,823	4,786	5,510	6,336	6,600
Proprietors' and rental income <sup>2</sup> .....	20,184	7,570	15,895	36,469	42,023	44,613	49,938	49,939	49,040	48,700
Dividends.....	5,813	2,056	4,043	4,691	7,458	9,207	9,090	9,128	9,365	9,900
Personal interest income.....	7,428	6,212	5,781	6,868	9,768	10,628	11,592	12,318	13,475	14,400
Transfer payments <sup>3</sup> .....	1,496	2,116	3,114	6,165	12,403	15,147	12,575	13,090	13,801	15,900
Less: Personal contributions for social insurance <sup>4</sup> .....	142	152	658	2,333	2,234	2,894	3,417	3,811	4,007	4,700
Less:										
Personal tax and nontax payments.....	2,643	1,464	2,604	20,867	18,661	20,920	29,271	34,373	35,967	32,900
Federal.....	1,263	474	1,364	19,379	16,194	18,179	26,278	31,143	32,484	29,200
State and local.....	1,380	990	1,240	1,488	2,467	2,741	2,993	3,230	3,483	3,700
Equals: Disposable personal income.....	83,120	45,744	76,076	150,355	188,157	206,130	226,069	236,869	250,099	253,500
Less: Personal consumption expenditures.....	78,952	46,392	71,881	121,699	180,598	194,026	208,342	218,424	230,080	234,000
Equals: Personal saving.....	4,168	-648	4,195	28,656	7,559	12,104	17,727	18,445	20,019	19,500

<sup>1</sup> Comprises compensation for injuries, employer contributions under private pension and related plans, and other payments.

<sup>2</sup> Comprises business and professional income, farm income, and rental income of unincorporated enterprise; also the noncorporate inventory valuation adjustment.

<sup>3</sup> Comprises government social insurance benefits, direct relief, mustering-out pay, veterans' readjustment allowances and other payments, as well as consumer bad debts and other business transfers.

<sup>4</sup> Data through 1951 represent employee contributions only; thereafter, personal contributions of self-employed persons are also included.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, February 1955, and *National Income Supplement*, 1954.



## No. 341.—PERSONAL CONSUMPTION EXPENDITURES, BY TYPE OF PRODUCT: 1929 TO 1954

[In millions of dollars. Represents market value of purchases of goods and services by individuals and nonprofit institutions, and value of food, clothing, housing, and financial services received by them as income in kind. Includes rental value of owner-occupied houses, but not purchases of dwellings, which are classified as capital goods]

TYPE OF PRODUCT	1929	1933	1940	1945	1950	1951	1952	1953	1954 (prcl.)	
									Amount	Per cent
<b>Total</b> .....	78,952	46,392	71,881	121,699	194,026	208,342	218,424	230,080	234,000	100
Durable commodities.....	9,212	3,469	7,771	8,105	28,608	27,148	26,815	29,749	28,900	12
Nondurable commodities.....	37,677	22,251	37,215	73,222	100,386	111,054	116,012	118,925	120,500	52
Services.....	32,063	20,672	26,895	40,372	65,032	70,140	75,597	81,406	84,600	36
Food and tobacco.....	21,230	12,757	22,223	44,573	63,250	71,236	75,065	77,154	(1)	(1)
Clothing, accessories, and jewelry.....	11,193	5,438	8,857	19,706	22,705	24,240	24,803	24,604	(1)	(1)
Personal care.....	1,116	660	1,036	1,982	2,355	2,488	2,573	2,641	(1)	(1)
Housing.....	11,446	7,880	9,327	12,407	21,356	23,367	25,631	27,710	(1)	(1)
Household operation.....	10,735	6,466	10,479	15,530	27,414	28,592	28,877	30,070	(1)	(1)
Medical care and death expenses.....	3,544	2,370	3,533	5,756	9,257	9,843	10,486	11,169	(1)	(1)
Personal business.....	5,086	2,912	3,646	4,431	8,181	8,726	9,403	10,620	(1)	(1)
Transportation.....	7,612	3,987	7,143	6,845	23,225	22,828	23,392	26,821	(1)	(1)
Recreation.....	4,331	2,202	3,761	6,139	10,768	10,961	11,368	11,892	(1)	(1)
Private education and research.....	664	481	641	974	1,959	2,139	2,319	2,476	(1)	(1)
Religious and welfare activities.....	1,196	872	1,012	1,735	2,463	2,607	2,855	2,964	(1)	(1)
Foreign travel and remittances, net..	799	367	223	1,621	1,093	1,315	1,652	1,959	(1)	(1)

<sup>1</sup> Not available.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, February 1955, and *National Income Supplement*, 1954.

## No. 342.—DISPOSABLE PERSONAL INCOME IN CURRENT AND 1954 PRICES, AND PERSONAL NET SAVING IN CURRENT PRICES: 1929 TO 1954

YEAR	DISPOSABLE PERSONAL INCOME				PERSONAL NET SAVING		Popula- tion <sup>2</sup> (1,000)
	Total (billions)		Per capita		Current prices (billions)	Percent of dis- posable personal income	
	Current prices	1954 prices <sup>1</sup>	Current prices	1954 prices <sup>1</sup>			
1929.....	\$83.1	\$130.3	\$682	\$1,069	\$4.2	5.0	121,881
1930.....	74.4	119.8	604	973	3.4	4.6	123,188
1931.....	63.8	112.8	514	908	2.5	3.9	124,149
1932.....	48.7	95.8	389	766	-0.6	-1.3	124,949
1933.....	45.7	95.0	364	757	-0.6	-1.4	125,690
1934.....	52.0	104.4	411	825	0.1	0.2	126,485
1935.....	58.3	114.1	458	896	2.0	3.5	127,362
1936.....	66.2	128.3	517	1,002	3.6	5.4	128,181
1937.....	71.0	133.0	551	1,032	3.7	5.3	128,961
1938.....	65.7	125.1	505	962	1.1	1.6	129,969
1939.....	70.4	136.3	538	1,041	2.9	4.1	131,028
1940.....	76.1	146.0	576	1,106	4.2	5.5	132,122
1941.....	93.0	170.0	697	1,274	11.1	11.9	133,402
1942.....	117.5	193.6	871	1,435	27.8	23.6	134,860
1943.....	133.5	207.4	977	1,517	33.0	24.7	136,739
1944.....	146.8	224.4	1,060	1,621	36.9	25.2	138,397
1945.....	150.4	224.7	1,075	1,607	28.7	19.1	139,928
1946.....	159.2	219.3	1,126	1,551	12.6	7.9	141,389
1947.....	169.0	203.4	1,173	1,412	4.0	2.4	144,126
1948.....	187.6	209.6	1,279	1,429	10.0	5.3	146,631
1949.....	188.2	212.4	1,261	1,423	7.6	4.0	149,188
1950.....	206.1	230.3	1,359	1,518	12.1	5.9	151,683
1951.....	226.1	234.0	1,465	1,517	17.7	7.8	154,360
1952.....	236.9	239.7	1,509	1,527	18.4	7.8	157,022
1953.....	250.1	251.1	1,567	1,573	20.0	8.0	159,629
1954 <sup>3</sup> .....	253.5	253.5	1,561	1,561	19.5	7.7	162,414

<sup>1</sup> Dollar estimates in current prices divided by consumer price index on a 1954 base.

<sup>2</sup> Continental U. S. including Armed Forces overseas, as of July 1. Furnished by Bureau of the Census.

<sup>3</sup> Preliminary; includes fourth quarter estimate by Council of Economic Advisers.

Source: Department of Commerce, Office of Business Economics and Department of Labor, Bureau of Labor Statistics (except as noted); published in *Economic Report of the President*, January 1955.

## No. 343.—NATIONAL INCOME BY INDUSTRIAL ORIGIN: 1929 to 1954

[In millions of dollars. National income (for definition, see text, p. 282) originating in each industry is the sum of factor costs incurred by the industry in production. Hence, it is net value added to production by industry measured at factor costs]

INDUSTRIAL DIVISION	1929	1933 <sup>1</sup>	1940	1945	1950	1951	1952	1953	1954 (prel.)
<b>All industries, total</b> .....	87,814	40,159	81,634	181,248	239,956	277,041	290,959	305,002	300,000
Agriculture, forestry, and fisheries, total.....	8,278	3,713	6,247	14,889	17,232	20,285	18,653	16,821	16,500
Farms.....	8,083	3,590	6,073	14,526	16,673	19,648	17,955	16,102	(1)
Mining.....	2,048	647	1,868	2,717	4,998	5,551	5,320	5,507	5,000
Metal.....	466	38	440	334	693	815	836	932	(1)
Anthracite.....	284	130	138	219	277	276	249	183	(1)
Bituminous and other soft coal.....	649	257	621	1,195	1,701	1,809	1,544	1,493	(1)
Crude petroleum and natural gas.....	447	181	518	741	1,816	2,062	2,081	2,250	(1)
Nonmetallic mining and quarrying.....	202	41	151	228	511	589	610	649	(1)
Contract construction.....	3,808	755	2,569	4,280	11,461	13,551	14,518	15,199	15,500
Manufacturing.....	21,888	7,562	22,336	52,008	74,235	87,734	89,831	97,323	90,700
Food and kindred products.....	2,135	1,331	2,462	5,010	6,753	6,999	7,629	8,057	(1)
Tobacco manufactures.....	256	142	260	236	512	525	572	615	(1)
Textile-mill products.....	1,796	699	1,509	3,015	4,551	5,176	4,541	4,366	(1)
Apparel and other finished fabric products.....	1,262	542	1,138	2,914	3,424	3,702	3,849	3,998	(1)
Lumber and furniture products <sup>2</sup> .....	1,528	305	1,154	2,133	4,187	4,631	4,368	4,353	(1)
Paper and allied products.....	562	290	665	1,341	2,685	3,355	3,144	3,338	(1)
Printing, publishing, and allied in- dustries.....	1,589	793	1,254	2,234	3,620	3,870	4,070	4,389	(1)
Chemicals and allied products <sup>2</sup> .....	1,129	621	1,488	3,221	5,103	6,146	6,109	6,481	(1)
Products of petroleum and coal <sup>2</sup> .....	917	76	639	1,244	2,889	3,620	3,217	3,426	(1)
Rubber products.....	355	102	321	928	1,045	1,626	1,738	1,730	(1)
Leather and leather products.....	602	271	461	925	1,132	1,346	1,363	1,385	(1)
Stone, clay, and glass products.....	799	208	760	1,146	2,631	3,004	2,827	3,037	(1)
Metals, metal products, and mis- cellaneous <sup>2</sup> .....	4,323	1,031	4,502	10,679	15,370	18,809	18,207	21,082	(1)
Machinery, except electrical <sup>2</sup> .....	1,890	424	2,179	5,084	7,247	9,796	10,585	10,598	(1)
Electrical machinery <sup>2</sup> .....	1,045	276	1,134	3,051	4,404	5,450	6,184	6,985	(1)
Transportation equipment, except automobiles.....	315	69	810	7,730	2,051	3,349	4,945	5,785	(1)
Automobiles and automobile equip- ment.....	1,385	382	1,600	1,117	6,631	6,330	6,483	7,698	(1)
Wholesale and retail trade.....	13,358	5,485	14,337	27,997	43,449	47,880	50,938	52,350	52,600
Wholesale trade.....	4,222	1,781	4,463	8,242	13,694	15,922	16,781	17,138	(1)
Retail trade and auto. services.....	9,136	3,704	9,874	19,755	29,755	31,958	34,157	35,212	(1)
Finance, insurance, and real estate, total.....	12,693	5,745	8,208	12,830	20,671	22,407	24,434	26,384	27,600
Banking.....	1,957	495	981	1,829	2,893	3,310	3,711	4,123	(1)
Insurance carriers.....	888	571	893	1,077	2,250	2,199	2,370	2,639	(1)
Insurance agents and combination offices.....	421	289	405	568	1,057	1,147	1,226	1,329	(1)
Real estate.....	8,572	4,130	5,598	8,769	13,315	14,416	15,754	16,836	(1)
Transportation, total.....	6,636	3,036	5,040	10,536	13,266	14,884	15,618	16,008	14,900
Railroads.....	4,597	1,866	2,944	6,009	7,109	7,792	7,980	7,789	(1)
Local and highway passenger trans- portation.....	825	450	526	1,306	1,336	1,432	1,460	1,510	(1)
Highway freight, etc.....	560	416	815	1,390	2,780	3,128	3,456	3,851	(1)
Water transportation.....	266	153	336	989	746	966	998	1,052	(1)
Communications and public utilities, total.....	2,864	2,000	3,056	4,244	7,172	8,256	9,206	10,195	11,000
Telephone, telegraph, etc.....	1,125	691	1,025	1,751	2,958	3,333	3,696	4,118	(1)
Utilities: electric and gas.....	1,631	1,237	1,872	2,218	3,779	4,399	4,923	5,430	(1)
Services, total.....	10,338	5,567	8,854	14,614	22,757	24,754	26,638	28,847	29,500
Hotels and other lodging places.....	599	271	530	1,085	1,309	1,380	1,491	1,561	(1)
Personal services.....	1,279	695	1,150	2,121	2,861	3,012	3,138	3,291	(1)
Private households.....	3,253	1,199	2,056	2,635	4,539	4,941	5,217	5,981	(1)
Medical and other health services.....	1,536	948	1,463	2,459	4,496	4,935	5,387	5,802	(1)
Legal services.....	689	561	719	930	1,317	1,373	1,417	1,499	(1)
Government and government enter- prises.....	5,093	5,326	8,762	36,764	23,449	30,192	34,340	34,868	35,000
Federal—general government.....	879	1,164	3,489	29,786	10,649	16,164	18,708	18,132	(1)
Federal—government enterprises.....	581	485	746	1,248	1,897	2,081	2,357	2,331	(1)
State and local—general government.....	3,456	3,531	4,289	5,370	10,124	11,069	12,265	13,305	(1)
State and local—govt. enterprises.....	177	146	238	360	779	878	1,010	1,100	(1)
Rest of the world.....	810	323	357	369	1,266	1,547	1,463	1,500	1,600

<sup>1</sup> Not available.

<sup>2</sup> Data for 1929–1945 not comparable with those shown for later years.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, February 1955, and *National Income Supplement*, 1954.



## No. 344.—INCOME PAYMENTS TO INDIVIDUALS, BY REGIONS AND STATES: 1929 TO 1953

"Income payments to individuals" is a measure of income received from all sources during the calendar year by the residents of each State. For six States and the District of Columbia, however, totals shown below are not strictly measures of income received by residents. Totals for District of Columbia, New York, and Maine are too high—and those for Maryland, Virginia, New Jersey, and New Hampshire too low—in terms of measures of total income received by residents. Estimates shown here for D. C. include income paid out to residents of Maryland and Virginia employed in D. C., but exclude income of D. C. residents employed in these 2 States. Estimates for New York include income paid to residents of New Jersey employed in New York, but do not include income of New York residents employed in New Jersey. Similarly, estimates for Maine include income paid to residents of New Hampshire employed in Maine. In computation of per capita income for these 7 States, income totals shown here were first adjusted to a residence basis before division by population. Following are amounts (in millions) of adjustments for 1953: District of Columbia, -733; Maryland, +317; Virginia, +416; New York, -618; New Jersey, +618; Maine, -36; New Hampshire, +36. For definition of income payments to individuals, see text, p. 282]

REGION AND STATE	AMOUNT (millions of dollars)							PER CAPITA (dollars)						
	1929	1940	1945	1950	1951	1952	1953	1929	1940	1945	1950	1951	1952	1953
<b>United States</b> .....	82,617	75,852	157,190	217,828	242,529	256,091	270,577	680	575	1,191	1,440	1,581	1,644	1,709
<b>New England</b> .....	6,792	6,124	10,828	14,537	15,983	16,707	17,686	838	725	1,399	1,558	1,694	1,763	1,824
Connecticut.....	1,459	1,417	2,604	3,598	4,092	4,393	4,744	918	830	1,476	1,782	2,005	2,071	2,194
Maine.....	449	431	867	1,067	1,169	1,250	1,287	566	498	1,040	1,151	1,257	1,358	1,369
Massachusetts.....	3,787	3,309	5,606	7,535	8,173	8,421	8,880	897	766	1,334	1,603	1,703	1,772	1,812
New Hampshire.....	302	269	467	682	752	781	818	652	563	1,093	1,308	1,475	1,555	1,620
Rhode Island.....	579	511	952	1,217	1,316	1,362	1,429	851	711	1,301	1,542	1,672	1,661	1,749
Vermont.....	216	187	332	438	481	500	528	601	515	1,054	1,159	1,286	1,362	1,401
<b>Middle East</b> .....	27,840	24,319	43,965	60,598	66,043	69,190	73,230	926	752	1,424	1,689	1,829	1,892	1,984
Delaware.....	218	239	399	628	719	768	825	919	888	1,395	1,956	2,192	2,207	2,304
Dist. of Col.....	638	905	1,617	2,093	2,305	2,416	2,507	1,191	1,074	1,384	1,991	2,136	2,135	2,109
Maryland.....	1,106	1,222	2,539	3,420	3,867	4,144	4,402	703	708	1,277	1,559	1,722	1,754	1,857
New Jersey.....	3,268	3,138	5,797	7,777	8,795	9,457	10,153	947	801	1,454	1,710	1,890	1,975	2,095
New York.....	14,479	11,830	20,647	28,381	30,475	31,681	33,489	1,125	864	1,644	1,875	2,003	2,062	2,158
Pennsylvania.....	7,338	6,225	11,469	16,184	17,542	18,310	19,419	767	629	1,252	1,537	1,663	1,734	1,822
West Virginia.....	793	760	1,497	2,115	2,340	2,414	2,435	464	399	877	1,053	1,185	1,233	1,257
<b>Southeast</b> .....	8,681	9,043	22,662	30,321	34,272	36,267	38,118	344	322	801	959	1,071	1,127	1,159
Alabama.....	802	763	2,056	2,581	2,924	3,087	3,248	305	268	742	844	942	999	1,043
Arkansas.....	562	493	1,248	1,578	1,753	1,785	1,793	305	252	710	823	924	967	939
Florida.....	695	900	2,521	3,387	3,789	4,137	4,586	454	470	1,033	1,211	1,298	1,335	1,368
Georgia.....	956	986	2,484	3,336	3,842	3,997	4,245	329	316	805	969	1,101	1,139	1,184
Kentucky.....	964	880	1,967	2,688	3,111	3,316	3,460	371	308	755	909	1,074	1,125	1,167
Louisiana.....	862	847	2,018	2,848	3,138	3,397	3,602	415	357	838	1,052	1,131	1,230	1,249
Mississippi.....	544	444	1,224	1,527	1,688	1,781	1,821	273	204	589	702	775	826	834
North Carolina.....	966	1,131	2,651	3,859	4,290	4,404	4,599	309	316	754	947	1,043	1,058	1,097
South Carolina.....	438	545	1,319	1,763	2,128	2,365	2,403	252	287	692	833	983	1,088	1,095
Tennessee.....	905	927	2,495	3,203	3,536	3,658	3,948	349	316	868	969	1,069	1,127	1,186
Virginia.....	987	1,127	2,679	3,551	4,073	4,340	4,413	422	445	935	1,144	1,273	1,338	1,361
<b>Southwest</b> .....	4,153	3,908	9,575	13,965	15,942	17,079	17,656	464	400	961	1,223	1,347	1,422	1,443
Arizona.....	245	237	604	931	1,145	1,308	1,370	573	475	1,022	1,235	1,438	1,503	1,473
New Mexico.....	161	190	456	775	916	975	1,021	383	358	860	1,133	1,288	1,327	1,347
Oklahoma.....	1,079	829	1,839	2,406	2,692	2,880	2,986	455	357	908	1,076	1,196	1,293	1,327
Texas.....	2,668	2,652	6,676	9,853	11,189	11,916	12,279	465	413	979	1,272	1,386	1,457	1,480
<b>Central</b> .....	24,226	21,664	43,455	62,294	69,759	73,291	78,416	720	604	1,251	1,551	1,718	1,782	1,884
Illinois.....	7,036	5,740	10,849	15,400	16,978	17,771	18,800	932	726	1,425	1,790	1,929	1,988	2,088
Indiana.....	1,877	1,858	4,113	5,780	6,664	6,986	7,584	583	541	1,202	1,458	1,637	1,668	1,834
Iowa.....	1,348	1,233	2,451	3,725	3,979	4,094	3,954	546	486	1,065	1,413	1,516	1,573	1,518
Michigan.....	3,543	3,425	6,902	10,242	11,438	12,206	13,723	745	644	1,262	1,594	1,748	1,830	2,003
Minnesota.....	1,443	1,424	2,699	3,995	4,411	4,524	4,724	566	510	1,065	1,333	1,469	1,502	1,547
Missouri.....	2,210	1,914	3,831	5,570	6,140	6,406	6,768	612	506	1,091	1,406	1,533	1,610	1,652
Ohio.....	4,920	4,448	9,122	12,620	14,511	15,443	16,840	748	642	1,319	1,581	1,796	1,872	2,012
Wisconsin.....	1,849	1,622	3,488	4,962	5,638	5,861	6,023	634	516	1,178	1,440	1,627	1,676	1,712
<b>Northwest</b> .....	3,927	3,363	7,842	10,993	12,151	12,684	12,742	534	455	1,126	1,370	1,498	1,541	1,535
Colorado.....	633	589	1,274	1,840	2,139	2,315	2,367	616	521	1,145	1,380	1,558	1,630	1,675
Idaho.....	230	232	540	742	808	874	851	518	444	1,102	1,260	1,374	1,484	1,411
Kansas.....	997	757	1,929	2,577	2,833	3,211	3,110	532	423	1,122	1,340	1,452	1,629	1,550
Montana.....	325	521	579	928	1,022	1,009	1,037	602	575	1,214	1,568	1,738	1,690	1,689
Nebraska.....	764	369	1,370	1,964	2,030	2,132	2,065	557	432	1,132	1,478	1,508	1,584	1,533
North Dakota.....	264	237	579	788	826	750	804	389	370	1,064	1,269	1,365	1,444	1,295
South Dakota.....	288	242	624	835	964	811	895	417	378	1,089	1,275	1,472	1,229	1,362
Utah.....	272	265	658	880	1,019	1,075	1,108	537	480	1,104	1,274	1,439	1,459	1,510
Wyoming.....	154	151	289	439	510	507	505	687	604	1,204	1,509	1,729	1,657	1,650
<b>Far West</b> .....	6,998	7,431	18,863	25,120	28,379	30,873	32,729	865	751	1,471	1,711	1,870	1,928	1,986
California.....	5,217	5,606	13,882	18,621	21,214	23,257	24,856	946	807	1,507	1,755	1,922	1,978	2,039
Nevada.....	74	92	215	303	353	412	448	817	814	1,473	1,894	2,114	2,227	2,175
Oregon.....	603	633	1,671	2,321	2,595	2,746	2,762	640	583	1,327	1,515	1,671	1,712	1,724
Washington.....	1,104	1,100	3,095	3,875	4,217	4,458	4,663	713	632	1,405	1,630	1,742	1,810	1,882

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, August 1954.

**No. 345.—INCOME PAYMENTS TO INDIVIDUALS, BY TYPE OF PAYMENT, AND PERCENT DISTRIBUTION OF TOTAL INCOME, BY MAJOR SOURCES, BY REGIONS AND STATES: 1953**

[See headnote, table 344]

REGION AND STATE	INCOME PAYMENTS (millions of dollars)					MAJOR SOURCES AS PERCENT OF TOTAL INCOME					
	Total	Wages and salaries	Proprietors' income	Property income	Other income	Agricultural income <sup>1</sup>	Government income payments <sup>2</sup>	Manufacturing pay-rolls	Trade and service income <sup>3</sup>	Construction pay-rolls	Mining pay-rolls
<b>United States</b> .....	270,577	188,383	38,086	28,360	15,748	5.3	15.9	25.7	26.0	4.0	1.4
<b>New England</b> .....	17,686	12,757	1,493	2,304	1,132	1.3	15.1	33.4	24.1	3.3	0.1
Connecticut.....	4,744	3,484	387	674	199	1.1	9.8	40.5	21.9	3.7	0.1
Maine.....	1,287	875	148	165	99	3.0	19.4	27.4	24.2	3.1	0.1
Massachusetts.....	8,880	6,446	676	1,125	633	0.8	16.8	30.8	25.1	3.2	0.1
New Hampshire.....	818	557	90	114	57	2.3	14.9	31.9	25.3	2.4	0.1
Rhode Island.....	1,429	1,040	119	162	108	0.6	17.7	34.9	23.8	3.4	0.1
Vermont.....	528	355	73	64	36	7.0	15.0	26.6	25.5	1.7	0.7
<b>Middle East</b> .....	73,230	53,001	7,567	8,600	4,062	1.2	15.1	27.7	27.3	3.6	1.5
Delaware.....	825	571	86	135	33	3.9	10.6	35.1	19.4	4.9	-----
Dist. of Columbia.....	2,507	1,988	139	254	126	-----	48.3	3.1	27.2	3.1	-----
Maryland.....	4,402	3,129	581	483	209	2.5	19.4	23.4	26.4	5.1	0.3
New Jersey.....	10,153	7,574	1,047	1,002	530	1.4	13.7	35.3	24.5	3.9	0.2
New York.....	33,489	23,776	3,302	4,544	1,867	0.8	13.8	24.9	30.7	3.1	0.3
Pennsylvania.....	19,419	14,212	2,110	1,998	1,099	1.4	13.0	33.0	24.1	4.0	2.9
West Virginia.....	2,435	1,751	302	184	198	2.9	14.4	22.2	22.1	3.4	17.1
<b>Southeast</b> .....	38,118	24,985	7,129	3,188	2,816	10.1	20.5	18.6	25.6	4.8	1.5
Alabama.....	3,248	2,112	630	225	281	9.4	22.7	21.5	25.5	2.8	2.0
Arkansas.....	1,793	975	524	120	174	19.5	19.6	12.7	25.8	3.8	1.6
Florida.....	4,586	2,901	780	576	329	6.8	20.7	8.1	32.4	5.7	0.6
Georgia.....	4,245	2,862	734	357	292	9.3	20.4	20.5	26.9	3.3	0.4
Kentucky.....	3,460	2,241	691	254	274	10.4	19.6	16.3	24.3	7.3	5.2
Louisiana.....	3,602	2,405	555	318	324	7.9	19.7	15.4	25.0	5.8	4.1
Mississippi.....	1,821	918	591	136	176	22.7	21.2	13.4	24.0	2.9	0.6
North Carolina.....	4,599	3,053	901	362	283	12.8	17.6	26.1	23.5	3.1	0.3
South Carolina.....	2,403	1,694	386	161	162	10.5	19.8	25.5	21.3	8.8	0.2
Tennessee.....	3,948	2,630	726	310	282	8.5	17.6	23.6	25.1	5.1	0.8
Virginia.....	4,413	3,194	611	369	239	5.7	26.0	18.1	24.9	4.4	1.4
<b>Southwest</b> .....	17,656	11,641	3,196	1,685	1,134	8.7	19.0	12.5	26.5	4.4	5.3
Arizona.....	1,370	879	275	130	86	15.6	19.4	7.6	25.6	6.2	4.5
New Mexico.....	1,021	668	187	100	66	8.4	25.1	6.5	29.4	5.7	6.3
Oklahoma.....	2,986	1,861	549	300	276	8.2	22.8	11.0	25.7	3.4	6.3
Texas.....	12,279	8,233	2,185	1,155	706	8.0	17.6	13.9	27.0	4.3	5.0
<b>Central</b> .....	78,416	55,740	11,023	7,767	3,886	5.7	12.2	33.4	24.2	3.8	0.7
Illinois.....	18,800	13,498	2,312	2,169	821	4.0	11.7	30.7	25.9	4.0	0.9
Indiana.....	7,584	5,341	1,268	601	374	7.2	12.2	37.5	22.3	3.5	0.6
Iowa.....	3,954	2,099	1,191	441	223	21.9	14.6	17.1	23.8	2.4	0.3
Michigan.....	13,723	10,635	1,311	1,184	593	2.2	11.1	44.1	22.1	3.7	0.6
Minnesota.....	4,724	2,986	973	480	285	11.5	14.6	18.8	26.0	4.2	2.1
Missouri.....	6,768	4,538	1,128	640	462	7.8	14.5	23.5	27.9	3.2	0.6
Ohio.....	16,840	12,536	1,873	1,611	820	3.0	11.8	37.9	23.1	4.2	0.6
Wisconsin.....	6,023	4,107	967	641	308	7.3	12.1	33.0	23.9	3.8	0.3
<b>Northwest</b> .....	12,742	7,708	3,006	1,270	758	14.6	18.5	11.5	26.2	4.0	2.7
Colorado.....	2,367	1,517	395	280	175	7.6	21.7	11.5	28.1	4.6	2.1
Idaho.....	851	514	204	78	55	17.9	17.1	11.2	25.1	4.7	2.3
Kansas.....	3,110	2,020	600	315	175	8.5	17.3	18.6	25.0	4.0	2.2
Montana.....	1,037	587	295	92	63	21.3	16.6	7.4	24.7	4.0	5.6
Nebraska.....	2,065	1,147	583	232	103	19.4	16.2	11.0	26.9	3.2	0.2
North Dakota.....	804	395	299	64	46	28.9	16.4	2.3	29.1	3.6	1.3
South Dakota.....	895	403	373	70	49	32.5	18.3	4.5	25.4	3.1	1.0
Utah.....	1,108	784	164	92	68	5.2	23.6	11.3	25.3	4.2	7.3
Wyoming.....	505	341	93	47	24	12.4	19.1	6.3	25.6	5.1	8.8
<b>Far West</b> .....	32,729	22,551	4,672	3,546	1,960	4.9	18.8	19.4	28.2	5.0	0.8
California.....	24,856	17,177	3,447	2,785	1,447	4.6	18.6	19.5	28.5	5.0	0.8
Nevada.....	448	301	70	56	21	3.7	17.8	4.3	33.6	9.4	4.5
Oregon.....	2,762	1,857	450	269	186	6.5	15.9	22.1	28.0	3.9	0.2
Washington.....	4,663	3,216	705	436	306	5.6	21.5	19.1	26.5	5.0	0.3

<sup>1</sup> Comprises net income of farm proprietors (including value of change in inventories of crops and livestock), farm wages, and net rents to landlords living on farms.

<sup>2</sup> Comprises pay of State and local and of Federal civilian employees, net pay of Armed Forces, allotments of military pay to individuals, mustering-out payments to discharged servicemen, veterans' benefit payments, interest payments to individuals, public assistance and other direct relief, and benefit payments from social insurance funds.

<sup>3</sup> Comprises wages and salaries and proprietors' income.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, August 1954.



**No. 346.—INCOME PAYMENTS TO INDIVIDUALS—PERCENT DISTRIBUTION OF TOTAL INCOME PAYMENTS, AND RATIO OF PER CAPITA INCOME PAYMENTS TO NATIONAL PER CAPITA INCOME, BY REGIONS AND STATES: 1929 TO 1953**

[Minus sign (—) denotes decrease. Base data shown in table 344; see headnote, table 344]

REGION AND STATE	TOTAL INCOME PAYMENTS							PER CAPITA INCOME PAYMENTS						
	Percent distribution					Percent increase		Ratio to national per capita income (percent)					Percent increase	
	1929	1940	1950	1952	1953	1929 to 1953	1952 to 1953	1929	1940	1950	1952	1953	1929 to 1953	1952 to 1953
<b>United States</b> .....	100.00	100.00	100.00	100.00	100.00	228	6	100	100	100	100	100	151	4
<b>New England</b> .....	8.22	8.07	6.67	6.52	6.54	160	6	123	126	108	107	107	118	3
Connecticut.....	1.77	1.87	1.65	1.71	1.75	225	8	135	144	124	126	128	139	6
Maine.....	0.54	0.57	0.49	0.49	0.48	187	3	83	87	80	83	80	142	1
Massachusetts.....	4.58	4.36	3.46	3.29	3.28	134	5	132	133	111	108	106	102	2
N. Hampshire.....	0.37	0.35	0.31	0.30	0.30	171	5	96	98	91	95	95	148	4
Rhode Island.....	0.70	0.67	0.56	0.53	0.53	147	5	125	124	107	101	102	106	5
Vermont.....	0.26	0.25	0.20	0.20	0.20	144	6	88	90	80	83	82	133	3
<b>Middle East</b> .....	33.70	32.06	27.82	27.02	27.06	163	6	136	131	117	115	116	114	5
Delaware.....	0.26	0.31	0.29	0.30	0.30	278	7	135	154	136	134	135	151	4
Dist. of Col.....	0.77	1.19	0.96	0.94	0.93	293	4	175	187	138	130	123	77	—1
Maryland.....	1.34	1.61	1.57	1.62	1.63	298	6	103	123	108	107	109	164	6
New Jersey.....	3.96	4.14	3.57	3.69	3.75	211	7	139	139	119	120	123	121	6
New York.....	17.53	15.60	13.03	12.38	12.37	131	6	165	150	130	125	126	92	5
Pennsylvania.....	8.88	8.21	7.43	7.15	7.18	165	6	113	109	107	105	107	138	5
W. Virginia.....	0.96	1.00	0.97	0.94	0.90	207	1	68	69	73	75	74	171	2
<b>Southeast</b> .....	10.51	11.93	13.92	14.16	14.09	339	5	51	56	67	69	68	237	3
Alabama.....	0.97	1.01	1.18	1.20	1.20	305	5	45	47	59	61	61	242	4
Arkansas.....	0.68	0.65	0.72	0.70	0.66	219	0	45	44	57	59	55	208	—3
Florida.....	0.84	1.19	1.55	1.62	1.70	560	11	71	82	84	81	80	183	2
Georgia.....	1.16	1.30	1.53	1.56	1.57	344	6	48	55	67	69	69	260	4
Kentucky.....	1.17	1.16	1.23	1.29	1.28	259	4	55	54	63	68	68	215	4
Louisiana.....	1.04	1.12	1.31	1.33	1.33	318	6	61	62	73	75	73	201	2
Mississippi.....	0.66	0.58	0.70	0.70	0.67	235	2	40	35	49	50	49	205	1
N. Carolina.....	1.17	1.49	1.78	1.72	1.70	376	4	45	55	66	64	64	255	4
S. Carolina.....	0.53	0.72	0.81	0.92	0.89	449	2	37	50	58	66	64	335	1
Tennessee.....	1.10	1.22	1.47	1.43	1.46	336	8	51	55	67	69	69	240	5
Virginia.....	1.19	1.49	1.64	1.69	1.63	347	2	62	77	79	81	80	223	2
<b>Southwest</b> .....	5.03	5.15	6.41	6.67	6.52	325	3	68	70	85	86	84	211	1
Arizona.....	0.30	0.31	0.43	0.51	0.51	459	5	84	83	86	91	86	157	—2
New Mexico.....	0.19	0.25	0.36	0.38	0.38	534	5	56	62	79	81	79	252	2
Oklahoma.....	1.31	1.09	1.10	1.13	1.10	177	4	67	62	75	79	78	192	3
Texas.....	3.23	3.50	4.52	4.65	4.53	360	3	68	72	88	89	87	218	2
<b>Central</b> .....	29.32	28.56	28.60	28.62	28.98	224	7	106	105	108	108	110	162	6
Illinois.....	8.52	7.57	7.08	6.93	6.95	167	6	137	126	122	121	122	124	5
Indiana.....	2.27	2.45	2.65	2.73	2.80	304	9	86	94	101	101	107	215	10
Iowa.....	1.63	1.63	1.71	1.60	1.46	193	—3	80	85	98	96	89	178	—3
Michigan.....	4.29	4.51	4.70	4.77	5.07	287	12	110	112	111	111	117	169	9
Minnesota.....	1.75	1.88	1.83	1.77	1.75	227	4	83	89	93	91	91	173	3
Missouri.....	2.67	2.52	2.56	2.50	2.50	206	6	90	88	98	98	97	170	3
Ohio.....	5.95	5.86	5.79	6.03	6.22	242	9	110	112	110	114	118	169	7
Wisconsin.....	2.24	2.14	2.28	2.29	2.23	226	3	93	90	100	102	100	170	2
<b>Northwest</b> .....	4.75	4.44	5.05	4.95	4.71	224	0	79	79	95	94	90	187	0
Colorado.....	0.77	0.78	0.84	0.90	0.88	274	2	91	91	96	99	98	172	3
Idaho.....	0.28	0.31	0.34	0.34	0.31	270	—3	76	77	88	90	83	172	—5
Kansas.....	1.20	1.00	1.19	1.26	1.15	212	—3	78	74	93	99	91	191	—5
Montana.....	0.39	0.42	0.43	0.39	0.38	219	3	89	100	109	103	99	181	0
Nebraska.....	0.92	0.75	0.91	0.83	0.76	170	—3	82	75	103	96	90	175	—3
North Dakota.....	0.32	0.31	0.36	0.29	0.30	205	7	57	64	88	76	76	233	4
South Dakota.....	0.35	0.32	0.38	0.32	0.33	211	10	61	66	89	75	80	227	11
Utah.....	0.33	0.35	0.40	0.42	0.41	307	3	79	83	88	89	88	181	3
Wyoming.....	0.19	0.20	0.20	0.20	0.19	228	0	101	105	105	101	97	140	0
<b>Far West</b> .....	8.47	9.79	11.53	12.06	12.10	368	6	127	131	119	117	116	130	3
California.....	6.31	7.39	8.54	9.09	9.19	376	7	139	140	122	120	119	116	3
Nevada.....	0.09	0.12	0.14	0.16	0.17	505	9	120	142	132	135	127	166	—2
Oregon.....	0.73	0.83	1.07	1.07	1.02	358	1	94	101	105	104	101	169	1
Washington.....	1.34	1.45	1.78	1.74	1.72	322	5	105	110	113	110	110	164	4

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, August 1954.

# No. 347.—PERCENT OF MONEY INCOME RECEIVED BY EACH FIFTH OF THE NATION'S FAMILIES AND SINGLE PERSONS

[Data for "families and single persons" not on comparable basis with data for "spending units" in table 353]

FAMILIES AND SINGLE PERSONS RANKED FROM LOWEST TO HIGHEST INCOME	PERCENTAGE OF MONEY INCOME				AVERAGE MONEY IN- COME IN DOLLARS OF 1948 PURCHASING POWER <sup>1</sup>			PERCENT INCREASE IN AVERAGE IN- COME	
	1935-36	1941	1944	1948	1935-36	1941	1948	1935-36 to 1948	1941 to 1948
All groups-----	100.0	100.0	100.0	100.0	\$2,664	\$3,396	\$4,231	59	25
Lowest fifth-----	4.0	3.5	3.6	4.2	534	592	893	67	51
Second fifth-----	8.7	9.1	10.1	10.5	1,159	1,546	2,232	93	44
Third fifth-----	13.6	15.3	16.3	16.1	1,810	2,597	3,410	88	31
Fourth fifth-----	20.5	22.5	23.0	22.3	2,734	3,816	4,711	72	23
Highest fifth-----	53.2	49.6	47.0	46.9	7,083	8,418	9,911	40	18

<sup>1</sup> Current dollars divided by consumers' price index on base 1948=100 to give a rough measure of changes in purchasing power of income.

Sources: 1935-36, National Resources Planning Board; 1941, Department of Labor; 1944, National Bureau of Economic Research; and 1948, Executive Office of the President, Council of Economic Advisers. Published in *Economic Report of the President*, January 1950 and July 1951.

# No. 348.—INCOME SHARES OF UPPER AND LOWER GROUPS OF TOTAL POPULATION: 1919 TO 1948

Data are based on comparisons between Federal tax data and countrywide totals of income receipts by individuals. Individuals' incomes underlying the basic and economic income variants are defined as receipts for the participation of individuals or of their property in the production process; include employee compensation and other payments to labor, entrepreneurial income, rent, interest, dividends; exclude capital gains and other transfers and do not allow deductions except of business expenses. The basic variant is a first approximation to shares in income thus defined. The economic income variant represents an adjustment of the basic variant to take account of some items omitted from the tax data (compensation of nonfederal government employees and imputed rent on owner-occupied houses), to allow for a finer division of tax returns by distinguishing between head of family and nonhead returns, and to allow for the effect of classifying returns by net income, as defined for tax purposes, instead of by economic income. The disposable income variant measures shares in individuals' incomes after deducting Federal income taxes and including gains and losses from sales of assets. See also *Historical Statistics*, series A 195-197]

YEAR	PERCENTAGE OF INDIVIDUALS' INCOMES RECEIVED BY—								
	Top 1 percent	2d to 5th percent-age band	Lower 95 percent	Top 1 percent			Top 5 percent		
				Basic variant	Economic income variant	Dispos-able income variant	Basic variant	Economic income variant	Dispos-able income variant
1919-----	12.8	10.1	77.1	12.8	14.0	12.2	22.9	26.1	24.3
1920-----	12.3	9.7	77.9	12.3	13.6	11.8	22.1	25.8	24.0
1921-----	13.5	12.0	74.5	13.5	16.2	14.2	25.5	31.7	29.3
1922-----	13.4	11.4	75.2	13.4	15.6	14.4	24.8	30.4	29.0
1923-----	12.3	10.6	77.1	12.3	14.0	13.1	22.9	28.1	27.0
1924-----	12.9	11.4	75.7	12.9	14.7	14.3	24.3	29.1	28.7
1925-----	13.7	11.5	74.8	13.7	15.7	16.5	25.2	30.2	31.1
1926-----	13.9	11.3	74.8	13.9	15.8	16.3	25.2	30.2	30.8
1927-----	14.4	11.6	74.0	14.4	16.5	17.2	26.0	31.2	31.9
1928-----	14.9	11.8	73.2	14.9	17.2	19.1	26.8	32.1	34.1
1929-----	14.5	11.6	73.9	14.5	17.2	18.9	26.1	31.9	33.5
1930-----	13.8	11.8	74.3	13.8	15.6	15.1	25.7	30.7	30.3
1931-----	13.3	12.9	73.8	13.3	15.6	14.6	26.2	32.0	31.2
1932-----	12.9	13.1	74.0	12.9	15.3	12.3	26.0	32.1	29.6
1933-----	12.1	12.5	75.4	12.1	14.4	12.6	24.6	30.8	29.3
1934-----	12.0	11.9	76.0	12.0	13.6	12.4	24.0	29.1	27.8
1935-----	12.1	11.7	76.2	12.1	13.6	12.8	23.8	28.8	27.9
1936-----	13.4	11.4	75.2	13.4	14.7	13.7	24.8	29.3	28.3
1937-----	13.0	11.1	75.9	13.0	14.1	13.0	24.1	28.5	27.4
1938-----	11.5	11.4	77.0	11.5	12.8	12.1	23.0	27.8	27.0
1939-----	11.9	11.8	76.3	11.9	13.3	12.3	23.7	28.1	27.1
1940-----	12.0	11.0	77.0	12.0	13.0	11.5	23.0	27.1	25.7
1941-----	11.5	10.6	77.8	11.5	12.5	10.0	22.2	26.0	23.2
1942-----	10.2	9.0	80.8	10.2	10.8	7.9	19.2	22.7	19.2
1943-----	9.5	8.5	82.0	9.5	10.1	6.5	18.0	21.1	16.8
1944-----	8.7	8.1	83.2	8.7	9.1	6.7	16.8	18.9	15.9
1945-----	8.9	8.7	82.4	8.9	9.5	7.4	17.6	19.5	16.8
1946-----	9.1	9.3	81.6	9.1	9.7	7.8	18.4	20.2	17.9
1947-----	8.6	9.0	82.4	8.6	(1)	(1)	17.6	(1)	(1)
1948-----	8.5	9.4	82.2	8.5	(1)	(1)	17.8	(1)	(1)

<sup>1</sup> Not available.

Source: National Bureau of Economic Research; Occasional Paper 35, *Shares of Upper Income Groups in Income and Savings*, 1950, and records.



**No. 349.—NUMBER OF FAMILIES AND UNRELATED INDIVIDUALS BY INCOME LEVEL  
IN 1949, AND MEDIAN INCOME, BY STATES: 1950**

[Based on 20-percent sample. "Family" refers to a group of 2 or more related persons residing in same household. "Unrelated individual" refers to a person living alone or with persons not related to him. See source for explanation of sampling variability. Medians computed from \$500 intervals]

DIVISION AND STATE	Total <sup>1</sup>	Less than \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$5,999	\$6,000 to \$9,999	\$10,000 and over	MEDIAN INCOME <sup>2</sup>	
									Total	Urban and rural non-farm
<b>U. S.</b> .....	49,362,030	10,379,755	7,485,600	8,468,880	7,836,390	7,640,525	3,467,625	1,210,315	\$2,619	\$2,782
<b>N. E.</b> .....	3,051,810	549,290	409,710	583,290	525,185	498,370	209,730	76,040	2,801	2,835
Maine.....	290,770	69,350	55,040	63,065	42,315	32,590	11,180	4,090	2,213	2,277
N. H.....	178,610	39,620	28,400	37,555	27,680	23,520	8,305	2,505	2,405	2,451
Vt.....	123,655	32,825	23,495	25,640	16,845	13,355	4,440	1,630	2,101	2,229
Mass.....	1,545,190	262,785	194,670	289,900	278,595	262,225	112,765	39,995	2,909	2,917
R. I.....	261,990	48,600	39,305	51,150	41,985	41,260	15,455	5,060	2,650	2,659
Conn.....	651,595	96,110	68,800	115,980	117,765	125,420	57,585	22,760	3,155	3,167
<b>M. A.</b> .....	9,967,815	1,643,460	1,190,330	1,786,715	1,743,340	1,773,295	867,085	317,575	3,020	3,052
N. Y.....	5,099,035	837,930	604,560	870,080	863,975	913,685	457,850	188,650	3,055	3,085
N. J.....	1,570,085	219,610	162,305	255,505	286,285	317,355	166,310	57,795	3,285	3,302
Pa.....	3,298,695	585,920	423,465	661,130	593,080	542,255	242,925	71,130	2,834	2,874
<b>E. N. C.</b> .....	10,054,195	1,705,265	1,195,345	1,702,620	1,866,275	1,871,975	864,030	271,375	3,063	3,146
Ohio.....	2,602,070	438,150	310,875	458,995	488,830	472,860	208,295	64,465	3,024	3,091
Ind.....	1,298,600	246,070	172,250	236,485	232,465	225,985	88,665	25,730	2,827	2,914
Ill.....	2,997,610	481,295	339,900	482,525	523,680	577,050	293,895	102,620	3,163	3,214
Mich.....	2,053,535	334,015	217,035	326,035	415,325	403,245	193,660	54,155	3,195	3,278
Wis.....	1,102,380	205,735	155,285	198,580	205,975	192,835	79,515	24,405	2,860	3,058
<b>W. N. C.</b> .....	4,729,975	1,050,275	785,370	862,710	734,620	667,275	273,540	100,995	2,432	2,577
Minn.....	983,560	193,405	150,625	181,880	169,975	157,525	64,830	22,015	2,683	2,858
Iowa.....	883,435	177,225	141,340	166,315	147,825	137,360	56,560	19,645	2,612	2,656
Mo.....	1,364,470	347,970	234,340	230,955	188,085	170,320	69,050	25,955	2,200	2,435
N. Dak.....	188,260	39,990	33,320	34,650	27,730	27,320	12,995	5,065	2,446	2,517
S. Dak.....	207,880	47,870	37,415	39,695	31,135	27,540	11,745	4,535	2,337	2,394
Nebr.....	446,410	92,885	78,035	87,465	67,485	59,085	23,860	9,360	2,389	2,452
Kans.....	655,960	150,930	110,295	121,750	102,385	88,125	34,410	14,420	2,377	2,486
<b>S. A.</b> .....	6,541,345	1,697,595	1,267,970	1,141,770	816,305	751,615	340,905	122,025	2,081	2,289
Del.....	102,935	20,205	14,505	17,140	14,950	15,460	7,800	3,295	2,689	2,815
Md.....	755,075	134,560	107,910	129,000	118,835	119,955	63,900	20,600	2,811	2,891
Dist. of Col.....	340,375	50,185	43,620	63,350	51,840	53,240	34,970	13,970	2,975	2,975
Va.....	1,046,295	249,050	205,320	179,860	133,560	125,380	64,975	19,625	2,172	2,374
W. Va.....	574,830	136,515	91,870	129,170	86,295	71,340	26,595	7,960	2,344	2,514
N. C.....	1,146,565	323,360	254,740	206,805	129,690	115,680	42,810	15,870	1,864	2,126
S. C.....	578,075	195,295	120,660	91,770	61,490	56,925	19,935	6,480	1,647	1,979
Ga.....	1,011,725	330,415	219,800	159,175	102,815	91,365	36,475	13,965	1,644	1,924
Fla.....	985,470	258,610	209,545	165,500	116,830	102,270	43,445	20,260	1,950	2,009
<b>E. S. C.</b> .....	3,325,430	1,161,390	722,230	527,415	336,375	279,185	109,165	40,620	1,555	1,943
Ky.....	864,730	265,330	185,345	153,240	96,540	80,540	30,815	11,575	1,774	2,094
Tenn.....	975,485	298,210	217,655	162,570	108,120	91,250	36,470	13,910	1,749	2,052
Ala.....	865,395	305,330	181,580	140,570	90,040	74,540	29,040	9,780	1,580	1,956
Miss.....	619,820	292,520	137,650	71,035	41,675	32,855	12,840	5,355	1,028	1,458
<b>W. S. C.</b> .....	4,624,470	1,268,755	904,045	743,110	581,510	551,755	233,450	98,720	2,021	2,230
Ark.....	568,695	227,515	131,990	82,140	48,355	37,160	13,720	6,115	1,315	1,642
La.....	802,690	236,460	173,950	124,080	88,695	85,350	38,090	14,965	1,810	2,018
Okla.....	737,950	202,240	141,735	125,650	99,615	85,660	33,920	13,290	2,050	2,220
Tex.....	2,515,135	602,540	456,370	411,240	344,845	343,585	147,720	64,350	2,273	2,407
<b>Mt.</b> .....	1,664,000	335,845	264,070	291,010	281,145	254,415	104,815	39,585	2,620	2,711
Mont.....	204,065	40,560	31,135	34,510	36,570	31,725	13,535	5,520	2,718	2,837
Idaho.....	186,800	32,630	30,085	36,450	32,350	29,120	11,725	4,110	2,685	2,787
Wyo.....	102,150	17,210	15,295	15,860	18,145	18,945	7,440	2,765	2,964	3,109
Colo.....	462,105	97,785	76,150	83,475	72,610	66,780	28,320	11,555	2,514	2,569
N. Mex.....	201,880	47,205	35,680	32,495	27,855	27,055	12,725	4,855	2,301	2,447
Ariz.....	240,345	55,860	41,025	40,370	38,680	33,040	12,370	5,210	2,375	2,446
Utah.....	204,805	33,670	26,040	38,385	44,160	36,825	13,450	3,805	3,001	3,043
Nev.....	61,850	10,925	8,660	9,465	10,775	10,925	5,250	1,765	2,982	3,060
<b>Pac.</b> .....	5,402,990	967,880	746,530	830,240	951,635	992,640	464,905	143,380	3,004	3,042
Wash.....	878,405	162,245	125,285	130,665	160,310	160,350	66,175	19,555	2,955	3,016
Oreg.....	543,920	102,195	74,380	89,755	100,825	99,780	40,510	13,150	2,933	3,021
Calif.....	3,980,665	703,440	546,865	609,820	690,500	732,510	358,220	110,665	3,021	3,051

<sup>1</sup> Includes 2,872,940 with income not reported. <sup>2</sup> For definition of median, see headnote, table 18, p. 25.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Part 1.

# No. 350.—AVERAGE INCOME AND EXPENDITURES OF FAMILIES IN SELECTED CITIES WITH 30,500 INHABITANTS OR MORE: 1950

[Preliminary data based on a sample of civilian families of 2 or more persons existing as family groups during entire year. Averages are based on all families included in survey whether or not they reported on a particular item. See source for further explanation of survey]

CITY	FAMILIES IN SURVEY		Money income before personal taxes <sup>1</sup>	RECEIPTS			Balancing difference <sup>4</sup>	EXPENDITURES			
	Number	Average size		Money income after taxes <sup>2</sup>	Other money receipts <sup>3</sup>	Decrease in assets and/or increase in liabilities		Current consumption	Insurance	Gifts and contributions	Increase in assets and/or decrease in liabilities
Cities with 1,000,000 inhabitants or more:											
Baltimore, Md.	262	3.2	\$4,302	\$3,983	\$37	\$852	\$-91	\$3,919	\$203	\$141	\$700
Boston, Mass.	222	3.5	4,572	4,200	18	866	-318	4,300	176	201	725
Chicago, Ill.	336	3.2	5,318	5,080	49	1,974	-140	4,905	246	261	1,831
Cleveland, Ohio	268	3.3	5,309	4,876	39	1,275	-118	4,671	243	216	1,178
Los Angeles, Calif.	325	3.1	5,160	4,745	107	1,669	-169	4,661	209	167	1,653
New York, N. Y.	388	3.2	5,479	4,852	61	1,449	-337	4,932	218	251	1,298
Northern New Jersey area	374	3.2	5,015	4,614	79	1,102	-200	4,737	236	211	811
Philadelphia-Camden, Pa.	277	3.2	4,895	4,506	41	689	-177	4,384	194	147	688
Pittsburgh, Pa.	303	3.7	4,935	4,583	23	836	-125	4,506	222	144	695
San Francisco-Oakland, Calif.	226	3.2	5,020	4,584	42	1,235	-138	4,477	213	156	1,153
St. Louis, Mo.	287	3.3	5,113	4,546	20	965	-12	4,251	206	161	925
Cities with 240,000 to 1,000,000 inhabitants:											
Atlanta, Ga.	178	3.3	4,138	3,872	37	877	-129	3,769	175	177	794
Birmingham, Ala.	170	3.3	3,436	3,242	13	711	-172	3,272	151	153	562
Cincinnati, Ohio	198	3.2	4,884	4,532	331	986	-95	4,186	228	179	1,351
Hartford, Conn.	154	3.2	5,159	4,678	67	674	-419	4,672	221	198	747
Indianapolis, Ind.	185	3.1	4,618	4,188	0	1,214	15	3,854	169	138	1,226
Kansas City, Mo.	182	3.0	4,709	4,321	16	1,264	68	3,989	192	191	1,161
Louisville, Ky.	197	3.3	4,068	3,754	336	1,154	-60	3,741	187	113	1,263
Miami, Fla.	140	3.1	4,853	4,573	10	1,766	-241	4,605	189	195	1,601
Milwaukee, Wis.	179	3.2	5,332	4,682	22	1,043	-63	4,331	219	276	984
Minneapolis-St. Paul, Minn.	169	3.3	4,983	4,579	103	1,452	-84	4,429	207	164	1,418
New Orleans, La.	161	3.4	3,555	3,321	25	761	-174	3,347	147	100	687
Norfolk-Portsmouth, Va.	176	3.6	3,800	3,589	17	832	-123	3,646	207	113	595
Omaha, Nebr.	173	3.4	4,418	4,092	18	1,193	-118	3,978	193	118	1,132
Portland, Oreg.	160	3.2	4,419	4,017	91	1,782	-48	4,134	187	167	1,450
Providence, R. I.	188	3.3	3,978	3,718	71	661	-303	3,916	192	118	527
Scranton, Pa.	185	3.5	3,805	3,607	142	694	-143	3,747	184	117	538
Seattle, Wash.	172	3.1	4,976	4,594	94	1,272	-140	4,554	172	151	1,223
Youngstown, Ohio	196	3.6	4,911	4,539	3	820	-111	4,166	225	168	914
Cities with 30,500 to 240,000 inhabitants:											
Albuquerque, N. Mex.	105	3.5	5,237	4,797	40	1,686	-111	4,732	199	158	1,545
Bakersfield, Calif.	58	3.0	6,255	5,420	39	1,134	-285	4,955	240	137	1,546
Bangor, Maine	46	3.5	5,178	4,797	30	694	-119	4,222	229	124	1,065
Bloomington, Ill.	45	3.2	4,585	4,217	8	1,135	-203	3,881	283	186	1,213
Butte, Mont.	101	3.4	4,327	3,937	17	1,111	-251	4,015	163	105	1,033
Canton, Ohio	134	3.2	4,428	4,135	29	789	-43	3,917	154	146	779
Charleston, S. C.	135	3.8	3,529	3,355	27	611	-74	3,303	196	98	470
Charleston, W. Va.	123	3.3	5,234	4,786	83	1,342	2	4,345	257	217	1,390
Charlotte, N. C.	126	3.3	4,164	3,860	70	983	-67	3,637	192	174	977
Cumberland, Md.	52	2.5	3,879	3,606	0	463	-26	3,303	257	144	391
Des Moines, Iowa	84	3.4	4,857	4,500	( <sup>5</sup> )	1,429	-130	4,316	179	154	1,410
Evansville, Ind.	127	3.4	3,879	3,567	119	835	-91	3,474	163	117	858
Huntington-Ashland, W. Va.	120	3.6	4,067	3,822	12	799	-111	3,740	189	141	674
Jackson, Miss.	142	3.4	3,982	3,731	0	1,072	-84	3,647	124	137	979
Little Rock, Ark.	94	3.1	4,281	3,939	73	924	-39	3,670	162	195	948
Lynchburg, Va.	44	3.4	3,627	3,427	20	499	-67	3,340	196	177	300
Madison, Wis.	111	3.3	5,230	4,779	124	1,962	-117	4,487	256	151	2,088
Middletown, Conn.	50	3.8	5,147	4,772	23	858	-320	4,728	298	157	790
Newark, Ohio	46	3.1	4,559	3,997	34	1,100	-262	3,831	132	214	1,216
Ogden, Utah	54	3.6	4,163	3,905	74	967	-134	3,966	230	157	727
Oklahoma City, Okla.	110	3.1	4,540	4,128	17	1,174	-273	4,237	181	172	1,002
Phoenix, Ariz.	108	3.3	3,853	3,595	115	905	-116	3,565	138	109	919
Portland, Maine	116	3.5	3,825	3,621	3	832	-99	3,643	216	117	579
Salt Lake City, Utah	109	3.6	4,470	4,209	22	940	-105	4,039	177	192	868
San Jose, Calif.	101	3.2	4,322	4,046	4	1,430	-68	4,123	165	166	1,094
Sioux Falls, S. Dak.	117	3.2	4,596	4,247	51	1,041	-151	4,259	147	155	929
Tucson, Ariz.	44	3.3	4,173	3,945	0	1,429	-134	4,020	151	254	1,083
Wichita, Kans.	130	3.2	4,235	3,920	9	1,031	-135	3,720	167	208	1,000
Wilmington, Del.	127	3.3	4,931	4,518	15	1,375	-274	4,580	239	170	1,193

<sup>1</sup> Includes Federal and State income, payroll, and personal property taxes.

<sup>2</sup> Total money income from wages, salaries, self-employment, receipts from roomers and boarders, rents, interest, dividends, etc., less occupational expense.

<sup>3</sup> Comprises inheritance, large gifts, and lump-sum settlements from accident or health insurance policies, which were not considered current income.

<sup>4</sup> A average reporting discrepancy between family receipts and expenditures. <sup>5</sup> Less than \$0.50.

Source: Department of Labor, Bureau of Labor Statistics; *Family Income, Expenditures, and Savings in 1950*, Bulletin 1097 (Revised).



**No. 351.—CURRENT CONSUMPTION EXPENDITURES OF FAMILIES IN SELECTED CITIES,  
PERCENT DISTRIBUTION: 1950**

[Preliminary. See headnote, table 350]

TYPE OF EXPENDITURE	CITIES WITH 1,000,000 INHABITANTS OR MORE								
	Balti- more, Md.	Bos- ton, Mass.	Chi- cago, Ill.	Cleve- land, Ohio	Los Ange- les, Calif.	New York, N. Y.	Phila- del- phia- Cam- den, Pa.	Pitts- burgh, Pa.	St. Louis, Mo.
Average expenditure for current consumption.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Housing <sup>1</sup> .....	12.6	13.6	11.5	11.5	11.8	12.9	11.3	11.7	10.7
Fuel, light, refrigeration, and water.....	4.6	5.3	3.3	3.6	2.2	2.7	4.5	3.5	4.0
Household operation.....	5.4	4.3	4.9	4.7	5.0	6.4	5.1	4.2	4.7
Housefurnishings and equipment.....	5.9	5.7	7.2	6.5	7.6	6.0	6.0	6.3	6.8
Food.....	29.3	31.5	29.2	28.1	28.3	31.1	31.5	30.8	29.5
Alcoholic drinks.....	2.0	1.4	2.0	1.9	1.3	2.1	2.3	2.0	2.2
Tobacco.....	2.0	2.3	1.6	1.7	1.3	1.7	2.1	1.9	1.5
Personal care.....	2.3	2.3	2.2	2.1	2.1	2.0	2.4	2.2	2.3
Clothing.....	11.2	11.3	12.4	12.9	10.5	12.3	12.3	12.4	11.1
Medical care.....	4.0	4.7	5.2	4.5	6.1	5.9	5.1	4.7	4.8
Recreation.....	5.0	4.6	5.0	5.5	4.8	4.9	4.7	4.6	4.6
Reading.....	1.0	1.0	0.9	0.9	0.8	0.9	0.8	0.8	0.9
Education.....	0.7	0.7	0.6	0.6	0.5	1.1	0.5	0.6	0.4
Automobile transportation.....	10.3	7.5	10.1	12.0	14.8	6.0	8.1	11.1	12.3
Other transportation.....	2.4	2.4	2.6	2.3	1.6	2.5	2.4	2.2	2.1
Miscellaneous.....	1.3	1.4	1.3	1.2	1.3	1.5	0.9	1.0	2.1

TYPE OF EXPENDITURE	CITIES WITH 240,000 TO 1,000,000 INHABITANTS								
	At- lanta, Ga.	Cin- cinnati, Ohio	Hart- ford, Conn.	Kan- sas City, Mo.	Mi- ami, Fla.	New Or- leans, La.	Nor- folk- Port- smouth, Va.	Port- land, Oreg.	Sera- nton, Pa.
Average expenditure for current consumption.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Housing <sup>1</sup> .....	10.9	10.9	11.6	13.0	12.2	9.7	10.4	11.3	10.2
Fuel, light, refrigeration, and water.....	3.9	3.4	4.8	3.5	2.7	3.3	4.8	4.8	5.8
Household operation.....	5.5	5.0	4.9	4.9	5.8	4.4	4.7	4.9	3.3
Housefurnishings and equipment.....	6.5	6.1	5.8	7.4	7.1	6.0	6.8	6.4	6.7
Food.....	28.8	29.5	29.5	27.3	27.1	33.9	28.8	27.4	33.2
Alcoholic drinks.....	1.4	2.3	1.9	1.7	1.9	1.4	1.8	1.4	2.3
Tobacco.....	1.9	1.7	1.9	1.7	2.0	2.4	2.0	1.5	1.7
Personal care.....	2.3	2.0	1.9	2.9	2.5	2.4	2.4	2.0	1.9
Clothing.....	11.9	10.8	11.1	11.4	9.9	11.8	11.6	10.3	11.5
Medical care.....	4.8	5.8	6.2	5.1	5.6	5.9	4.2	5.5	4.7
Recreation.....	4.9	5.2	3.9	3.8	5.0	3.6	5.4	4.5	3.3
Reading.....	0.9	0.9	0.8	0.9	1.0	0.9	0.9	0.9	0.9
Education.....	0.6	0.6	1.2	0.6	0.6	0.5	0.7	1.0	0.4
Automobile transportation.....	12.3	12.3	11.3	13.1	12.5	9.8	12.0	15.0	10.5
Other transportation.....	1.8	1.9	1.4	1.6	1.9	2.9	2.1	1.8	1.5
Miscellaneous.....	1.6	1.6	1.8	1.1	2.2	1.1	1.4	1.3	2.1

TYPE OF EXPENDITURE	CITIES WITH 30,500 TO 240,000 INHABITANTS								
	Albu- querque, N. Mex.	Butte, Mont.	Char- leston, S. C.	Char- leston, W. Va.	Jack- son, Miss.	Okla- homa City, Okla.	Port- land, Maine	San Jose, Calif.	Wil- mington, Del.
Average expenditure for current consumption.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Housing <sup>1</sup> .....	9.1	8.4	11.2	10.7	11.6	11.3	11.0	9.8	10.4
Fuel, light, refrigeration, and water.....	3.2	3.9	5.0	2.5	3.0	2.8	6.5	2.8	5.0
Household operation.....	5.7	3.1	5.4	5.4	5.8	5.3	4.3	4.2	4.3
Housefurnishings and equipment.....	11.1	5.4	7.4	8.7	7.5	9.0	6.5	7.2	7.8
Food.....	27.3	32.6	30.6	27.6	28.0	26.9	31.4	29.0	28.5
Alcoholic drinks.....	1.1	2.2	1.5	0.8	0.4	0.8	1.4	1.1	2.1
Tobacco.....	1.6	2.0	2.1	1.5	1.9	1.8	2.2	1.5	1.9
Personal care.....	2.5	2.2	2.4	2.3	2.7	2.7	2.2	2.2	2.3
Clothing.....	10.8	12.7	11.3	12.8	13.0	12.0	10.9	10.6	12.4
Medical care.....	5.2	5.2	3.9	6.0	4.8	5.3	4.7	5.2	4.9
Recreation.....	4.4	4.2	2.8	4.0	3.1	4.6	3.0	6.2	5.2
Reading.....	0.9	1.0	0.7	0.9	0.7	0.9	1.2	1.0	0.9
Education.....	0.8	0.6	0.7	0.8	1.4	1.0	0.5	0.6	0.9
Automobile transportation.....	13.6	14.2	12.4	12.4	13.5	12.4	9.5	15.9	10.9
Other transportation.....	1.4	1.0	1.1	1.6	1.4	1.2	2.2	0.9	1.5
Miscellaneous.....	1.3	1.3	1.5	2.0	1.2	2.0	2.5	1.8	1.0

<sup>1</sup> Includes contract rents for tenant-occupied dwellings and for lodging away from home, and current maintenance costs for home owners (interest on mortgages, taxes, insurance, and expenses for repairs and replacements).

Source: Department of Labor, Bureau of Labor Statistics; *Family Income, Expenditures, and Savings in 1950*, Bulletin 1097 (Revised).

# No. 352.—DISTRIBUTION OF FAMILIES AND UNATTACHED INDIVIDUALS AND OF FAMILY PERSONAL INCOME, BY FAMILY PERSONAL INCOME LEVEL: 1944 TO 1953

[Numbers in thousands; income in millions of dollars. For distinction between personal income and money income, see text, p. 282]

FAMILY PERSONAL INCOME <sup>1</sup> (BEFORE INCOME TAXES)	NUMBER OF FAMILIES AND UNATTACHED INDIVIDUALS						AGGREGATE FAMILY PERSONAL INCOME <sup>1</sup>					
	1944	1946	1947	1950	1951	1953	1944	1946	1947	1950	1951	1953
<b>Total</b> .....	40,880	43,330	44,740	48,890	49,480	50,550	147,721	170,705	184,598	217,262	242,652	271,545
Under \$1,000.....	4,352	3,826	3,748	3,861	3,227	2,866	2,390	2,017	1,973	1,943	1,680	1,427
\$1,000 to \$1,999.....	8,108	7,606	7,370	7,464	6,022	5,433	12,338	11,570	11,231	11,333	9,084	8,242
\$2,000 to \$2,999.....	8,762	8,791	8,459	8,091	7,164	6,488	21,938	22,007	21,176	20,273	17,945	16,304
\$3,000 to \$3,999.....	7,723	8,590	8,628	8,586	8,192	7,399	26,960	29,906	30,045	29,983	28,696	25,988
\$4,000 to \$4,999.....	4,535	5,364	5,725	7,054	7,455	7,247	20,261	23,956	25,583	31,533	33,552	32,521
\$5,000 to \$5,999.....	2,515	3,065	3,474	4,694	5,580	6,276	13,739	16,725	18,957	25,603	30,502	34,315
\$6,000 to \$7,499.....	2,259	2,547	3,151	3,836	5,323	6,240	14,942	16,833	20,812	25,578	35,596	41,781
\$7,500 to \$9,999.....	1,385	1,571	2,170	2,758	3,390	4,834	11,802	14,905	18,454	23,364	28,531	41,196
\$10,000 to \$14,999.....	707	1,070	1,199	1,536	1,899	2,273	8,483	12,784	14,300	18,310	22,617	27,492
\$15,000 to \$19,999.....	246	332	386	414	523		4,215	5,692	6,586	7,083	8,933	
\$20,000 to \$24,999.....	108	143	167	218	274		2,395	3,165	3,700	4,826	6,063	
\$25,000 to \$49,999.....	140	191	208	294	336	1,494	4,651	6,308	6,879	9,743	11,097	42,279
\$50,000 and over.....	40	54	55	84	95		3,607	4,837	4,902	7,690	8,356	
<b>PERCENT DISTRIBUTION</b>												
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$1,000.....	10.7	8.8	8.4	7.9	6.5	5.7	1.6	1.2	1.1	0.9	0.7	0.5
\$1,000 to \$1,999.....	19.8	17.6	16.5	15.3	12.2	10.8	8.4	6.8	6.1	5.2	3.7	3.0
\$2,000 to \$2,999.....	21.4	20.3	18.9	16.6	14.5	12.8	14.9	12.9	11.5	9.3	7.4	6.0
\$3,000 to \$3,999.....	18.9	19.8	19.3	17.6	16.5	14.6	18.3	17.5	16.3	13.8	11.8	9.6
\$4,000 to \$4,999.....	11.1	12.4	12.8	14.4	15.1	14.3	13.7	14.0	13.8	14.5	13.8	12.0
\$5,000 to \$5,999.....	6.2	7.1	7.8	9.6	11.3	12.4	9.3	9.8	10.2	11.8	12.6	12.6
\$6,000 to \$7,499.....	5.5	5.9	7.0	7.9	10.7	12.3	10.1	9.9	11.3	11.8	14.7	15.4
\$7,500 to \$9,999.....	3.4	4.0	4.8	5.6	6.8	9.6	8.0	8.7	10.0	10.8	11.8	15.2
\$10,000 to \$14,999.....	1.7	2.5	2.7	3.1	3.8	4.5	5.7	7.5	7.7	8.4	9.3	10.1
\$15,000 to \$19,999.....	0.6	0.8	0.8	0.8	1.1		2.9	3.3	3.6	3.3	3.7	
\$20,000 to \$24,999.....	0.3	0.3	0.4	0.4	0.6		1.6	1.9	2.0	2.2	2.5	
\$25,000 to \$49,999.....	0.3	0.4	0.5	0.6	0.7	3.0	3.1	3.7	3.7	4.5	4.6	15.6
\$50,000 and over.....	0.1	0.1	0.1	0.2	0.2		2.4	2.8	2.7	3.5	3.4	

<sup>1</sup> Covers income of families and unattached individuals.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, March 1955.

# No. 353.—SHARE OF TOTAL MONEY INCOME RECEIVED BY EACH TENTH OF THE NATION'S SPENDING UNITS, RANKED BY SIZE OF INCOME: 1947 TO 1953

Data for each year based on interviews in January–March of following year. "Spending unit" defined as all persons living in the same dwelling and belonging to the same family who pool their incomes to meet their major expenses; a spending unit may consist of only 1 person]

SPENDING UNITS RANKED FROM LOWEST TO HIGH- EST INCOME <sup>1</sup>	PERCENT OF TOTAL MONEY INCOME BEFORE FEDERAL INCOME TAX							PERCENT OF TOTAL MONEY INCOME AFTER FEDERAL INCOME TAX <sup>2</sup>						
	1947	1948	1949	1950	1951	1952	1953	1947	1948	1949	1950	1951	1952	1953
Lowest tenth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Second tenth.....	3	3	3	3	3	3	3	3	4	3	3	3	3	4
Third tenth.....	4	5	5	5	5	5	5	5	5	5	5	5	5	5
Fourth tenth.....	6	6	6	6	6	6	6	6	7	7	7	7	7	7
Fifth tenth.....	7	8	8	8	8	8	8	8	8	8	8	8	8	8
Sixth tenth.....	9	9	9	9	9	9	9	9	9	9	10	9	10	9
Seventh tenth.....	10	10	11	11	10	11	10	10	10	11	11	11	11	11
Eighth tenth.....	12	12	12	13	12	12	12	12	12	13	13	13	13	12
Ninth tenth.....	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Highest tenth.....	33	31	30	29	31	30	31	31	29	28	27	28	27	28

<sup>1</sup> Ranking based on size of money income before or after tax.

<sup>2</sup> Estimated liability on Federal income tax, excluding tax on capital gains. Tax liability was not obtained directly from interviews or from tax returns, but from comprehensive data on family composition and income obtained in connection with Consumer Finances Surveys. For method of estimating, see *Federal Reserve Bulletin*, Aug. 1950, pp. 961–962.

Source: Board of Governors of the Federal Reserve System. Based on data from various Surveys of Consumer Finances, conducted by Board of Governors of Federal Reserve System in cooperation with Survey Research Center of University of Michigan.



**No. 354.—SPENDING UNITS, 1945 TO 1953, AND LIQUID ASSETS, 1946 TO 1954—  
PERCENT DISTRIBUTION BY INCOME GROUPS**

[Liquid asset holdings as of January 1, 1952, and at time of interviews in January, February, and early March of other years. Money income groupings for calendar year preceding time of interview. For definition of spending unit, see headnote, table 353. See text, p. 281]

MONEY INCOME BEFORE TAXES	SPENDING UNITS				TOTAL LIQUID ASSETS <sup>1</sup>			
	1945	1951	1952	1953	1946	1952	1953	1954
<b>All income groups.....</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$1,000.....	20	13	11	10	7	7	6	4
\$1,000 to \$1,999.....	27	15	14	13	14	8	7	6
\$2,000 to \$2,999.....	23	18	16	14	17	10	9	7
\$3,000 to \$3,999.....	15	18	18	16	16	14	14	10
\$4,000 to \$4,999.....	7	15	15	16	10	11	9	11
\$5,000 to \$7,499.....	5	14	17	20	13	18	21	22
\$7,500 and over.....	3	7	9	11	23	32	34	40

<sup>1</sup> Liquid assets comprise all U. S. Government bonds, checking accounts, savings accounts in banks, postal savings, and shares in savings and loan associations and credit unions; currency is excluded.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*. Based on data from various Surveys of Consumer Finances conducted by Board of Governors of Federal Reserve System in cooperation with Survey Research Center of University of Michigan.

**No. 355.—MEAN AND MEDIAN INCOMES WITHIN OCCUPATIONAL GROUPS: 1947 TO 1953**

[In dollars. Data based on approximately 2,800 to 3,500 interviews taken in 60 to 75 sampling areas throughout country. For definition of spending unit, see headnote, table 353. Mean income is the average obtained by dividing aggregate money income before taxes by number of spending units. Median income is that of middle spending unit when units are ranked by size of money income before taxes]

OCCUPATION OF HEAD OF SPENDING UNIT	1947	1948	1949	1950	1951	1952	1953 <sup>1</sup>
<b>MEAN INCOME</b>							
<b>All spending units.....</b>	<b>3, 290</b>	<b>3, 450</b>	<b>3, 270</b>	<b>3, 520</b>	<b>3, 820</b>	<b>4, 070</b>	<b>4, 570</b>
Professional and semiprofessional.....	5, 750	5, 140	5, 350	5, 630	6, 020	6, 670	6, 790
Managerial and self-employed.....	6, 730	6, 300	5, 630	5, 790	7, 100	6, 970	(2)
Managerial.....	(2)	(2)	5, 960	6, 580	8, 960	6, 890	8, 920
Self-employed.....	(2)	(2)	5, 400	5, 330	5, 820	7, 010	(3)
Clerical and sales.....	3, 220	3, 350	3, 260	3, 910	3, 920	4, 180	3, 850
Skilled and semiskilled.....	3, 120	3, 470	3, 350	3, 530	3, 970	4, 200	4, 550
Unskilled and service.....	1, 900	2, 280	2, 200	2, 350	2, 320	2, 620	2, 760
Farm operator.....	2, 080	2, 690	2, 570	2, 480	2, 660	2, 540	(3)
Other <sup>4</sup> .....	2, 010	2, 030	2, 040	2, 020	2, 330	2, 410	2, 560
<b>MEDIAN INCOME</b>							
<b>All spending units.....</b>	<b>2, 530</b>	<b>2, 840</b>	<b>2, 700</b>	<b>3, 000</b>	<b>3, 200</b>	<b>3, 430</b>	<b>3, 780</b>
Professional and semiprofessional.....	4, 000	4, 000	4, 000	4, 500	4, 500	5, 310	5, 540
Managerial and self-employed.....	4, 500	4, 500	4, 500	4, 500	4, 780	5, 000	(2)
Managerial.....	(2)	(2)	(2)	4, 950	5, 350	5, 500	6, 610
Self-employed.....	(2)	(2)	(2)	4, 100	4, 180	4, 730	5, 000
Clerical and sales.....	2, 900	3, 000	2, 800	3, 200	3, 410	3, 850	4, 100
Skilled and semiskilled.....	3, 000	3, 300	3, 200	3, 600	3, 800	4, 000	4, 400
Unskilled and service.....	1, 750	2, 100	2, 100	2, 100	2, 100	2, 470	2, 530
Farm operator.....	1, 500	1, 800	1, 500	1, 900	1, 880	2, 190	2, 060
Other <sup>4</sup> .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)

<sup>1</sup> Figures for 1953 are high relative to other years owing largely to a change in 1954 questionnaire that improved the reporting of 1953 income.

<sup>2</sup> Not available.

<sup>3</sup> Changes in 1954 questionnaire resulted in overestimates of farm and nonfarm business incomes in 1953 relative to earlier years. The effect is thought to have been much greater on the mean than on the median and so the former has been omitted.

<sup>4</sup> Comprises spending units headed by housewives, protective service workers, unemployed persons, and students.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*. Based on data from various Surveys of Consumer Finances, conducted by Board of Governors of Federal Reserve System in cooperation with Survey Research Center of University of Michigan.

**No. 356.—MONEY INCOME OF FAMILIES AND UNRELATED INDIVIDUALS—PERCENT DISTRIBUTION BY INCOME LEVEL, AND MEDIAN INCOME, URBAN AND RURAL: 1949 TO 1952**

[Based on samples of population residing in households only. Includes small number of families and unrelated individuals with no money income. Excludes small number of families and individuals residing in quasi-households (hotels, large rooming houses, etc.). "Family" not used here with same meaning as in 1940 Census. It refers to a group of 2 or more related persons residing in same household. "Unrelated individual" is used to refer to a person living alone or with persons not related to him. See Sampling Note, p. 183. For explanation of urban and rural areas, see p. 2]

TOTAL MONEY INCOME	FAMILIES AND INDIVIDUALS				FAMILIES				UNRELATED INDIVIDUALS			
	1949	1950	1951	1952	1949	1950	1951	1952	1949	1950	1951	1952
<b>UNITED STATES</b>												
<b>Total</b> -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$500-----	9.4	9.4	7.8	7.0	5.9	5.8	4.4	4.1	27.1	28.1	25.5	20.2
\$500 to \$999-----	9.1	8.4	7.4	7.5	6.2	5.7	4.8	4.4	23.6	22.2	21.2	21.6
\$1,000 to \$1,499-----	7.9	6.9	5.9	6.5	7.2	6.2	5.3	5.3	11.0	10.5	9.0	12.3
\$1,500 to \$1,999-----	7.9	7.3	6.5	6.1	7.6	7.0	6.1	5.5	9.5	9.0	9.0	9.1
\$2,000 to \$2,499-----	10.2	9.0	7.9	7.1	10.2	9.0	7.6	6.7	9.9	9.3	9.4	9.3
\$2,500 to \$2,999-----	9.8	8.5	7.6	7.2	10.4	8.9	7.8	7.5	6.9	6.3	6.6	5.9
\$3,000 to \$3,499-----	10.1	10.7	9.5	9.2	11.2	11.6	9.9	9.8	4.5	5.7	7.3	6.6
\$3,500 to \$3,999-----	7.8	8.1	9.0	8.2	8.8	9.0	9.8	8.8	2.8	3.5	4.6	5.4
\$4,000 to \$4,499-----	5.9	6.9	8.1	7.2	6.8	7.9	9.2	8.2	1.9	2.0	2.6	2.6
\$4,500 to \$4,999-----	4.5	5.0	5.7	6.4	5.3	5.7	6.4	7.2	0.4	1.1	1.5	2.4
\$5,000 to \$5,999-----	6.8	7.7	9.3	10.2	7.8	9.0	10.8	11.9	1.4	1.0	1.8	2.1
\$6,000 to \$9,999-----	8.3	9.3	12.3	14.0	9.8	11.0	14.4	16.6	0.7	0.9	1.3	2.0
\$10,000 and over-----	2.3	2.8	3.1	3.5	2.6	3.2	3.6	4.2	0.4	0.4	0.3	0.5
<b>MEDIAN INCOME</b> <sup>1</sup>												
<b>Total</b> -----	\$2,783	\$3,025	\$3,368	\$3,467	\$3,107	\$3,319	\$3,714	\$3,889	\$984	\$992	\$1,180	\$1,332
Urban and rural nonfarm-----	2,989	3,188	3,546	3,611	3,324	3,497	3,913	4,111	1,042	1,079	1,285	1,410
Rural farm-----	1,462	1,790	1,953	2,011	1,587	1,970	2,131	2,226	500	532	733	665

<sup>1</sup> For definition of median, see headnote, table 18, p. 25.

**No. 357.—MONEY INCOME OF FAMILIES AND UNRELATED INDIVIDUALS—PERCENT DISTRIBUTION BY INCOME LEVEL, URBAN AND RURAL: 1952**

[Based on sample. See Sampling Note, p. 183. Includes small number of families and unrelated individuals with no money income, and families and individuals in quasi-households (hotels, large rooming houses, etc.) as well as households. See also headnote, table 356]

TOTAL MONEY INCOME	FAMILIES AND INDIVIDUALS				FAMILIES				UNRELATED INDIVIDUALS			
	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm
<b>Number (1,000)</b> -----	50,794	34,456	10,216	6,122	41,020	26,786	8,782	5,452	9,774	7,670	1,434	670
<b>Percent</b> -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$500-----	7.2	5.6	7.4	15.8	4.1	2.4	3.9	12.8	20.0	16.7	27.8	41.4
\$500 to \$999-----	7.5	6.4	7.7	13.3	4.4	2.8	4.7	11.8	20.2	18.6	25.4	26.0
\$1,000 to \$1,499-----	6.6	6.0	5.9	11.0	5.3	4.1	5.4	11.1	12.0	12.6	9.2	10.6
\$1,500 to \$1,999-----	6.2	5.6	6.4	9.6	5.5	4.4	5.8	10.2	9.4	9.8	9.4	4.8
\$2,000 to \$2,499-----	7.2	6.9	7.4	8.8	6.7	5.8	7.5	9.1	9.6	10.4	6.8	5.7
\$2,500 to \$2,999-----	7.3	7.3	7.0	8.0	7.4	7.1	7.6	8.7	6.7	7.6	3.9	2.2
\$3,000 to \$3,499-----	9.2	9.3	10.1	7.2	9.7	9.7	11.0	7.9	6.9	7.8	4.7	1.8
\$3,500 to \$3,999-----	8.2	8.6	8.5	5.0	8.8	9.3	9.4	5.3	5.5	6.1	3.6	2.2
\$4,000 to \$4,499-----	7.1	7.4	7.5	4.9	8.2	8.7	8.2	5.4	2.6	2.7	3.2	-----
\$4,500 to \$4,999-----	6.3	6.5	7.2	3.2	7.2	7.8	7.9	3.5	2.2	2.2	2.8	0.9
\$5,000 to \$5,999-----	10.1	11.2	9.4	4.7	11.9	13.7	10.8	5.2	2.4	2.8	1.1	0.9
\$6,000 to \$6,999-----	6.2	6.8	6.5	2.7	7.5	8.5	7.5	2.9	1.0	1.0	1.1	0.4
\$7,000 to \$9,999-----	7.5	8.6	6.4	3.4	9.1	10.8	7.3	3.6	1.0	1.0	0.9	1.3
\$10,000 to \$14,999-----	2.3	2.7	1.8	1.1	2.8	3.4	2.1	1.0	0.4	0.3	-----	1.8
\$15,000 and over-----	1.1	1.3	1.2	1.2	1.3	1.5	1.0	1.3	0.2	0.2	-----	-----
<b>Median income</b> <sup>1</sup> -----	\$3,435	\$3,678	\$3,408	\$2,011	\$3,890	\$4,249	\$3,720	\$2,226	\$1,409	\$1,605	\$937	\$665

<sup>1</sup> For definition of median, see headnote, table 18, p. 25.

Source of tables 356 and 357: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 15.



**No. 358.—MONEY INCOME OF FAMILIES AND UNRELATED INDIVIDUALS—PERCENT DISTRIBUTION BY INCOME LEVEL, BY COLOR; AND MEDIAN INCOME BY COLOR, URBAN AND RURAL: 1952**

[Based on sample. See Sampling Note, p. 183. See also headnote, table 357]

TOTAL MONEY INCOME	FAMILIES AND INDIVIDUALS			FAMILIES			UNRELATED INDIVIDUALS		
	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white
<b>UNITED STATES</b>									
<b>Percent</b> -----	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under \$500-----	7.2	6.6	11.3	4.1	3.8	6.3	20.0	18.9	26.4
\$500 to \$999-----	7.5	6.7	13.4	4.4	3.7	10.7	20.2	19.9	21.7
\$1,000 to \$1,499-----	6.6	5.6	13.9	5.3	4.4	12.3	12.0	10.8	18.7
\$1,500 to \$1,999-----	6.2	5.5	11.7	5.5	4.7	12.0	9.4	9.1	10.7
\$2,000 to \$2,499-----	7.2	6.6	11.8	6.7	5.9	12.9	9.6	9.7	8.5
\$2,500 to \$2,999-----	7.3	6.8	10.9	7.4	6.8	12.5	6.7	6.8	6.2
\$3,000 to \$3,499-----	9.2	9.1	9.6	9.7	9.5	11.7	6.9	7.6	3.0
\$3,500 to \$3,999-----	8.2	8.6	5.0	8.8	9.1	6.4	5.5	6.3	0.6
\$4,000 to \$4,499-----	7.1	7.7	2.7	8.2	8.7	3.3	2.6	2.9	0.8
\$4,500 to \$4,999-----	6.3	6.8	1.9	7.2	7.8	2.4	2.2	2.6	0.4
\$5,000 to \$5,999-----	10.1	10.9	4.0	11.9	12.8	4.5	2.4	2.4	2.6
\$6,000 to \$6,999-----	6.2	6.8	1.9	7.5	8.1	2.6	1.0	1.1	-----
\$7,000 to \$9,999-----	7.5	8.3	1.5	9.1	9.9	1.8	1.0	1.1	0.4
\$10,000 to \$14,999-----	2.3	2.6	0.3	2.8	3.1	0.5	0.4	0.4	-----
\$15,000 and over-----	1.1	1.2	0.1	1.3	1.5	0.2	0.2	0.2	-----
<b>MEDIAN INCOME <sup>1</sup></b>									
<b>Total</b> -----	<b>\$3,435</b>	<b>\$3,668</b>	<b>\$1,987</b>	<b>\$3,890</b>	<b>\$4,114</b>	<b>\$2,338</b>	<b>\$1,409</b>	<b>\$1,519</b>	<b>\$1,051</b>
Urban-----	3,678	3,935	2,229	4,249	4,484	2,631	1,605	1,762	1,168
Rural nonfarm-----	3,408	3,512	1,798	3,720	3,842	2,075	937	959	(2)
Rural farm-----	2,011	2,265	1,063	2,226	2,473	1,170	665	745	(2)

<sup>1</sup> For definition of median, see headnote, table 18, p. 25.

<sup>2</sup> Fewer than 100 cases in sample reporting on income.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 15.

**No. 359.—INCOME OF NONSALARIED PHYSICIANS, LAWYERS, AND DENTISTS: 1929 TO 1951**

[Data are based on mail questionnaire surveys of the 3 professions, usually in cooperation with the professional associations. At intervals, large-scale surveys have been conducted to establish benchmark data, most recently in 1948 (lawyers), 1949 (dentists), and 1950 (physicians). For later years, smaller, interim surveys are conducted to obtain indexes for extending the benchmark data forward]

YEAR	PHYSICIANS		DENTISTS		LAWYERS	
	Average gross income <sup>1</sup>	Average net income <sup>2</sup>	Average gross income <sup>1</sup>	Average net income <sup>2</sup>	Average gross income <sup>1</sup>	Average net income <sup>2</sup>
1929-----	\$8,567	\$5,224	\$7,112	\$4,267	\$7,997	\$5,534
1930-----	8,173	4,870	6,814	4,020	7,594	5,194
1935-----	6,295	3,695	4,438	2,485	6,424	4,272
1940-----	7,632	4,441	6,592	3,314	6,747	4,507
1945-----	17,350	10,975	12,115	6,922	10,398	6,861
1946-----	16,536	10,202	11,429	6,381	10,645	6,951
1947-----	17,742	10,726	12,032	6,610	11,498	7,437
1948-----	18,921	11,327	12,703	7,039	12,660	8,121
1949-----	19,710	11,744	12,881	7,146	13,079	8,983
1950-----	20,713	12,324	13,202	7,436	13,634	8,540
1951-----	22,298	13,432	14,085	7,820	14,171	8,730

<sup>1</sup> Gross business receipts from independent professional practice only.

<sup>2</sup> Income from independent professional practice after deduction of business expenses but before payment of income taxes.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, August 1949, January 1950, July 1951, and July 1952.

**No. 360.—AGGREGATE WAGE OR SALARY INCOME (BEFORE TAXES)—PERCENT DISTRIBUTION OF RECIPIENTS BY INCOME LEVEL: 1939 TO 1953**

[Based on sample. See Sampling Note, p. 183, and see source for explanation of method of estimating aggregate income. See headnote, table 363]

WAGE OR SALARY RECIPIENTS	1939	1945	1947	1948	1949	1950	1951	1952	1953
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lowest fifth	3.4	2.9	2.9	2.9	2.6	2.3	3.0	2.7	2.6
Second fifth	8.4	10.1	10.3	10.2	10.1	9.7	10.6	10.2	9.7
Middle fifth	15.0	17.4	17.8	18.6	18.7	18.3	18.9	18.5	18.1
Fourth fifth	23.9	25.7	24.7	25.5	26.2	25.7	25.9	25.7	25.4
Highest fifth	49.3	43.9	44.3	42.8	42.4	44.0	41.6	42.9	44.0

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 16.

**No. 361.—MONEY INCOME OF PERSONS—PERCENT DISTRIBUTION OF RECIPIENTS BY INCOME LEVEL, BY SEX, URBAN AND RURAL: 1945 TO 1953**

[Persons 14 years old and over. Based on sample. See Sampling Note, p. 183]

TOTAL MONEY INCOME	MALE						FEMALE					
	1945	1949	1950	1951	1952	1953	1945	1949	1950	1951	1952	1953
<b>UNITED STATES</b>												
Total persons	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income	89.5	89.9	90.1	90.1	91.3	91.3	45.1	41.8	43.2	43.7	46.5	46.4
Percent without income	10.5	10.1	9.9	9.9	8.7	8.7	54.9	58.2	56.8	56.3	53.5	53.6
Percent of those with income	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Loss	0.6	0.8	0.7	0.4	0.6	1.1	0.1	0.3	0.3	0.2	0.1	0.4
\$1 to \$499	11.6	11.6	10.6	8.7	7.7	8.7	30.3	31.3	31.7	29.2	28.0	26.3
\$500 to \$999	16.5	10.7	9.4	8.4	8.2	8.3	24.3	20.0	19.8	19.6	18.7	19.5
\$1,000 to \$1,499	13.8	9.4	8.0	7.0	7.2	6.4	19.4	13.5	11.4	10.9	10.8	11.3
\$1,500 to \$1,999	12.2	9.3	8.4	6.9	6.7	6.0	13.8	12.7	12.2	12.3	11.0	10.1
\$2,000 to \$2,499	13.2	11.7	11.4	9.6	8.3	7.6	7.0	11.2	11.6	11.0	10.6	10.7
\$2,500 to \$2,999	10.7	11.6	10.2	9.8	8.5	7.4	2.7	5.2	6.5	7.2	7.4	7.4
\$3,000 to \$3,499	8.4	11.5	12.5	12.3	13.2	10.1	1.1	3.1	3.3	4.9	7.4	6.5
\$3,500 to \$3,999	4.8	7.7	8.4	10.3	9.7	9.2	0.3	1.0	1.2	2.2	2.6	3.4
\$4,000 to \$4,499	2.3	4.8	6.2	8.0	7.8	8.7	0.2	0.9	0.8	1.0	1.4	1.7
\$4,500 to \$4,999	1.5	2.9	3.4	4.7	5.7	6.1	0.2	0.3	0.4	0.5	0.5	0.6
\$5,000 to \$5,999	2.4	3.4	4.6	6.4	8.0	9.5	0.1	0.2	0.3	0.5	0.7	1.0
\$6,000 to \$9,999	1.3	3.0	4.0	5.5	6.4	8.5	0.1	0.3	0.3	0.4	0.5	0.5
\$10,000 and over	0.8	1.4	2.0	1.9	1.9	2.3	0.1	0.1	0.2	0.1	0.1	0.4
Median income for persons with income <sup>1</sup>	\$1,811	\$2,346	\$2,570	\$2,952	\$3,105	\$3,223	\$901	\$960	\$953	\$1,045	\$1,147	\$1,168
<b>URBAN AND RURAL NONFARM</b>												
Total persons	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income	90.5	90.5	90.8	90.7	92.3	91.9	48.8	44.1	45.2	46.2	48.4	48.3
Percent without income	9.5	9.5	9.2	9.3	7.7	8.1	51.2	55.9	54.8	53.8	51.6	51.7
Median income for persons with income <sup>1</sup>	\$2,042	\$2,563	\$2,784	\$3,130	\$3,258	\$3,421	\$962	\$1,049	\$1,043	\$1,147	\$1,252	\$1,250
<b>RURAL FARM</b>												
Total persons	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income	85.3	87.0	86.7	86.4	87.3	87.3	27.6	28.0	31.0	27.7	33.3	32.9
Percent without income	14.7	13.0	13.3	13.6	12.7	12.7	72.4	72.0	69.0	72.3	66.7	67.1
Median income for persons with income <sup>1</sup>	\$904	\$1,054	\$1,328	\$1,481	\$1,481	\$1,394	\$431	\$392	\$417	\$440	\$449	\$482

<sup>1</sup> For definition of median, see headnote, table 18, p. 25.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 16.



**No. 362.—PERSONS WITH WAGE OR SALARY INCOME—PERCENT DISTRIBUTION BY WAGE OR SALARY INCOME, BY SEX: 1939, 1952, AND 1953**

[Persons 14 years old and over. Based on sample. See Sampling Note, p. 183]

WAGE OR SALARY INCOME	BOTH SEXES			MALE			FEMALE		
	1939	1952	1953	1939	1952	1953	1939	1952	1953
Percent of those with wage or salary income.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
\$1 to \$999.....	60.0	23.5	23.8	52.8	14.1	14.8	79.0	41.3	40.2
\$1,000 to \$1,999.....	29.2	16.1	14.6	33.4	12.4	10.5	18.1	23.0	21.9
\$2,000 to \$2,499.....	5.3	10.4	9.5	6.8	8.8	7.8	1.6	13.4	12.6
\$2,500 to \$2,999.....	2.0	9.2	8.4	2.6	9.2	8.0	0.5	9.3	9.2
\$3,000 to \$4,999.....	2.4	30.5	30.6	3.1	40.2	39.3	0.6	12.0	14.9
\$5,000 and over.....	1.0	10.3	13.1	1.4	15.3	19.7	0.1	1.0	1.3
Median wage or salary income <sup>1</sup> .....	\$789	\$2,502	\$2,625	\$939	\$3,201	\$3,387	\$555	\$1,398	\$1,434

<sup>1</sup> For definition of median, see headnote, table 18, p. 25.

**No. 363.—MEDIAN WAGE OR SALARY INCOME OF PERSONS WITH WAGE OR SALARY INCOME, BY COLOR, MAJOR INDUSTRY GROUP, AND MAJOR OCCUPATION GROUP, BY SEX: 1939 AND 1953**

[Persons 14 years old and over. Based on sample. See Sampling Note, p. 183. Wage or salary income includes all money received in compensation for work or services performed as employees including commissions, tips, piece-rate payments, bonuses, Armed Forces pay, etc., as well as receipts commonly referred to as wages or salaries. Excludes value of income in kind, such as living quarters, meals, clothing, etc. Median wage or salary income based on number of persons reporting \$1 or more of wage or salary income, except where otherwise specified. For definition of median, see headnote, table 18, p. 25]

COLOR AND MAJOR INDUSTRY OR OCCUPATION GROUP	BOTH SEXES		MALE		FEMALE	
	1939 <sup>1</sup>	1953	1939 <sup>1</sup>	1953	1939 <sup>1</sup>	1953
<b>COLOR <sup>2</sup></b>						
White.....	\$956	\$3,171	\$1,112	\$3,760	\$676	\$2,049
Nonwhite.....	364	1,709	460	2,233	246	994
<b>MAJOR INDUSTRY GROUP <sup>2</sup></b>						
Agriculture, forestry, and fisheries.....	292	972	301	1,082	154	( <sup>3</sup> )
Mining.....	957	3,732	956	3,730	1,077	( <sup>3</sup> )
Construction.....	777	3,231	777	3,248	804	( <sup>3</sup> )
Manufacturing.....	988	3,388	1,141	3,920	646	2,178
Transportation, communication, and other public utilities.....	1,365	3,575	1,425	3,778	1,068	2,606
Wholesale trade.....	1,215	3,282	1,326	3,596	828	2,144
Retail trade.....	793	2,177	969	3,052	599	1,396
Finance, insurance, and real estate.....	1,257	3,024	1,487	4,207	977	2,268
Business and repair services.....	971	3,055	995	3,191	838	( <sup>3</sup> )
Personal services.....	360	909	738	2,082	292	772
Entertainment and recreation services.....	814	2,411	888	( <sup>3</sup> )	639	( <sup>3</sup> )
Professional and related services.....	995	2,505	1,235	3,267	896	2,200
Public administration.....	1,492	3,691	1,625	4,056	1,233	3,018
<b>MAJOR OCCUPATION GROUP <sup>4</sup></b>						
Professional, technical, and kindred workers.....	1,373	3,788	1,809	4,816	1,023	2,929
Farmers and farm managers.....	372	489	373	493	348	( <sup>3</sup> )
Managers, officials, and proprietors, except farm.....	2,030	4,684	2,136	5,071	1,107	2,548
Clerical and kindred workers.....	1,152	2,849	1,421	3,766	966	2,420
Sales workers.....	1,032	2,553	1,277	3,716	636	1,158
Craftsmen, foremen, and kindred workers.....	1,298	4,117	1,309	4,156	827	( <sup>3</sup> )
Operatives and kindred workers.....	850	2,921	1,007	3,415	582	1,901
Private household workers.....	304	557	429	( <sup>3</sup> )	296	554
Service workers, except private household.....	693	1,970	833	2,806	493	1,223
Farm laborers and foremen.....	305	728	309	817	176	( <sup>3</sup> )
Laborers, except farm and mine.....	667	2,386	673	2,406	538	( <sup>3</sup> )

<sup>1</sup> Excludes public emergency workers.

<sup>2</sup> Data refer to persons who were employed as wage and salary workers during survey week.

<sup>3</sup> Fewer than 100 cases in the sample reporting with wage or salary income.

<sup>4</sup> Data refer to persons who were in the experienced civilian labor force during survey week. 1939 data include members of Armed Forces, but exclude persons with less than \$100 of wage or salary income.

Source of tables 362 and 363: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 16.

**No. 364.—MONEY INCOME OF PERSONS—PERCENT DISTRIBUTION OF RECIPIENTS BY INCOME LEVEL IN 1953, BY MAJOR OCCUPATION GROUPS IN APRIL 1954, AND SEX**

[Persons 14 years old and over. Based on sample. See Sampling Note, p. 183]

EMPLOYED AS CIVILIANS IN APRIL 1954										
TOTAL MONEY INCOME AND SEX	Total	Total em- ployed civilians	Professional, technical, and kindred workers			Farm- ers and farm man- agers	Managers, officials, and proprietors, exc. farm			Clerical and kindred workers
			Total	Self- em- ployed <sup>1</sup>	Sala- ried		Total	Self- em- ployed <sup>1</sup>	Sala- ried	
MALE										
Number of persons										
thousands..	54, 416	41, 994	3, 463	672	2, 791	3, 800	5, 085	2, 870	2, 215	2, 772
Number of persons with in- come.....thousands..	49, 667	41, 107	3, 410	672	2, 738	3, 737	5, 048	2, 841	2, 207	2, 741
Percent of those with income.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Loss.....	1.1	1.2	0.2	0.6	0.1	8.7	2.3	3.7	0.8	2.0
\$1 to \$499.....	8.7	5.5	0.6	1.2	0.5	18.9	2.3	3.9	0.5	2.0
\$500 to \$999.....	8.3	5.0	2.8	1.8	2.9	13.7	2.4	3.7	1.0	2.1
\$1,000 to \$1,499.....	6.4	5.0	3.2	2.4	3.4	11.7	2.1	3.7	0.1	4.0
\$1,500 to \$1,999.....	6.0	5.2	2.4	1.5	2.5	8.9	3.0	4.0	1.9	2.5
\$2,000 to \$2,499.....	7.6	7.7	3.8	5.4	3.5	9.7	4.2	6.4	1.7	5.7
\$2,500 to \$2,999.....	7.4	8.0	3.5	4.2	3.4	6.0	5.3	7.4	2.8	7.6
\$3,000 to \$3,499.....	10.1	11.4	6.9	7.3	6.9	4.4	8.4	10.4	6.2	13.5
\$3,500 to \$3,999.....	9.2	10.4	8.5	5.7	9.0	2.8	8.4	8.2	8.7	15.8
\$4,000 to \$4,499.....	8.7	10.0	8.9	3.3	9.8	3.1	7.5	6.3	8.8	18.4
\$4,500 to \$4,999.....	6.1	7.2	8.0	5.7	8.3	2.0	6.7	5.0	8.6	10.5
\$5,000 to \$5,999.....	9.5	11.0	18.0	10.0	19.4	3.4	15.1	11.1	19.7	10.2
\$6,000 to \$6,999.....	4.3	4.9	11.4	11.5	11.4	2.1	8.9	6.4	11.7	3.7
\$7,000 to \$9,999.....	4.2	4.8	12.7	13.9	12.5	2.7	11.9	9.8	14.4	2.6
\$10,000 to \$14,999.....	1.5	1.8	5.4	12.4	4.2	1.3	7.5	6.5	8.6	1.1
\$15,000 to \$24,999.....	0.5	0.6	2.9	8.8	1.9	0.6	2.2	1.7	2.7	0.2
\$25,000 and over.....	0.3	0.3	0.8	4.2	0.3	0.1	1.8	1.9	1.7	-----
Median income <sup>2</sup> .....	\$3, 223	\$3, 548	\$5, 067	\$ 6, 078	\$4, 982	\$1, 372	\$4, 806	\$3, 915	\$5, 452	\$3, 892
FEMALE										
Number of persons										
thousands..	58, 975	18, 604	2, 226	97	2, 129	105	963	591	372	5, 122
Number of persons with in- come.....thousands..	27, 379	16, 230	2, 078	92	1, 986	90	804	446	358	4, 725
Percent of those with income.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Loss.....	0.4	0.3	0.1	(3)	-----	(3)	4.3	7.7	-----	0.1
\$1 to \$499.....	26.3	13.5	8.5	(3)	7.7	(3)	13.3	18.4	6.8	6.1
\$500 to \$999.....	19.5	13.9	10.3	(3)	10.4	(3)	7.7	9.4	5.5	8.3
\$1,000 to \$1,499.....	11.3	11.7	5.9	(3)	5.8	(3)	9.7	14.4	3.8	7.3
\$1,500 to \$1,999.....	10.1	12.6	5.8	(3)	5.7	(3)	10.9	10.0	11.9	10.4
\$2,000 to \$2,499.....	10.7	14.9	10.8	(3)	11.0	(3)	12.4	10.4	14.9	18.6
\$2,500 to \$2,999.....	7.4	11.3	10.4	(3)	10.6	(3)	12.9	12.4	13.6	18.4
\$3,000 to \$3,499.....	6.5	10.1	17.8	(3)	18.3	(3)	7.1	3.0	12.3	16.5
\$3,500 to \$3,999.....	3.4	5.6	10.0	(3)	10.4	(3)	7.7	3.0	13.6	8.5
\$4,000 to \$4,499.....	1.7	2.7	8.0	(3)	8.3	(3)	4.3	3.0	6.0	3.2
\$4,500 to \$4,999.....	0.6	0.9	3.2	(3)	3.3	(3)	1.7	0.7	3.0	0.9
\$5,000 to \$5,999.....	1.0	1.4	5.9	(3)	6.1	(3)	3.4	3.0	3.8	1.1
\$6,000 to \$6,999.....	0.3	0.4	1.4	(3)	1.5	(3)	1.3	-----	3.0	0.4
\$7,000 to \$9,999.....	0.2	0.2	0.7	(3)	0.6	(3)	1.9	3.3	-----	0.2
\$10,000 to \$14,999.....	0.2	0.2	0.5	(3)	0.5	(3)	1.1	0.7	1.7	0.1
\$15,000 to \$24,999.....	0.1	0.1	0.5	(3)	-----	(3)	-----	-----	-----	0.1
\$25,000 and over.....	0.1	0.1	0.1	(3)	-----	(3)	0.4	0.7	-----	-----
Median income <sup>2</sup> .....	\$1, 168	\$1, 921	\$2, 913	(3)	\$2, 943	(3)	\$2, 165	\$1, 505	\$2, 761	\$2, 478

For footnotes, see p. 305.



No. 364.—MONEY INCOME OF PERSONS—PERCENT DISTRIBUTION OF RECIPIENTS BY INCOME LEVEL IN 1953, BY MAJOR OCCUPATION GROUPS IN APRIL 1954, AND SEX—Continued

TOTAL MONEY INCOME AND SEX	EMPLOYED AS CIVILIANS IN APRIL 1954—Continued							Unem- ployed in April 1954	In Armed Forces or not in labor force in April 1954
	Sales workers	Crafts- men, fore- men, and kindred workers	Opera- tives and kindred workers	Private house- hold workers	Service work- ers, except private house- hold	Farm labor- ers and foremen	Labor- ers, except farm and mine		
MALE									
Number of persons... thousands...	2,482	7,979	8,901	58	2,738	1,397	3,319	2,343	10,079
Number of persons with income ... thousands...	2,430	7,924	8,819	55	2,642	1,051	3,250	2,220	6,340
Percent of those with income...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Loss .....	0.4	0.1	0.1	(3)	-----	0.7	0.1	0.3	0.7
\$1 to \$499 .....	9.3	0.8	2.9	(3)	5.4	36.7	7.0	11.2	27.7
\$500 to \$999 .....	4.3	1.5	3.5	(3)	6.4	19.1	9.6	13.7	27.1
\$1,000 to \$1,499 .....	3.3	2.7	4.3	(3)	5.2	16.8	8.7	11.4	13.5
\$1,500 to \$1,999 .....	4.3	3.3	5.5	(3)	9.6	7.7	9.0	11.5	8.5
\$2,000 to \$2,499 .....	5.2	5.3	9.0	(3)	13.7	5.5	14.6	12.3	5.6
\$2,500 to \$2,999 .....	8.5	7.2	10.2	(3)	10.7	6.0	12.7	8.8	3.1
\$3,000 to \$3,499 .....	10.0	11.4	14.2	(3)	17.8	4.0	16.1	8.0	3.1
\$3,500 to \$3,999 .....	9.3	12.0	14.3	(3)	10.3	1.3	9.3	7.4	2.1
\$4,000 to \$4,499 .....	8.1	14.0	12.3	(3)	8.7	0.9	5.7	5.7	1.7
\$4,500 to \$4,999 .....	7.5	10.4	8.5	(3)	5.4	0.9	2.7	1.7	1.0
\$5,000 to \$5,999 .....	11.0	17.9	10.3	(3)	4.1	0.3	3.5	3.6	2.2
\$6,000 to \$6,999 .....	7.6	6.9	2.8	(3)	1.6	-----	0.5	3.3	1.2
\$7,000 to \$9,999 .....	6.9	6.1	1.8	(3)	1.0	-----	0.6	0.8	1.3
\$10,000 to \$14,999 .....	3.2	0.5	0.2	(3)	-----	-----	-----	-----	0.6
\$15,000 to \$24,999 .....	0.8	-----	-----	(3)	-----	-----	-----	0.1	0.4
\$25,000 and over .....	-----	-----	-----	(3)	-----	-----	-----	0.1	0.3
Median income <sup>2</sup> .....	\$3,753	\$4,204	\$3,510	(3)	\$2,953	\$830	\$2,539	\$2,077	\$899
FEMALE									
Number of persons... thousands...	1,475	269	3,462	1,770	2,491	614	107	1,121	39,250
Number of persons with income ... thousands...	1,149	253	3,211	1,547	2,155	123	95	891	10,258
Percent of those with income...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Loss .....	-----	(3)	-----	-----	0.1	(3)	(3)	0.7	0.6
\$1 to \$499 .....	27.0	(3)	5.7	41.0	16.1	(3)	(3)	24.6	45.3
\$500 to \$999 .....	13.7	(3)	11.1	33.1	21.4	(3)	(3)	23.5	27.6
\$1,000 to \$1,499 .....	14.1	(3)	14.6	14.0	20.2	(3)	(3)	16.0	10.2
\$1,500 to \$1,999 .....	15.4	(3)	19.9	7.0	15.8	(3)	(3)	6.4	6.8
\$2,000 to \$2,499 .....	17.9	(3)	19.6	2.9	12.9	(3)	(3)	12.0	4.5
\$2,500 to \$2,999 .....	6.5	(3)	12.1	1.9	6.9	(3)	(3)	7.8	1.6
\$3,000 to \$3,499 .....	2.6	(3)	8.6	0.2	4.4	(3)	(3)	4.6	1.2
\$3,500 to \$3,999 .....	2.0	(3)	5.4	-----	1.2	(3)	(3)	1.0	0.4
\$4,000 to \$4,499 .....	-----	(3)	2.0	-----	0.3	(3)	(3)	0.7	0.4
\$4,500 to \$4,999 .....	0.2	(3)	0.5	-----	0.3	(3)	(3)	0.9	0.2
\$5,000 to \$5,999 .....	0.6	(3)	0.5	-----	-----	(3)	(3)	0.9	0.5
\$6,000 to \$6,999 .....	-----	(3)	-----	-----	0.3	(3)	(3)	0.7	0.1
\$7,000 to \$9,999 .....	-----	(3)	-----	-----	-----	(3)	(3)	-----	0.2
\$10,000 to \$14,999 .....	-----	(3)	-----	-----	0.1	(3)	(3)	-----	0.2
\$15,000 to \$24,999 .....	-----	(3)	-----	-----	-----	(3)	(3)	-----	-----
\$25,000 and over .....	-----	(3)	-----	-----	-----	(3)	(3)	-----	0.1
Median income <sup>2</sup> .....	\$1,330	(3)	\$1,967	\$636	\$1,307	(3)	(3)	\$1,038	\$574

<sup>1</sup> Includes a very small number of unpaid family workers.

<sup>2</sup> Based on number of persons with income. For definition of median, see headnote, table 18, p. 25.

<sup>3</sup> Fewer than 100 cases in sample reporting with income.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 16.

**No. 365.—EXPERIENCED CIVILIAN LABOR FORCE WITH WAGE OR SALARY INCOME AND THEIR AGGREGATE WAGE OR SALARY INCOME (BEFORE TAXES)—PERCENT DISTRIBUTION BY MAJOR OCCUPATION GROUP, BY SEX: 1939 AND 1952**

[Based on sample. See Sampling Note, p. 183, and see source for explanation of method of estimating aggregate income]

MAJOR OCCUPATION GROUP	MALE				FEMALE			
	1939		1952		1939		1952	
	In- come recipi- ents	Wage or sal- ary in- come	In- come recipi- ents	Wage or sal- ary in- come	In- come recipi- ents	Wage or sal- ary in- come	In- come recipi- ents	Wage or sal- ary in- come
<b>Total experienced civilian labor force<sup>1</sup></b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Professional, technical, and kindred workers	(2)	(2)	(2)	(2)	13.6	21.7	10.6	15.5
Clerical and kindred workers	8.7	10.5	7.1	7.0	25.5	33.7	29.7	35.8
Sales workers	7.3	9.1	5.1	5.6	6.9	6.0	7.1	4.7
Craftsmen, foremen, and kindred workers	18.2	19.3	23.5	25.9	1.1	1.3	1.6	2.0
Operatives and kindred workers	24.3	20.0	25.8	23.2	21.9	17.2	24.2	25.0
Private household workers	(2)	(2)	(2)	(2)	16.7	7.7	10.4	3.5
Service workers, exc. private household	8.0	6.0	7.9	5.5	10.6	7.6	13.1	9.4
Laborers, except farm and mine	12.7	7.3	10.3	6.6	1.1	0.8	0.4	0.3
Other occupations <sup>2</sup>	20.8	27.8	20.2	26.2	2.6	3.9	2.8	3.8

<sup>1</sup> Base of distribution of income recipients is 35.0 million males and 15.3 million females for 1952 and 27.0 million males and 9.2 million females for 1939. 1952 data relate to persons having \$1 or more of wage or salary income; 1939 data relate to persons having \$100 or more of wage or salary income. 1939 excludes public emergency workers, but includes members of Armed Forces.

<sup>2</sup> Included in other occupations.

<sup>3</sup> Includes a relatively large proportion of workers not primarily dependent upon wage or salary income. See also footnote 2.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 14.

**No. 366.—AGGREGATE WAGE OR SALARY INCOME (BEFORE TAXES) RECEIVED BY THE EXPERIENCED CIVILIAN LABOR FORCE—PERCENT DISTRIBUTION BY INCOME LEVEL OF RECIPIENTS, BY SEX: 1939 AND 1952**

[Based on sample. See Sampling Note, p.183, and see source for explanation of method of estimating aggregate income]

SEX AND MAJOR OCCUPATION GROUP	1939					1952				
	Lowest fifth	Second fifth	Middle fifth	Fourth fifth	High- est fifth	Lowest fifth	Second fifth	Middle fifth	Fourth fifth	High- est fifth
<b>MALE</b>										
Clerical and kindred workers	6.7	13.6	17.7	24.0	38.0	7.9	16.9	20.1	23.3	31.8
Sales workers	5.0	10.6	15.5	22.1	46.8	3.8	13.8	18.6	24.4	39.4
Craftsmen, foremen, and kindred workers	6.6	13.3	18.8	24.2	37.1	9.0	16.0	19.6	23.3	32.1
Operatives and kindred workers	6.5	13.0	18.4	24.7	37.4	7.1	15.7	20.3	24.7	32.2
Service workers, except private household	5.5	11.5	16.5	24.1	42.4	5.1	12.7	19.8	25.2	37.2
Laborers, except farm and mine	6.3	11.6	17.4	25.8	38.9	4.6	13.6	20.1	26.2	35.5
<b>FEMALE</b>										
Professional, technical, and kindred workers	5.9	12.2	16.5	23.8	41.6	4.4	13.3	20.0	25.8	36.5
Clerical and kindred workers	7.3	14.9	19.1	23.8	34.9	6.2	15.5	20.5	25.5	32.3
Sales workers	6.6	13.1	19.4	23.6	37.3	4.1	8.9	17.2	27.6	42.2
Operatives and kindred workers	8.2	14.1	19.3	23.8	34.6	5.9	15.3	20.2	24.9	33.8
Private household work- ers	8.5	12.2	17.1	22.7	39.5	8.2	8.2	10.0	24.7	48.9
Service workers, except private household	7.6	11.3	18.2	24.5	38.4	3.8	11.4	17.5	24.9	42.4

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 14.



**No. 367.—NET WORTH OF SPENDING UNITS HAVING SPECIFIED CHARACTERISTICS—  
PERCENT DISTRIBUTION OF SPENDING UNITS BY NET WORTH IN 1950 AND 1953,  
AND MEDIAN NET WORTH IN 1953**

[Net worth is defined as difference between total selected assets and total debt reported in interviews during January–March 1950 and 1953. Selected assets include liquid assets (U. S. Government securities, checking accounts, savings accounts in banks, postal savings, and shares in savings and loan associations and credit unions), owner-occupied homes and farms, other real estate, farm machinery, crops and livestock, automobiles, interests in unincorporated nonfarm businesses and privately held corporations, and common and preferred stock in corporations open to investment by the general public. Liabilities include all forms of debt other than charge accounts. For method of computing net worth, see *Federal Reserve Bulletin*, September 1953, pp. 946–947. Net worth figures should be considered as minimum estimates because of omission of assets such as currency, corporate bonds, reserve value of life insurance policies, consumer durable goods other than automobiles, jewelry, etc., and because of under-reporting of assets covered]

GROUP CHARACTERISTIC	Number of cases		PERCENT DISTRIBUTION BY AMOUNT OF NET WORTH												Median net worth 1953
			Negative		\$0-\$999		\$1,000-\$4,999		\$5,000-\$24,999		\$25,000 and over		Not ascertained 1950		
	1953	1950	1953	1950	1953	1950	1953	1950	1953	1950	1953	1950			
All spending units <sup>1</sup> .....	3,097	3,512	11	8	20	27	23	23	35	32	11	8	2	\$4,100	
Money income before taxes: <sup>2</sup>															
Under \$1,000 .....	290	479	12	8	36	43	17	20	30	24	5	3	2	1,500	
\$1,000-\$1,999 .....	379	604	16	12	34	42	17	18	28	23	5	2	3	1,000	
\$2,000-\$2,999 .....	458	672	19	10	27	30	23	28	25	26	6	4	2	1,200	
\$3,000-\$3,999 .....	511	615	13	8	20	21	29	29	33	36	5	5	1	2,700	
\$4,000-\$4,999 .....	456	397	10	6	12	16	31	28	40	43	7	5	2	4,400	
\$5,000-\$7,499 .....	603	437	4	3	5	5	26	23	52	51	13	14	4	7,600	
\$7,500 and over .....	400	269	2	(3)	2	1	6	6	39	35	51	55	3	25,900	
Occupation:															
Professional and semi-professional .....	301	287	6	7	15	17	24	31	39	34	16	10	1	6,300	
Managerial .....	191	466	{ 6 } 2	{ 6 } 4	{ 5 }	{ 26 } 9	{ 15 }	{ 45 } 43	{ 48 }	{ 17 } 42	{ 22 }	{ 8 }	{ 17,000 }		
Self-employed .....	268														
Clerical and sales .....	408	486	8	6	23	33	31	28	33	28	5	4	1	2,900	
Skilled and semiskilled .....	837	895	13	10	21	31	27	28	36	29	3	1	1	2,700	
Unskilled and service .....	328	344	27	17	30	37	23	26	19	19	1	(3)	1	400	
Farm operators .....	231	410	6	3	11	12	10	19	41	40	32	22	4	13,500	
Retired .....	209	180	3	1	23	27	18	9	40	44	16	19	(3)	6,000	
Age:															
18-24 .....	267	342	20	14	53	59	22	19	4	5	1	1	2	300	
25-34 .....	684	779	15	13	20	31	33	33	28	19	4	2	2	2,100	
35-44 .....	667	777	14	8	11	23	26	25	40	34	9	7	3	4,500	
45-54 .....	579	670	7	5	15	16	16	23	44	43	18	11	2	8,200	
55-64 .....	410	495	7	5	13	17	17	16	45	46	18	13	3	8,600	
65 and over .....	417	419	3	1	21	26	15	15	42	42	19	14	2	8,400	
Family status:															
Single person:															
Age 18-44 .....	369	(4)	14	(4)	41	(4)	30	(4)	12	(4)	3	(4)	(4)	(4)	
Age 45 and over .....	263	(4)	7	(4)	24	(4)	18	(4)	39	(4)	12	(4)	(4)	(4)	
Married: <sup>3</sup>															
Age 18-44, no children under 18 .....	234	(4)	11	(4)	18	(4)	31	(4)	33	(4)	7	(4)	(4)	(4)	
Age 18-44, children under 18 .....	905	(4)	16	(4)	16	(4)	26	(4)	36	(4)	6	(4)	(4)	(4)	
Age 45 and over, no children under 18 .....	649	(4)	4	(4)	12	(4)	15	(4)	46	(4)	23	(4)	(4)	(4)	
Age 45 and over, children under 18 .....	324	(4)	8	(4)	12	(4)	16	(4)	46	(4)	18	(4)	(4)	(4)	

<sup>1</sup> Total includes spending units not reporting all characteristics, as well as those having no occupation.

<sup>2</sup> In year prior to year specified.

<sup>3</sup> No cases reported or less than one-half of 1 percent.

<sup>4</sup> Data not available.

<sup>5</sup> Age refers to head of spending unit.

Source: Board of Governors of the Federal Reserve System. Based on 1950 and 1953 Surveys of Consumer Finances, conducted by Board of Governors of Federal Reserve System in cooperation with Survey Research Center of University of Michigan.

# No. 368.—ESTIMATES OF NATIONAL WEALTH, BY TYPE OF ASSET, IN CURRENT DOLLARS: 1900 TO 1952

[In billions of dollars. Data should be regarded as approximative only. Consult source for methods and sources used to derive these estimates. See text, p. 283]

YEAR	National wealth, total	REPRODUCIBLE TANGIBLE ASSETS									
		Total	Structures <sup>1</sup>							Equipment <sup>1</sup>	
			Total	Nonfarm		Mining (under-ground)	Farm	Institutional	Government	Producer durables	Consumer durables
				Residential	Nonresidential						
1900-----	87.7	59.1	35.0	15.7	12.5	0.4	3.3	1.1	2.0	6.5	6.0
1905-----	117.1	76.5	45.6	19.2	16.8	0.6	4.2	1.5	3.3	9.0	8.3
1910-----	152.0	99.6	57.7	23.8	20.9	0.8	5.3	1.9	5.0	12.6	11.3
1915-----	191.8	126.9	72.3	29.1	25.4	1.2	6.7	2.3	7.7	17.1	15.3
1920-----	374.4	264.6	149.1	60.4	48.9	3.5	15.3	4.5	16.4	37.3	36.1
1925-----	384.2	272.9	161.4	72.6	48.7	3.9	12.5	4.7	19.0	33.8	35.8
1930-----	410.1	293.4	182.4	85.1	53.1	3.9	11.1	5.5	23.8	36.7	38.0
1935-----	344.9	256.1	163.7	70.2	47.7	3.8	8.9	4.8	28.5	29.3	25.9
1940-----	424.2	331.2	200.2	92.5	51.0	5.1	9.6	5.5	36.5	37.0	36.5
1945-----	570.6	441.5	265.1	124.6	59.8	7.8	15.7	6.4	50.7	50.3	51.0
1949-----	898.2	720.7	408.4	195.1	90.2	12.8	26.2	9.9	74.2	104.2	99.3
1952 <sup>2</sup> -----	-----	968.4	535.0	247.7	123.1	17.4	35.1	13.6	98.1	152.6	141.5

YEAR	REPRODUCIBLE TANGIBLE ASSETS—CON.					LAND <sup>4</sup>				Net foreign assets
	Inventories <sup>3</sup>				Monetary gold and silver	Private			Public	
	Private			Public		Farm	Forests	Other		
	Live-stock	Crop	Nonfarm							
1900-----	3.1	1.4	5.4	0.0	1.6	14.5	1.5	10.9	4.0	-2.3
1905-----	3.7	1.8	6.0	0.0	2.1	22.2	1.6	13.6	5.2	-2.0
1910-----	5.3	2.4	8.0	0.0	2.4	29.5	1.9	16.3	6.8	-2.1
1915-----	6.4	2.9	10.0	0.0	3.0	34.8	2.4	19.4	8.6	-0.3
1920-----	6.4	4.2	28.1	0.2	3.2	50.0	4.0	36.9	12.5	6.3
1925-----	5.4	3.4	28.1	0.1	4.9	37.1	3.2	47.4	13.9	9.7
1930-----	4.9	2.2	24.1	0.1	5.1	31.9	2.7	54.2	15.2	12.6
1935-----	5.2	2.0	18.4	0.3	11.3	23.9	2.6	40.0	16.1	6.1
1940-----	5.4	2.3	24.4	1.4	24.1	23.9	3.0	47.3	18.0	0.8
1945-----	9.7	5.6	34.1	2.7	22.9	44.5	3.6	56.0	24.0	1.1
1949-----	13.2	6.0	58.1	3.8	27.7	54.2	4.3	71.5	30.0	17.6
1952 <sup>2</sup> -----	14.9	7.7	84.0	6.0	26.7	-----	-----	-----	-----	17.2

<sup>1</sup> Estimates obtained by multiplying the constant dollar figures shown in table 369 by the appropriate price index for current year. See also footnote 1 in that table.

<sup>2</sup> Preliminary unpublished estimates by R. W. Goldsmith.

<sup>3</sup> Estimates are based on book values.

<sup>4</sup> Estimates for farm land are based on Census or similar data. For other private land, estimates are derived by application of rough ratios of land to structure values for different types of real estate.

Source: R. W. Goldsmith, *A Study of Saving in the United States*, Princeton University Press, 1955, Vol. III.



**NO. 369.—ESTIMATES OF NATIONAL REPRODUCIBLE TANGIBLE ASSETS AND NET FOREIGN ASSETS, IN CONSTANT DOLLARS (1929 PRICES): 1900 TO 1952**

[In billions of dollars. Data should be regarded as approximative only. Consult source for methods and sources used to derive these estimates. See text, p. 233]

YEAR	REPRODUCIBLE TANGIBLE ASSETS							
	Total	Structures <sup>1</sup>						
		Total	Nonfarm		Mining (under-ground)	Farm	Institutional	Government
			Residential	Nonresidential				
1900.....	122.6	73.0	33.1	24.9	0.8	6.8	2.3	5.1
1905.....	146.2	87.5	37.3	31.0	1.1	7.9	2.9	7.2
1910.....	175.8	106.1	45.0	37.2	1.5	8.9	3.5	10.0
1915.....	202.6	123.8	52.7	41.6	2.0	10.2	4.0	13.3
1920.....	230.2	133.6	56.5	43.7	3.1	12.1	4.2	14.0
1925.....	273.3	163.0	75.1	48.8	3.8	12.2	4.8	18.3
1930.....	322.7	197.2	90.7	58.2	4.3	12.3	5.8	25.8
1935.....	297.1	189.5	85.1	52.9	4.1	10.8	5.4	31.2
1940.....	329.6	193.6	87.6	49.2	4.7	10.4	5.0	36.7
1945.....	331.5	185.3	84.0	44.5	5.2	10.1	4.4	37.2
1949.....	405.8	202.5	93.0	48.3	6.1	12.0	4.8	38.3
1952 <sup>2</sup> .....	475.7	222.7	102.8	50.5	7.2	13.6	5.6	43.0

YEAR	REPRODUCIBLE TANGIBLE ASSETS—continued							Net foreign assets
	Equipment <sup>1</sup>		Inventories <sup>3</sup>				Monetary gold and silver	
	Producer durables	Consumer durables	Private			Public		
			Livestock	Crop	Nonfarm			
1900.....	13.5	16.6	6.4	2.6	9.2	0.0	1.3	-4.7
1905.....	18.2	19.9	6.7	3.0	9.3	0.0	1.7	-3.8
1910.....	23.1	23.7	6.6	3.2	11.2	0.0	1.9	-3.5
1915.....	26.5	25.8	7.2	3.6	13.1	0.0	2.5	-0.5
1920.....	32.4	28.2	7.2	4.1	21.5	0.2	3.1	5.1
1925.....	34.7	35.4	6.5	3.3	25.9	0.1	4.5	9.4
1930.....	39.6	43.9	6.6	2.8	28.2	0.1	4.5	13.1
1935.....	32.2	37.6	6.4	3.0	21.6	0.4	6.4	7.5
1940.....	36.2	47.0	6.7	3.4	27.2	2.0	13.4	0.9
1945.....	42.6	46.9	7.2	3.9	30.8	2.1	12.7	0.8
1949.....	64.3	72.8	6.6	3.9	37.5	2.4	15.8	11.7
1952 <sup>2</sup> .....	81.6	92.6	7.1	4.3	48.3	3.6	15.5	14.1

<sup>1</sup> Estimates derived by "perpetual inventory" method which is intended to reflect reproduction cost of different types of assets. Estimates are obtained by: (1) Reducing each year's gross capital expenditures in current prices to 1929 price level by means of appropriate construction cost or wholesale price indices; (2) depreciating gross capital expenditures in accordance with an assumed length of life for different types of assets, thus obtaining net capital expenditures for each year in 1929 prices; (3) cumulating net capital expenditures for as many years backwards as corresponds to the assumed length of life of the type of asset involved.

<sup>2</sup> Preliminary unpublished estimates by R. W. Goldsmith.

<sup>3</sup> Estimates reflect book values reduced by means of wholesale price indices.

Source: R. W. Goldsmith, *A Study of Saving in the United States*, Princeton University Press, 1955, Vol. III.

FIG. XXIII.—WHOLESALE PRICE INDEXES: 1926 TO 1954

[1947-49=100. Prices in primary markets. See tables 370 and 371]

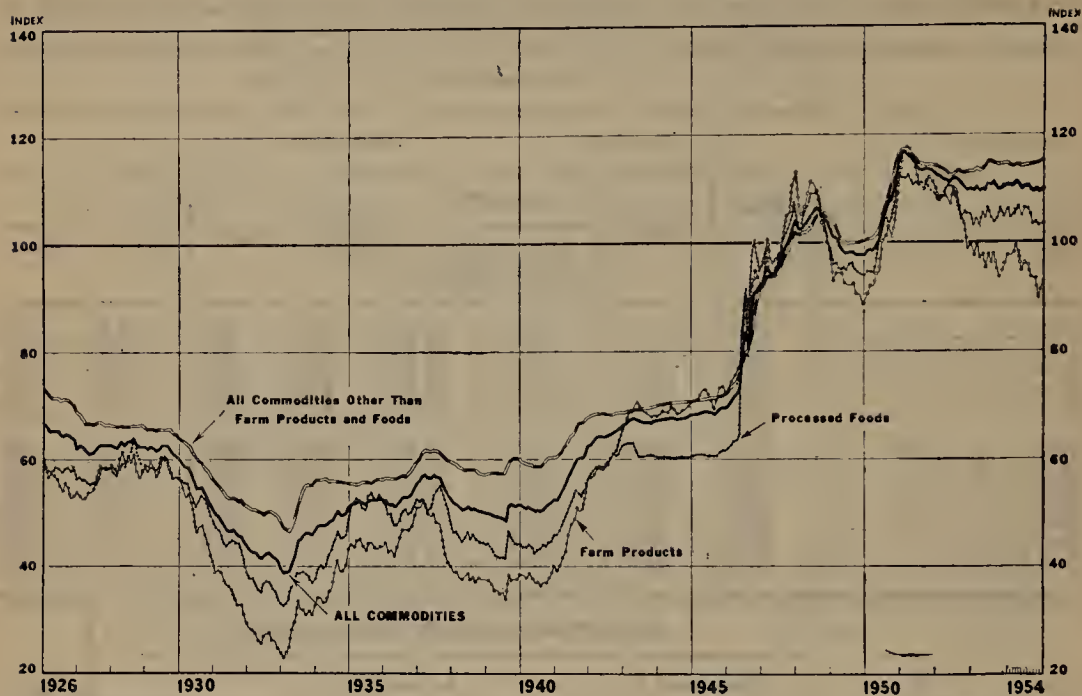
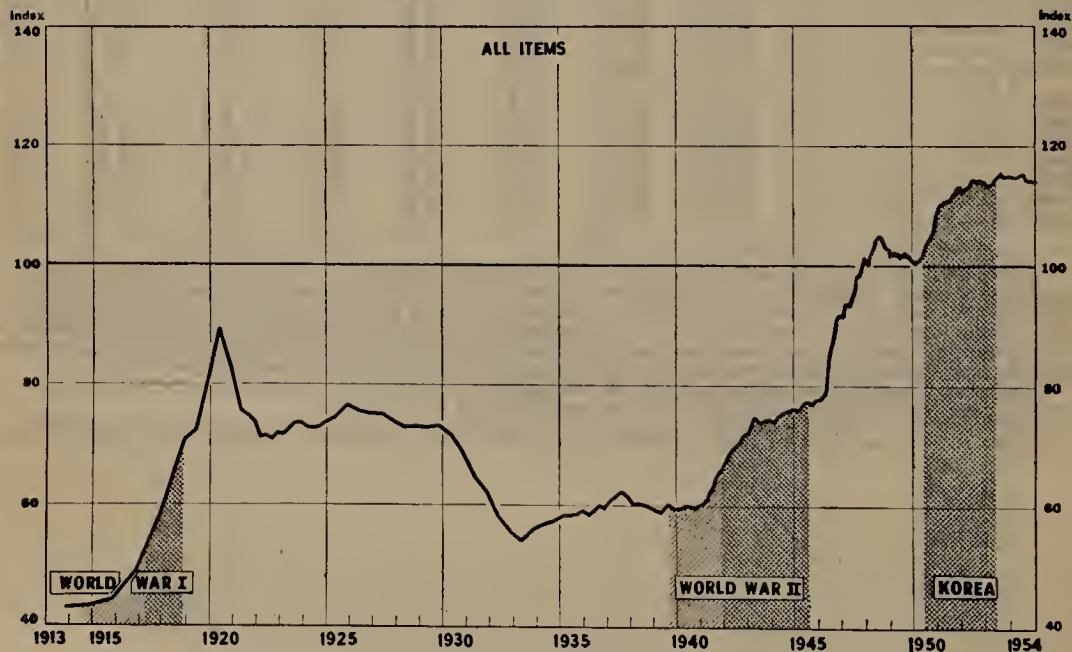


FIG. XXIV.—CONSUMER PRICE INDEX: 1913 TO 1954

[1947-49=100. See table 376]



Source of figs. XXIII and XXIV: Department of Labor, Bureau of Labor Statistics.



## 12. Prices

This section presents indexes of wholesale, retail, and consumer prices. Average prices are also shown for selected commodities. The primary sources of these data are the publications of the Department of Labor, Bureau of Labor Statistics, which include: *Monthly Labor Review*; *Handbook of Labor Statistics*; *Consumer Price Index* (monthly); *Retail Prices and Indexes of Fuels and Electricity* (monthly); *Wholesale (and Primary Market) Price Index* (monthly); and *Wholesale Prices* (annually). The Agricultural Marketing Service prepares indexes of prices received and prices paid by farmers (see text, p. 624).

The indexes issued by the Bureau of Labor Statistics have been, since the beginning of the century, the major source of price statistics in summarized form. This agency prepares weekly and monthly indexes of wholesale prices, a daily index based on spot market prices of 22 commodities; and indexes of consumer prices for urban wage earner and clerical worker families for the United States, based on 46 cities, and individually for 20 large cities, as well as component indexes for food and other groups.

**Wholesale price index.**—Since 1902, the official monthly wholesale price index has been prepared as an indicator of price trends and average changes in commodity prices at primary market levels. The series on the base 1926=100 has been carried back to 1890; separate monthly indexes are available for major groups of commodities from January 1890, and for subgroups of commodities beginning with 1913. This index, based on 1926=100, is the official index for December 1951 and all earlier dates.

A revised index, based on 1947-49=100, is the official index for January 1952 and all subsequent months. Weights used represent all sales at the primary market level during the calendar year 1947. Moreover, the new index has expanded the number of commodities covered to 2,000 instead of the 900 measured by the earlier index. For a detailed description of the new index, see the *Monthly Labor Review*, February 1952.

The index measures average changes in prices of commodities at the primary market level—usually the level at which the commodity is first sold commercially in substantial volume. The prices are ordinarily those charged by representative manufacturers or producers to the types of distributors or industrial consumers who are characteristic buyers of the product. The prices are f. o. b. point of production or sale, if possible. In the case of some commodities, prices quoted in organized commodity markets are used.

The index measures the price changes of only the commodities which are specifically defined for pricing both physically and in terms of market structure. It is not a measure of the "general price level" or of "the purchasing power of the dollar" since it excludes some classes of commodities, i. e., real estate, securities, services, etc., which are factors in the "general price level."

**Consumer price index.**—This index measures the average change in prices of goods and services purchased by city wage earner and clerical worker families. The weights used in calculating the index are based on studies of actual expenditures by families of wage earners and clerical workers. The quantities and qualities of the items in the "market basket" remain the same between consecutive pricing periods, so that the index measures the effect of *price change only* on the cost of living of these families. The index does not measure changes in the total amount families spend for living; city indexes do not measure relative differences in prices or living costs between cities.

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Note.—This section presents data for the most recent year or period available on March 16, 1955, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

A study conducted during 1917-19 provided the weights used from 1913 to 1935. Since then, there have been three major revisions of this index, which involved bringing the "market basket" of goods and services up to date and improving the sample and methodology. From 1935 to January 1950, time-to-time changes in retail prices were weighted by 1934-36 average expenditures except for certain temporary wartime adjustments. Weights used from January 1950 to December 1952 represented estimated 1949-50 spending patterns. Beginning January 1953, the weights represent average purchases of urban wage earner and clerical worker families in the year 1952, derived from a study of family expenditures in 1950 by estimating the effects of changes in income and prices between 1950 and 1952.

The list of items currently priced for the index includes approximately 300 goods and services. Among these items are all the important goods and services that wage earners buy. For some items, a number of different qualities are priced. The items priced are described by detailed specifications to insure that as far as possible, the same quality is priced each time, and that differences in reported prices are measures of price change only. Sales taxes are reflected wherever applicable.

Beginning January 1953, prices are obtained in a sample of 46 cities representative of all cities in the United States. Foods, fuels, rents, and a few other items are priced monthly in all cities. Prices of most other goods and services are obtained on a regular rotating cycle—monthly in the 5 largest cities, every 3 months in 25 large and medium-size cities, and every 4 months in the 16 smallest cities. Estimates are made for unpriced cities each month. Prior to January 1953, indexes were based on food prices in 56 cities monthly, and prices of other commodities in 34 cities quarterly or monthly.

Price changes for the 46 cities are combined for the United States with weights based on 1950 population of cities represented by each sample city. City indexes are compiled for the 20 largest of the 46 cities.

Indexes currently computed on the 1947-49=100 base have been converted from previous indexes on the 1935-39=100 base, after regrouping into a new classification of components.

**Retail food price index.**—Retail food price indexes are one component of the consumer price index. Weights used at various times are consistent with those for the index as a whole. In March 1943, the weights for the food index were revised to take account of changes in food purchases due to wartime shortages and rationing. In January 1946, these wartime weight adjustments were eliminated and certain other revisions made in the calculating procedures. In January 1950 and again in January 1953 the weights were revised as described above for the total consumer price index.

The indexes were computed from prices of 54 foods for the period from January 1935 to March 1943, 61 foods for the period March 1943 to June 1947, 50 foods from June 1947 to January 1950, 60 foods from January 1950 to December 1952, and 90 foods beginning January 1953.

**Comparability with other indexes.**—The National Industrial Conference Board prepares a monthly Consumer Price Index based on 1953=100 (see table 378) for the United States and for selected cities. This index is not comparable with the Bureau of Labor Statistics index.

In comparing the movement of the indexes of consumer prices and of the prices paid by farmers for commodities bought for family living (table 781), it should be noted that the consumer price index includes rents and other services and the farm index does not, and that the list of commodities included in the two indexes and their geographic coverage differ because farm family buying differs considerably from that of city families, and farm and city workers are located in different parts of the country.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, Series L 41-47") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.



No. 370.—WHOLESALE PRICE INDEXES FOR ALL COMMODITIES, AND FOR ALL COMMODITIES OTHER THAN FARM PRODUCTS AND FOODS: 1926 TO 1954

[1947-49=100. This index is the official price index, beginning with January 1952. The official index for December 1951 and all earlier dates is that based on 1926=100, shown in tables 325 and 326 of the 1952 *Abstract*]

YEAR	Yearly average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL COMMODITIES													
1926.....	65.0	67.0	66.3	65.4	65.2	65.3	65.3	64.6	64.4	64.8	64.6	64.0	63.6
1927.....	62.0	62.0	62.7	62.3	61.6	61.1	61.2	61.3	61.9	62.6	62.8	62.6	62.6
1928.....	62.9	62.6	62.3	62.1	62.8	63.4	62.9	63.3	63.4	64.1	62.9	62.3	62.3
1929.....	61.9	62.3	62.0	62.5	62.1	61.5	61.9	62.7	62.6	62.5	61.8	60.7	60.6
1930.....	56.1	60.1	59.4	58.6	58.5	57.7	56.4	54.8	54.8	54.9	53.9	52.8	51.7
1931.....	47.4	50.8	49.9	49.4	48.6	47.6	46.9	46.8	46.9	46.3	45.7	45.6	44.6
1932.....	42.1	43.8	43.1	42.9	42.6	41.9	41.6	41.9	42.3	42.5	41.9	41.5	40.7
1933.....	42.8	39.6	38.3	39.1	39.2	40.8	42.2	44.8	45.2	46.0	46.3	46.2	46.0
1934.....	48.7	46.9	47.8	47.9	47.7	47.9	48.5	48.6	49.7	50.4	49.7	49.8	50.0
1935.....	52.0	51.2	51.7	51.6	52.0	52.1	51.9	51.6	52.3	52.4	52.3	52.4	52.6
1936.....	52.5	52.4	52.4	51.7	51.8	51.1	51.5	52.3	53.0	53.0	53.0	53.6	54.7
1937.....	56.1	55.8	56.1	57.0	57.2	56.8	56.6	57.2	56.9	56.8	55.5	54.1	53.1
1938.....	51.1	52.6	51.9	51.8	51.1	50.8	50.9	51.2	50.7	50.9	50.5	50.3	50.1
1939.....	50.1	50.0	50.0	49.9	49.5	49.5	49.2	49.0	48.7	51.4	51.6	51.4	51.5
1940.....	51.1	51.6	51.2	50.9	51.1	50.9	50.4	50.5	50.3	50.7	51.2	51.7	52.0
1941.....	56.8	52.5	52.4	53.0	54.1	55.2	56.6	57.7	58.7	59.7	60.1	60.1	60.9
1942.....	64.2	62.4	62.8	63.4	64.1	64.2	64.1	64.1	64.4	64.8	65.0	65.2	65.6
1943.....	67.0	66.2	66.6	67.2	67.4	67.6	67.4	67.1	67.0	67.0	67.0	66.9	67.1
1944.....	67.6	67.1	67.3	67.5	67.5	67.6	67.8	67.7	67.5	67.6	67.7	67.8	68.0
1945.....	68.8	68.2	68.3	68.4	68.7	68.9	69.0	68.9	68.7	68.4	68.8	69.4	69.6
1946.....	78.7	69.6	70.0	70.8	71.6	72.1	73.3	81.1	83.9	80.6	87.2	90.8	91.6
1947.....	96.4	92.3	93.1	95.4	94.8	94.3	94.3	95.3	96.5	98.4	99.6	100.7	102.6
1948.....	104.4	104.5	102.5	102.5	103.3	103.8	104.6	105.5	106.2	106.1	105.0	104.7	104.0
1949.....	99.2	102.8	101.2	100.9	99.9	99.0	98.2	98.0	98.2	98.3	97.9	97.8	97.7
1950.....	103.1	97.7	98.3	98.5	98.5	99.6	100.2	103.0	105.2	107.1	107.7	109.3	112.1
1951.....	114.8	115.0	116.5	116.5	116.3	115.9	115.1	114.2	113.7	113.4	113.7	113.6	113.5
1952.....	111.6	113.0	112.5	112.3	111.8	111.6	111.2	111.8	112.2	111.8	111.1	110.7	109.6
1953.....	110.1	109.9	109.6	110.0	109.4	109.8	109.5	110.9	110.6	111.0	110.2	109.8	110.1
1954.....	110.3	110.9	110.5	110.5	111.0	110.9	110.0	110.4	110.5	110.0	109.7	110.0	109.5
ALL COMMODITIES OTHER THAN FARM PRODUCTS AND FOODS													
1926.....	71.5	73.3	72.7	72.0	71.5	71.6	71.6	71.1	71.2	71.2	71.1	70.9	70.1
1927.....	67.2	69.0	68.5	67.6	66.9	66.8	66.8	66.8	67.0	67.1	66.9	66.5	66.7
1928.....	66.4	66.4	66.4	66.2	66.3	66.4	66.2	66.2	66.4	66.5	66.4	66.5	66.5
1929.....	65.5	66.0	65.7	65.9	65.6	65.4	65.7	65.5	65.3	65.5	65.5	64.9	64.7
1930.....	60.9	64.0	63.6	63.1	62.8	62.4	61.3	60.4	59.8	59.5	58.7	58.0	57.4
1931.....	53.6	56.5	56.0	55.2	54.2	53.7	53.0	52.9	53.0	52.8	52.2	52.5	51.7
1932.....	50.2	51.3	51.0	50.7	50.7	50.3	50.1	49.8	50.1	50.3	50.2	49.9	49.3
1933.....	50.9	48.1	47.2	47.0	46.7	47.5	49.2	51.7	53.0	54.4	55.2	55.2	55.4
1934.....	56.0	56.0	56.3	56.1	56.2	56.4	55.9	56.0	56.0	56.0	55.8	55.8	55.7
1935.....	55.7	55.6	55.4	55.3	55.2	55.5	55.8	55.8	55.7	55.6	56.0	56.3	56.3
1936.....	56.9	56.3	56.5	56.4	56.4	56.3	56.4	56.8	57.0	56.9	57.3	57.9	58.8
1937.....	61.0	59.6	60.1	61.2	61.8	61.7	61.5	61.7	61.6	61.4	60.9	60.2	59.8
1938.....	58.4	59.7	59.4	59.1	58.6	58.4	58.1	58.2	58.2	58.2	58.0	57.6	57.4
1939.....	58.1	57.3	57.4	57.5	57.6	57.6	57.4	57.3	57.3	58.7	59.9	60.1	60.0
1940.....	59.4	60.0	59.5	59.3	59.0	59.0	58.8	58.8	58.7	58.8	59.7	60.2	60.2
1941.....	63.7	60.3	60.3	60.7	61.4	62.5	63.4	64.1	64.9	65.5	66.8	66.9	67.0
1942.....	68.3	67.6	67.8	68.1	68.3	68.4	68.4	68.4	68.3	68.3	68.3	68.5	68.6
1943.....	69.3	68.7	68.8	69.0	69.1	69.2	69.2	69.3	69.4	69.5	69.5	69.6	69.8
1944.....	70.4	69.9	70.1	70.1	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.6	70.7
1945.....	71.3	70.8	70.9	71.0	71.0	71.1	71.2	71.3	71.4	71.4	71.5	71.7	71.9
1946.....	78.3	72.1	72.4	73.1	73.8	74.3	75.5	78.3	79.8	80.2	82.8	86.3	89.2
1947.....	95.3	91.8	92.2	93.6	94.0	93.8	93.9	94.6	95.8	96.9	97.9	99.0	100.4
1948.....	103.4	102.0	101.6	101.6	102.0	102.0	102.5	103.5	104.7	105.1	105.2	105.5	105.4
1949.....	101.3	104.9	104.0	103.3	102.0	100.8	100.1	99.8	100.0	100.0	100.0	100.0	100.2
1950.....	105.0	100.4	100.6	100.7	100.8	101.5	102.2	103.8	105.9	108.2	110.1	111.6	114.1
1951.....	115.9	116.6	117.2	117.3	117.1	116.8	116.2	115.7	114.9	114.8	114.6	114.5	114.6
1952.....	113.2	114.3	114.2	113.8	113.3	113.0	112.6	112.5	113.0	113.2	113.0	112.8	112.9
1953.....	114.0	113.1	113.1	113.4	113.2	113.6	113.9	114.8	114.9	114.7	114.6	114.5	114.6
1954.....	114.5	114.6	114.4	114.2	114.5	114.5	114.2	114.3	114.4	114.4	114.5	114.8	114.9

Source: Department of Labor, Bureau of Labor Statistics; annual report, *Wholesale Prices*; and *Monthly Labor Review*.

**No. 371.—WHOLESALE PRICE INDEXES, BY GROUPS AND SUBGROUPS OF COMMODITIES:  
1948 TO 1954**

[1947-49=100. See headnote, table 370]

COMMODITY GROUP	1948	1949	1950	1951	1952	1953	1954		
							Average	June	December
All commodities.....	104.4	99.2	103.1	114.8	111.6	110.1	110.3	110.0	109.5
All commodities other than farm products and foods.....	103.4	101.3	105.0	115.9	113.2	114.0	114.5	114.2	114.9
Special groups:									
All foods.....	105.7	96.2	98.5	110.3	108.8	104.4	103.6	102.7	101.0
Special metals and metal products.....	103.2	105.6	109.7	120.7	122.2	125.0	125.9	125.2	127.7
Building materials.....	104.0	102.0	109.5	119.6	118.2	119.9	120.2	118.5	122.0
Farm products.....	107.3	92.8	97.5	113.4	107.0	97.0	95.7	94.8	89.9
Fresh and dried produce.....	102.4	99.2	91.4	97.2	120.3	100.4	99.2	96.6	96.9
Grains.....	104.9	84.3	89.7	99.3	98.2	90.1	91.5	86.5	92.5
Livestock and poultry.....	110.3	92.2	99.0	116.9	102.4	88.4	85.5	87.7	74.0
Plant and animal fibers.....	103.3	99.3	116.2	143.9	115.1	103.5	106.2	106.9	105.0
Fluid milk.....	111.6	90.3	88.7	104.8	109.6	98.9	91.1	83.7	93.6
Eggs.....	103.9	100.1	84.9	108.0	95.9	105.7	79.9	70.8	64.0
Hay and seeds.....	109.7	83.3	89.8	102.7	98.3	90.2	93.1	96.0	93.8
Other farm products.....	100.0	103.9	127.8	138.5	136.7	141.2	171.2	181.7	157.7
Processed foods.....	106.1	95.7	99.8	111.4	108.8	104.6	105.3	105.0	103.5
Cereal and bakery products.....	102.3	97.1	99.0	106.9	106.9	109.5	113.9	113.5	116.8
Meats, poultry, fish.....	109.8	95.8	101.5	116.7	108.3	93.0	91.9	92.3	85.2
Dairy products and ice cream.....	107.3	96.6	94.8	107.7	113.6	110.6	106.1	102.4	108.2
Canned, frozen, fruits and vegetables.....	100.1	99.5	99.8	105.5	105.0	104.7	104.5	104.7	106.0
Sugar and confectionery.....	102.9	95.9	98.4	106.4	109.2	109.4	112.4	113.3	111.6
Packaged beverage materials.....	101.0	109.5	148.3	161.3	162.2	167.7	212.0	231.3	203.4
Animal fats and oils.....	112.6	67.5	71.6	93.5	64.2	73.8	93.0	90.0	77.3
Crude vegetable oils.....	119.5	58.5	75.6	88.6	60.6	69.2	68.7	73.0	65.6
Refined vegetable oils.....	117.5	62.8	75.1	89.9	66.2	75.6	75.4	79.1	73.7
Vegetable oil end products.....	110.9	79.4	82.4	97.1	79.9	83.7	85.0	87.3	83.5
Other processed foods.....	98.4	107.9	118.1	123.0	119.0	116.9	103.2	96.8	98.4
Textile products and apparel.....	104.4	95.5	99.2	110.6	99.8	97.3	95.2	94.9	95.2
Cotton products.....	105.1	91.8	99.5	111.5	98.5	93.5	89.2	88.4	89.9
Wool products.....	104.4	105.0	112.9	144.6	113.0	111.8	109.1	110.1	106.7
Synthetic textiles.....	108.3	95.2	95.3	97.0	88.9	87.1	85.7	85.6	87.2
Silk products.....	92.8	89.9	99.7	128.8	133.7	136.6	129.8	123.9	123.9
Apparel.....	103.2	95.6	96.3	103.8	100.0	99.3	98.5	98.1	98.4
Other textile products.....	100.7	95.8	110.5	141.6	101.7	83.7	79.8	79.0	76.9
Hides, skins, and leather products.....	102.1	96.9	104.6	120.3	97.2	98.5	94.2	95.6	91.8
Hides and skins.....	102.1	88.9	103.0	119.0	63.0	68.3	55.2	60.6	47.4
Leather.....	100.8	93.4	107.0	124.7	89.4	93.4	85.2	87.4	81.5
Footwear.....	102.7	101.3	106.5	121.6	112.4	111.8	111.8	111.9	111.6
Other leather products.....	102.5	97.6	98.2	112.3	100.8	99.3	97.0	97.5	95.9
Fuel, power, and lighting materials.....	107.1	101.9	103.0	106.7	106.6	109.5	108.1	107.8	107.5
Coal.....	106.2	105.8	106.2	108.4	108.7	112.8	106.3	104.7	105.2
Coke.....	104.3	111.6	116.1	124.0	124.7	132.0	132.4	132.4	132.4
Gas.....	102.4	101.5	98.2	100.7	103.7	107.8	108.8	107.8	110.2
Electricity.....	99.2	102.8	100.1	98.1	98.9	99.1	101.8	101.8	100.7
Petroleum and products.....	111.7	100.1	103.7	110.5	109.3	112.7	110.8	110.9	110.4
Chemicals and allied products.....	103.8	94.8	96.3	110.0	104.5	105.7	107.0	106.8	107.0
Industrial chemicals.....	104.9	96.2	101.1	120.7	115.2	117.6	117.6	117.0	117.4
Prepared paint.....	101.0	99.9	96.8	108.9	107.3	106.7	112.8	112.8	112.8
Paint material.....							96.3	96.8	96.2
Drugs, pharmaceuticals, and cosmetics.....	101.0	93.6	92.5	95.6	92.5	92.9	93.9	94.0	93.6
Fats and oils, inedible.....	115.9	56.6	68.7	88.8	50.0	52.7	57.8	55.7	59.3
Mixed fertilizer.....	101.5	104.5	101.3	107.3	109.3	111.1	109.7	109.9	108.9
Fertilizer materials.....	100.6	104.6	101.7	106.3	110.6	112.9	113.0	111.6	113.3
Other chemicals and products.....	104.2	95.1	94.6	108.4	103.3	103.3	107.8	107.7	107.9
Rubber and products.....	102.1	98.9	120.5	148.0	134.0	125.0	126.9	126.1	132.0
Crude rubber.....	103.4	93.6	157.3	215.1	157.8	121.6	123.1	122.8	137.6
Tire casings and tubes.....	101.8	98.8	113.6	133.9	129.8	127.2	130.6	129.3	134.9
Other rubber products.....	101.8	101.9	109.9	130.9	126.7	123.8	124.1	123.7	125.2
Lumber and wood products.....	107.2	99.2	113.9	123.9	120.3	120.2	118.0	116.3	120.0
Lumber.....	107.3	98.2	114.5	123.6	120.5	119.3	117.3	115.5	119.8
Millwork.....	105.1	107.6	114.6	130.1	127.0	131.5	130.6	130.8	130.3
Plywood.....	109.0	95.2	106.5	115.1	105.0	109.3	103.1	99.7	104.3
Pulp, paper and allied products.....	102.9	98.5	100.9	119.6	116.5	116.1	116.3	115.8	115.9
Woodpulp.....	107.3	97.0	95.6	114.4	111.5	109.0	109.7	109.7	109.6
Wastepaper.....	90.4	61.3	119.5	188.3	70.1	90.7	80.4	70.1	85.5
Paper.....	102.8	103.8	106.5	119.1	124.0	125.6	126.6	126.5	126.9
Paperboard.....	102.0	98.8	105.0	131.8	127.4	124.3	124.5	124.2	124.1
Converted paper and paperboard.....	102.4	97.1	97.7	117.0	113.8	112.2	112.0	111.5	111.0
Building paper and board.....	102.8	104.2	107.6	113.4	115.5	121.4	127.8	127.9	127.6
Metals and metal products.....	103.9	104.8	110.3	122.8	123.0	126.9	128.0	127.1	129.8
Iron and steel.....	104.3	106.0	113.1	123.2	124.7	131.3	132.9	131.8	135.0
Nonferrous metals.....	105.7	98.7	104.1	124.2	123.5	125.1	124.2	123.7	127.6
Metal containers.....	100.6	108.8	109.2	121.1	122.0	127.3	130.6	130.0	131.6
Hardware.....	101.1	106.0	114.2	125.8	125.4	132.7	139.3	137.9	142.3
Plumbing equipment.....	102.7	102.7	108.2	122.5	117.4	116.0	118.4	118.5	118.7



**No. 371.—WHOLESALE PRICE INDEXES, BY GROUPS AND SUBGROUPS OF COMMODITIES:**  
1948 to 1954—Continued

[1947-49=100]

COMMODITY GROUP	1948	1949	1950	1951	1952	1953	1954		
							Average	June	December
<b>Metals and metal products—</b>									
Continued									
Heating equipment.....	101.2	103.6	105.1	114.6	113.8	114.8	114.3	113.8	114.3
Structural metal products.....	102.4	100.9	104.2	117.5	115.1	115.7	117.1	115.9	117.8
Nonstructural metal products.....	104.0	111.7	115.6	125.4	124.9	125.5	125.9	125.3	125.9
<b>Machinery and motive products</b>	100.9	106.6	108.6	119.0	121.5	123.0	124.6	124.3	125.7
Agricultural machinery and equip.....	101.4	108.3	110.7	120.1	121.6	122.3	122.2	122.3	121.2
Construction machinery and equip.....	101.8	108.3	111.5	123.6	125.4	129.3	131.6	131.5	132.6
Metalworking machinery and equip.....	100.8	105.6	112.0	125.8	128.5	131.1	133.2	132.6	134.7
General purpose machinery and equipment.....	100.9	106.5	110.3	123.5	122.6	125.3	128.1	128.2	128.2
Miscellaneous machinery.....	101.1	105.1	107.4	119.4	119.4	122.5	125.5	125.5	126.0
Electrical machinery and equip.....	100.7	103.2	106.4	121.9	120.3	123.7	126.2	125.9	126.8
Motor vehicles.....	100.8	107.9	107.2	112.9	119.6	118.9	119.3	118.9	121.7
<b>Furniture and other household durables</b>	101.4	103.1	105.3	114.1	112.0	114.2	115.4	115.4	115.7
Household furniture.....	102.8	101.5	105.2	116.4	113.0	113.9	113.3	113.1	112.9
Commercial furniture.....	101.1	104.3	109.7	124.5	123.0	124.9	126.7	126.2	128.6
Floor covering.....	101.8	102.5	115.0	137.8	122.8	124.7	123.2	122.6	124.0
Household appliances.....	101.8	101.1	101.9	107.9	107.3	108.4	109.6	109.3	109.4
Radios.....	100.1	103.6	96.8	92.8	92.9	95.0	95.6	95.6	95.4
Television sets.....						74.5	71.2	70.6	69.2
Phonographs.....									
Other household durable goods.....	99.7	107.0	108.7	117.3	118.8	125.3	130.1	130.4	131.5
<b>Nonmetallic minerals, structural</b>	101.7	104.4	106.9	113.6	113.6	118.2	120.9	119.1	121.8
Flat glass.....	100.1	105.0	107.4	114.0	114.3	120.8	124.4	124.7	123.9
Concrete ingredients.....	101.8	105.2	106.8	113.0	113.0	117.4	121.0	120.1	122.3
Concrete products.....	100.8	103.1	105.5	112.3	112.5	115.4	117.5	117.5	117.4
Structural clay products.....	101.4	105.3	112.6	121.4	122.0	128.1	133.1	132.0	135.4
Gypsum products.....	103.2	102.3	104.6	117.4	117.7	121.0	122.1	122.1	122.1
Prepared asphalt roofing.....	103.1	102.8	101.3	104.8	102.9	107.3	104.0	94.2	106.1
Other nonmetallic minerals.....	102.6	103.8	106.8	111.0	112.3	116.8	120.1	120.2	119.5
<b>Tobacco manufacturing and bottled beverages</b>	100.4	101.6	102.4	108.1	110.6	115.7	120.6	121.4	121.4
Cigarettes.....	99.7	102.8	104.0	105.8	106.5	122.0	124.0	124.0	124.0
Cigars.....	99.8	100.6	100.8	100.6	100.1	103.2	103.6	103.5	103.7
Other tobacco products.....	100.3	102.2	104.1	108.4	116.6	120.9	121.1	120.7	121.4
Alcoholic beverages.....	101.0	101.5	102.3	106.5	110.7	111.5	114.4	114.2	114.3
Nonalcoholic beverages.....	100.1	100.3	101.0	119.7	119.7	122.5	142.3	148.1	148.1
<b>Miscellaneous</b>	103.1	96.1	96.6	104.9	108.3	97.8	102.5	105.1	98.0
Toys, sporting goods, small arms.....	101.4	101.5	106.9	116.2	113.5	113.7	113.2	113.6	112.9
Manufactured animal feeds.....	104.9	91.7	91.4	100.5	108.0	87.7	96.0	100.6	86.8
Notions and accessories.....	103.7	93.3	92.0	101.3	93.8	93.4	98.1	101.6	101.2
Jewelry, watches, photo. equip.....	100.6	99.5	97.4	101.1	101.0	101.7	102.8	102.7	103.5
Other miscellaneous.....	101.9	104.1	108.6	120.6	120.8	120.1	121.0	121.3	121.0

Source: Department of Labor, Bureau of Labor Statistics; annual report, *Wholesale Prices*; and *Monthly Labor Review*.

**No. 372.—INDEXES OF SPOT PRIMARY MARKET PRICES OF 22 COMMODITIES: 1939 TO 1954**

[1947-49=100. Figures in column heads represent number of commodities. Index is computed daily; represents unweighted geometric average of daily price quotations of 22 commodities, traded on organized exchanges. The index is much more sensitive to changes in market conditions than is monthly or weekly wholesale price index]

DATE	All commodities (22)	Foodstuffs (9)	Raw industrials (13)	Livestock and products (5)	Metals (5)	Textiles and fibers (4)	Fats and oils (4)
1939—Aug. 15.....	33.6	26.9	39.2	31.9	43.1	31.2	28.6
1941—Dec. 6.....	53.0	46.1	58.3	53.0	54.6	56.3	55.6
1945—Aug. 17.....	61.7	57.5	64.6	62.6	55.8	62.6	62.4
1948—June 15.....	113.6	120.6	108.8	118.1	109.8	102.8	132.9
1949—June 14.....	77.4	76.2	78.1	72.3	76.0	85.8	56.6
1950—June 20.....	88.4	85.1	90.7	71.4	98.8	96.3	59.4
1951—June 19.....	123.3	102.3	140.0	107.8	129.4	140.4	92.8
1952—June 17.....	96.9	93.5	99.3	71.3	113.2	95.4	65.0
1953—June 16.....	86.4	85.9	86.6	59.3	98.4	90.0	54.6
1954—Mar. 16.....	89.7	100.2	82.9	76.7	86.1	86.7	75.9
June 15.....	91.6	97.7	87.4	72.2	96.8	87.7	69.5
Sept. 14.....	90.8	96.0	87.2	70.2	97.1	87.9	71.4
Dec. 14.....	89.4	90.0	88.9	66.5	99.2	84.8	68.7

Source: Department of Labor, Bureau of Labor Statistics; annual report, *Wholesale Prices*; also published daily and weekly in mimeographed reports.

No. 373.—PURCHASING POWER OF THE DOLLAR: 1935 TO 1954

[1947-49=100. Obtained by computing reciprocals of price indexes compiled by Department of Labor, Bureau of Labor Statistics; these reciprocals are expressed as percentages with average of base period 1947-49=100]

YEAR	MONTHLY AVERAGE AS MEASURED BY—			YEAR	MONTHLY AVERAGE AS MEASURED BY—		
	Whole- sale prices	Con- sumer prices	Retail food prices		Whole- sale prices	Con- sumer prices	Retail food prices
1935.....	192.3	170.4	201.2	1945.....	145.3	130.0	145.1
1936.....	190.5	168.6	199.6	1946.....	127.1	119.9	126.6
1937.....	178.3	162.9	191.9	1947.....	103.7	104.7	104.3
1938.....	195.7	165.8	206.6	1948.....	95.8	97.3	96.1
1939.....	199.6	168.4	212.3	1949.....	100.8	98.2	100.0
1940.....	195.7	166.9	209.2	1950.....	97.0	97.3	98.8
1941.....	176.1	159.0	191.6	1951.....	87.1	90.1	88.8
1942.....	155.8	143.5	163.1	1952.....	89.6	88.1	87.3
1943.....	149.3	135.1	146.4	1953.....	90.8	87.4	88.7
1944.....	147.9	133.0	148.4	1954.....	90.7	87.1	88.8

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*.

No. 374.—WHOLESALE PRICE INDEXES, ALL COMMODITIES AND BY ECONOMIC CLASSES: 1930 TO 1954

[1929=100. Indexes are computed from price series collected by Bureau of Labor Statistics reclassified according to use and durability of product priced]

YEAR	All com- mod- ities	Pro- ducers' goods	Con- sumers' goods	Durable goods	Non- durable goods <sup>1</sup>	YEAR	All com- mod- ities	Pro- ducers' goods	Con- sumers' goods	Durable goods	Non- durable goods <sup>1</sup>
1930.....	90.5	88.4	93.2	93.0	89.1	1944.....	110.4	112.5	108.0	112.2	110.2
1931.....	76.5	73.1	80.7	84.7	72.7	1945.....	112.6	115.4	109.1	113.8	112.6
1932.....	67.4	64.9	70.6	78.5	61.5	1946.....	129.1	131.2	126.5	124.6	131.8
1933.....	69.4	68.3	70.9	80.2	64.1	1947.....	161.7	167.2	155.2	159.2	163.7
1935.....	83.4	83.1	83.9	86.5	81.2	1948.....	175.2	182.0	166.6	175.9	175.5
1937.....	90.8	93.1	88.0	98.7	87.2	1949.....	166.4	172.8	158.2	179.6	160.4
1939.....	80.6	82.1	78.6	95.4	74.0	1950.....	173.0	181.9	161.0	186.7	166.7
1941.....	92.1	94.3	89.6	104.2	87.2	1951.....	192.6	204.3	176.5	204.9	187.0
1942.....	104.5	105.8	103.2	110.3	102.9	1952.....	187.2	196.8	174.4	205.7	178.7
1943.....	109.4	110.3	108.4	110.6	109.5	1953.....	184.7	194.6	171.5	209.7	172.9
						1954.....	185.1	195.4	171.0	211.4	172.5

<sup>1</sup> Perishable and semidurable.

Source: National Bureau of Economic Research.

No. 375.—COST OF LIVING INDEX: 1820 TO 1913

[1913=100. See also *Historical Statistics*, series L 36, for complete presentation of series and for detailed references to basic sources]

YEAR	Index	YEAR	Index	YEAR	Index	YEAR	Index	YEAR	Index
1820.....	65	1860.....	61	1892.....	77	1900.....	80	1908.....	91
1825.....	58	1865.....	102	1893.....	75	1901.....	82	1909.....	91
1830.....	54	1870.....	91	1894.....	73	1902.....	84	1910.....	96
1835.....	60	1875.....	86	1895.....	73	1903.....	88	1911.....	96
1840.....	60	1880.....	80	1896.....	74	1904.....	87	1912.....	102
1845.....	54	1885.....	75	1897.....	75	1905.....	87	1913.....	100
1850.....	54	1890.....	78	1898.....	75	1906.....	90		
1855.....	67	1891.....	76	1899.....	77	1907.....	95		

Source: Federal Reserve Bank of New York, *Index of Estimated Cost of Living in the U. S.* (1938 revision).



## No. 376.—CONSUMER PRICE INDEX—ALL ITEMS AND COMMODITY GROUPS: 1913 TO 1954

[1947-49=100. The Consumer Price Index from 1913 to December 1952 is rebased according to new groupings from adjusted series indexes on 1935-39=100 formerly published. For detailed explanation, see text, p. 311. These indexes include a correction of new unit bias in the rent index from 1940 to December 1949 and adjusted population and commodity weights beginning with indexes for January 1950. These adjustments make a continuous comparable series]

YEAR	All items	Food <sup>1</sup>	Rent	Ap- parel	YEAR	All items	Food <sup>1</sup>	Rent	Ap- parel	YEAR	All items	Food <sup>1</sup>	Rent	Ap- parel
1913..	42.3	39.6	76.6	36.2	1924..	73.1	60.8	125.9	65.3	1935..	58.7	49.7	78.2	50.6
1914..	42.9	40.5	76.6	36.5	1925..	75.0	65.8	126.4	64.0	1936..	59.3	50.1	80.1	51.0
1915..	43.4	40.0	77.2	37.3	1926..	75.6	68.0	125.2	63.0	1937..	61.4	52.1	83.8	53.7
1916..	46.6	45.0	78.1	40.9	1927..	74.2	65.5	123.2	61.8	1938..	60.3	48.4	86.5	53.4
1917..	54.8	57.9	77.4	49.2	1928..	73.3	64.8	120.3	60.9	1939..	59.4	47.1	86.6	52.5
1918..	64.3	66.5	78.8	66.6	1929..	73.3	65.6	117.4	60.3	1940..	59.9	47.8	86.9	53.2
1919..	74.0	74.2	85.3	88.2	1930..	71.4	62.4	114.2	58.9	1941..	62.9	52.2	88.4	55.6
1920..	85.7	83.6	100.2	105.1	1931..	65.0	51.4	108.2	53.6	1942..	69.7	61.3	90.4	64.9
1921..	76.4	63.5	115.1	80.9	1932..	58.4	42.8	97.1	47.5	1943..	74.0	68.3	90.3	67.8
1922..	71.6	59.4	118.5	65.7	1933..	55.3	41.6	83.6	45.9	1944..	75.2	67.4	90.6	72.6
1923..	72.9	61.4	121.6	65.8	1934..	57.2	46.4	78.4	50.2	1945..	76.9	68.9	90.9	76.3
										1946..	83.4	79.0	91.4	83.7

YEAR AND MONTH	All items	Food <sup>1</sup>	HOUSING						Ap- parel	Trans- por- tation	Med- ical care	Per- sonal care	Read- ing and recre- ation	Other goods and serv- ices <sup>3</sup>
			Total <sup>2</sup>	Rent	Gas and elec- tric- ity	Solid fuels and fuel oil	House fur- nish- ings	House- hold oper- ation						
1947.....	95.5	95.9	95.0	94.4	97.6	88.8	97.2	97.2	97.1	90.6	94.9	97.6	95.5	96.1
1948.....	102.8	104.1	101.7	100.7	100.0	104.4	103.2	102.6	103.5	100.9	100.9	101.3	100.4	100.5
1949.....	101.8	100.0	103.3	105.0	102.5	106.8	99.6	100.1	99.4	108.5	104.1	101.1	104.1	103.4
1950.....	102.8	101.2	106.1	108.8	102.7	110.5	100.3	101.2	98.1	111.3	106.0	101.1	103.4	105.2
1951.....	111.0	112.6	112.4	113.1	103.1	116.4	111.2	109.0	106.9	118.4	111.1	110.5	106.5	109.7
March..	110.3	112.0	111.7	111.9	103.1	116.7	111.1	108.4	106.2	116.9	109.9	110.7	107.0	108.9
June....	110.8	112.3	112.3	112.7	103.0	115.4	112.0	108.7	106.6	117.5	111.0	110.8	106.5	109.1
Sept....	111.6	112.5	112.9	114.2	103.2	116.6	111.3	108.8	109.3	119.7	111.8	110.0	105.8	109.6
Dec.....	113.1	115.0	113.9	115.6	103.4	117.6	110.8	111.1	108.1	122.2	114.3	111.1	106.5	112.8
1952.....	113.5	114.6	114.6	117.9	104.5	118.7	108.5	111.8	105.8	126.2	117.2	111.8	107.0	115.4
March..	112.4	112.7	114.0	116.7	103.8	117.7	109.4	111.0	106.4	124.4	115.7	111.0	106.3	114.8
June....	113.4	114.6	114.0	117.6	104.3	115.8	107.7	111.2	105.6	126.3	117.8	111.7	106.8	115.7
Sept....	114.1	115.4	114.8	118.3	105.0	119.6	108.1	112.1	105.8	127.7	118.8	112.1	107.3	115.9
Dec.....	114.1	113.8	116.4	120.7	105.6	123.2	108.2	113.4	105.1	128.9	119.3	112.5	108.0	115.9
1953.....	114.4	112.8	117.7	124.1	106.6	123.9	107.9	115.3	104.8	129.7	121.3	112.8	108.0	118.2
March..	113.6	111.7	116.8	121.7	106.5	124.4	108.0	114.0	104.7	129.3	119.5	112.4	107.7	117.5
June....	114.5	113.7	117.4	123.3	106.4	121.8	108.0	115.4	104.6	129.4	121.1	112.6	107.8	118.2
Sept....	115.2	113.8	118.4	126.0	106.9	124.6	108.1	116.0	105.3	130.7	122.6	112.9	107.8	118.5
Dec.....	114.9	112.3	118.9	127.6	107.2	125.3	108.1	117.0	105.3	128.9	123.6	113.6	108.9	120.3
1954.....	114.8	112.6	119.1	128.5	107.9	123.5	106.1	117.4	104.3	128.0	125.2	113.4	107.0	120.1
March..	114.8	112.1	119.0	128.0	107.6	125.8	107.2	117.5	104.3	129.0	124.4	114.1	108.2	120.1
June....	115.1	113.8	118.9	128.3	107.6	120.9	105.8	117.2	104.2	128.9	125.1	112.7	106.4	120.1
Sept....	114.7	112.4	119.5	128.8	107.9	122.4	106.0	117.4	104.3	126.4	125.7	113.5	106.5	120.1
Dec.....	114.3	110.4	119.7	129.4	109.1	125.5	105.4	117.7	104.3	127.3	126.3	113.6	106.6	119.9

<sup>1</sup> Includes "food away from home" (restaurant meals and other food bought and eaten away from home) beginning January 1953.

<sup>2</sup> Includes "other shelter" (home purchase and other home owner costs).

<sup>3</sup> Includes tobacco, alcoholic beverages, and miscellaneous services such as legal services, banking fees, burial services, etc.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*.

No. 377.—CONSUMER PRICE INDEX—ALL ITEMS, 1920 TO 1954, AND COMMODITY GROUPS, 1954, BY CITIES

[1947-49=100. As of December except where noted. For detailed explanation, see text, p. 311, and headnote, table 376]

CITY	ALL ITEMS									
	1920	1929	1932	1939	1941	1950	1951	1952	1953	1954
United States (46 cities) <sup>1</sup>	82.7	73.4	55.9	59.6	66.1	106.9	113.1	114.1	114.9	114.3
Atlanta	89.4	73.5	54.1	58.2	65.2	<sup>2</sup> 106.5	<sup>2</sup> 115.6	<sup>2</sup> 117.1	117.1	115.7
Baltimore	75.2	68.8	54.3	57.5	65.4	106.5	112.4	114.4	114.5	114.8
Boston	87.0	77.0	59.5	60.8	67.2	106.3	112.4	112.4	<sup>3</sup> 113.8	<sup>3</sup> 113.5
Chicago	80.8	75.9	55.1	58.6	64.9	107.7	114.0	114.6	116.4	117.0
Cincinnati	78.0	72.6	54.6	58.3	65.5	105.9	111.6	112.5	114.6	113.3
Cleveland	81.1	69.3	53.1	59.2	66.5	<sup>2</sup> 105.4	<sup>2</sup> 112.7	<sup>2</sup> 113.6	<sup>2</sup> 115.5	<sup>2</sup> 115.3
Detroit	89.4	73.9	51.1	59.1	66.8	107.4	113.7	116.0	116.4	116.2
Houston	85.4	71.3	52.7	59.8	65.9	109.9	115.8	116.7	<sup>2</sup> 117.3	<sup>2</sup> 116.7
Kansas City, Mo	90.4	73.2	58.8	61.7	67.5	<sup>3</sup> 105.0	<sup>3</sup> 112.0	<sup>3</sup> 115.2	<sup>3</sup> 115.7	<sup>3</sup> 115.7
Los Angeles	86.1	74.4	56.9	60.1	67.3	106.8	113.9	115.3	115.8	115.3
Minneapolis	81.8	70.8	56.0	61.1	66.8	107.3	113.3	114.6	<sup>3</sup> 116.6	<sup>3</sup> 116.9
New York	81.0	74.3	58.8	60.5	65.7	106.0	111.2	112.0	113.0	112.2
Philadelphia	82.4	74.2	56.1	59.3	65.4	107.0	113.7	114.7	115.0	115.6
Pittsburgh	81.5	73.5	55.2	58.1	65.2	106.0	112.8	113.4	<sup>3</sup> 114.7	<sup>3</sup> 114.3
Portland, Oreg	80.6	68.0	53.0	58.3	65.6	<sup>3</sup> 106.4	<sup>3</sup> 113.0	<sup>3</sup> 115.0	<sup>3</sup> 116.1	<sup>3</sup> 115.2
St. Louis	80.8	74.1	55.3	59.4	66.3	107.1	114.0	114.9	116.9	115.4
San Francisco	76.7	69.1	55.7	58.6	65.1	106.2	113.0	115.6	116.9	115.7
Scranton	82.1	76.4	57.8	58.6	65.2	<sup>2</sup> 104.2	<sup>2</sup> 111.6	<sup>2</sup> 113.1	<sup>2</sup> 113.4	<sup>2</sup> 112.3
Seattle	80.5	70.0	54.3	59.0	67.1	<sup>2</sup> 107.1	<sup>2</sup> 113.9	<sup>2</sup> 115.6	<sup>2</sup> 116.4	<sup>2</sup> 115.7
Washington, D. C.	79.2	69.7	57.3	60.2	66.9	<sup>2</sup> 105.7	<sup>2</sup> 112.5	<sup>2</sup> 113.8	<sup>2</sup> 114.3	<sup>2</sup> 113.5

CITY	1954												
	Total food <sup>4</sup>	HOUSING						Ap- parel	Trans- portation	Med- ical care	Per- sonal care	Read- ing and recre- ation	Other goods and serv- ices <sup>6</sup>
		To- tal <sup>5</sup>	Rent	Gas and elec- tri- city	Solid fuels and fuel oil	House fur- nish- ings	House- hold op- eration						
United States (46 cities) <sup>1</sup>	110.4	119.7	129.4	109.1	125.5	105.4	117.7	104.3	127.3	126.3	113.6	106.6	119.9
Atlanta	110.0	124.0	-----	113.3	119.5	109.3	128.6	110.3	125.7	121.6	115.5	106.3	118.0
Baltimore	111.4	115.1	-----	100.0	127.2	99.1	112.6	102.5	138.9	133.4	107.5	117.1	123.0
Boston <sup>2</sup>	110.2	119.6	-----	108.4	124.6	104.8	116.7	104.2	132.8	124.3	111.8	105.2	118.5
Chicago	108.2	128.5	-----	106.2	124.6	108.4	121.1	106.2	133.1	126.1	115.2	110.7	118.2
Cincinnati	112.0	117.6	131.6	119.5	127.2	101.0	120.1	103.2	123.5	126.3	109.0	99.3	116.3
Cleveland <sup>2</sup>	109.7	120.3	-----	106.8	123.5	103.0	110.9	104.1	122.0	130.8	114.7	118.0	119.4
Detroit	113.0	122.4	-----	109.0	119.3	109.0	110.3	102.4	122.7	127.6	119.1	108.6	124.7
Houston <sup>2</sup>	110.3	124.8	-----	106.6	-----	102.4	130.6	106.9	125.8	119.9	119.7	111.6	119.1
Kansas City, Mo <sup>3</sup>	108.5	120.6	137.0	118.0	112.1	104.5	122.5	104.6	124.0	136.0	116.6	115.2	117.3
Los Angeles	110.7	125.1	-----	113.6	-----	106.7	108.1	104.7	126.4	122.9	117.1	96.9	114.3
Minneapolis <sup>3</sup>	111.8	122.1	-----	110.0	113.9	106.6	121.1	106.0	118.4	142.0	115.9	116.6	125.6
New York	110.1	116.1	-----	108.2	129.8	105.0	119.1	103.7	130.8	124.6	108.3	104.2	121.0
Philadelphia	112.6	114.5	-----	102.3	123.4	109.3	114.7	105.8	137.9	133.7	117.6	113.0	123.9
Pittsburgh <sup>3</sup>	113.0	117.0	123.9	118.8	119.7	105.1	120.0	103.7	134.2	126.1	116.6	98.3	120.5
Portland, Oreg <sup>3</sup>	111.6	120.1	-----	107.8	128.0	108.0	112.0	107.5	121.6	122.8	110.5	116.1	118.7
St. Louis	112.3	119.9	135.5	103.8	138.7	101.3	119.8	103.7	130.6	139.9	113.6	93.4	113.6
San Francisco	111.8	117.8	130.8	130.1	-----	105.2	108.9	101.9	141.3	123.7	111.7	107.6	115.5
Scranton <sup>2</sup>	109.8	115.7	123.0	112.2	133.2	101.0	110.0	105.7	132.0	119.6	112.0	117.3	116.1
Seattle <sup>2</sup>	110.6	119.7	-----	88.5	127.3	105.6	114.2	105.8	128.9	130.2	117.6	109.3	126.0
Washington, D. C. <sup>2</sup>	110.1	117.2	123.0	114.3	130.3	106.9	117.0	102.3	129.4	118.6	111.0	104.6	129.9

<sup>1</sup> 34 cities prior to January 1953. Indexes for food based on prices in 51 cities through 1942, 56 cities 1943 through 1952, and 46 cities beginning January 1953. Separate city indexes not compiled for 26 medium- and small-sized cities included in the national average.

<sup>2</sup> As of November. <sup>3</sup> As of October.

<sup>4</sup> Includes "food away from home" (restaurant meals and other food bought and eaten away from home) beginning January 1953.

<sup>5</sup> Includes "other shelter" (home purchase and other home owner costs).

<sup>6</sup> Comprises tobacco, alcoholic beverages, and miscellaneous services such as legal services, banking fees, burial services, etc.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review* and historical tables of indexes.



No. 378.—THE CONFERENCE BOARD'S CONSUMER PRICE INDEX, 1920 TO 1954 AND  
FOR SPECIFIED CITIES, 1939 TO 1954

[1953=100. Represents annual averages of monthly figures for cities of 50,000 inhabitants or more]

YEAR	All items	Food	Housing	Apparel	Transportation and sundries	YEAR	All items	Food	Housing	Apparel	Transportation and sundries
1920.....	77.8	76.6	78.4	139.9	60.0	1938.....	55.7	44.2	73.0	67.8	55.7
1921.....	66.8	58.1	82.4	89.1	60.9	1939.....	55.0	43.1	72.4	66.3	55.6
1922.....	63.6	54.4	80.0	83.4	58.7	1940.....	55.4	43.7	72.6	66.6	56.1
1923.....	65.4	56.2	82.7	91.2	57.9	1941.....	58.3	48.1	74.4	69.3	57.6
1924.....	66.1	55.7	85.4	93.8	58.3	1942.....	64.5	56.5	77.5	81.5	61.3
1925.....	67.8	60.2	84.3	93.5	58.7	1943.....	68.2	62.9	77.8	83.6	63.9
1926.....	68.3	62.2	82.7	93.5	58.6	1944.....	69.1	61.9	78.3	86.7	67.3
1927.....	66.9	60.1	80.6	91.6	58.6	1945.....	70.2	63.1	78.6	88.5	68.7
1928.....	65.9	59.4	78.2	92.3	58.3	1946.....	74.9	71.3	79.6	92.3	71.5
1929.....	65.6	60.1	77.0	90.1	57.6	1947.....	84.7	88.0	82.5	100.1	76.9
1930.....	63.4	57.1	75.2	83.9	57.4	1948.....	90.1	94.4	86.9	103.4	82.3
1931.....	57.0	47.1	70.0	72.5	57.1	1949.....	88.8	89.8	88.0	97.5	85.6
1932.....	50.9	39.2	62.8	60.7	56.4	1950.....	90.0	90.5	88.8	96.0	87.6
1933.....	49.0	38.1	58.1	61.7	54.3	1951.....	97.0	100.7	94.8	102.8	91.4
1934.....	51.8	42.3	60.4	70.7	53.8	1952.....	99.5	103.7	96.7	100.4	95.2
1935.....	53.6	45.4	63.4	68.4	54.0	1953.....	100.0	100.0	100.0	100.0	100.0
1936.....	54.8	45.8	67.7	67.3	54.4	1954.....	100.2	99.5	100.9	99.2	100.7
1937.....	57.2	47.6	73.0	70.2	55.1						

CITY (all items)	1939	1941	1945	1947	1948	1949	1950	1951	1952	1953	1954
Akron.....	54.3	59.3	70.2	84.6	90.0	89.1	89.7	95.7	98.5	100.0	100.3
Atlanta.....	55.8	58.4	70.8	85.9	89.7	87.3	88.7	96.9	97.9	100.0	99.4
Baltimore.....	55.0	58.6	71.6	86.1	91.1	90.0	90.6	97.3	100.6	100.0	100.2
Birmingham.....	55.5	59.3	71.8	85.5	89.7	88.2	89.6	96.9	99.2	100.0	100.1
Boston.....	56.3	59.3	70.4	85.7	91.4	89.9	91.3	97.5	100.9	100.0	99.4
Bridgeport.....	55.5	59.3	70.6	85.8	92.4	90.2	90.4	96.8	100.2	100.0	100.3
Chattanooga.....	56.4	58.9	72.9	88.1	91.7	87.9	89.7	97.4	99.0	100.0	99.3
Chicago.....	53.5	56.8	67.6	83.1	89.5	88.1	90.3	96.9	99.3	100.0	101.5
Cincinnati.....	53.5	56.7	67.8	83.5	89.3	88.4	89.5	96.9	98.7	100.0	100.3
Cleveland.....	53.3	56.4	68.4	82.8	88.4	86.8	87.8	95.6	98.3	100.0	100.4
Dallas.....	53.8	56.3	68.9	80.7	86.1	86.9	90.4	97.5	98.8	100.0	99.7
Denver.....	56.8	58.9	71.0	85.8	91.2	90.2	91.0	98.2	99.4	100.0	100.5
Des Moines.....	56.5	59.7	70.3	85.0	90.7	89.2	90.7	98.4	99.7	100.0	100.1
Detroit.....	52.8	56.8	69.6	83.3	88.4	87.0	88.5	95.6	98.5	100.0	100.3
Duluth-Superior.....	54.0	56.5	67.9	83.2	89.0	88.0	89.4	98.2	99.7	100.0	100.8
Erie.....	51.3	55.3	68.3	84.0	88.8	88.3	89.7	96.4	99.3	100.0	100.4
Evansville.....	(1)	(1)	71.6	84.8	88.6	87.0	87.8	94.8	96.1	100.0	100.3
Grand Rapids.....	52.0	56.4	68.7	82.1	87.2	84.8	86.6	96.2	99.3	100.0	100.6
Houston.....	56.8	59.7	71.1	85.2	90.8	89.3	91.5	98.6	99.7	100.0	99.9
Huntington-Ashland.....	(1)	(1)	74.7	89.9	93.0	89.7	90.9	97.8	99.2	100.0	100.6
Indianapolis.....	53.4	57.4	69.7	83.8	89.3	88.4	90.3	96.4	98.1	100.0	100.0
Kansas City, Mo.....	57.9	60.1	72.8	86.4	91.6	89.3	89.6	97.1	99.3	100.0	100.2
Lansing.....	(1)	57.1	71.0	84.6	88.7	86.3	87.5	97.8	98.6	100.0	100.5
Los Angeles.....	56.3	59.3	72.4	84.9	89.8	88.3	88.5	97.6	100.8	100.0	99.7
Milwaukee.....	50.6	53.7	64.4	77.1	83.4	84.1	87.9	96.8	99.4	100.0	99.4
Minneapolis-St. Paul.....	54.5	57.4	68.5	84.6	91.0	89.0	90.1	97.1	99.5	100.0	100.6
Newark-Northeastern N. J.....	56.3	59.1	70.4	84.4	90.6	89.5	89.6	95.7	100.4	100.0	99.4
New Orleans.....	53.1	56.9	69.1	84.5	89.0	86.1	87.2	94.2	96.8	100.0	102.1
New York.....	57.2	60.5	72.2	86.7	92.3	91.0	91.3	97.6	99.9	100.0	100.5
Philadelphia.....	55.3	58.6	70.5	84.8	89.1	87.6	88.3	96.1	98.9	100.0	99.9
Pittsburgh.....	54.0	57.8	68.1	83.0	88.6	87.0	87.7	96.3	99.8	100.0	100.2
Portland, Oreg.....	54.9	57.9	70.3	84.3	89.9	89.4	90.5	98.2	99.8	100.0	99.6
Richmond.....	55.7	58.7	72.2	88.6	93.3	91.5	92.0	99.2	100.6	100.0	100.1
Roanoke.....	(1)	(1)	70.8	86.2	91.1	90.2	90.5	98.5	100.0	100.0	99.2
Rochester.....	54.0	58.4	69.9	84.8	89.0	89.5	90.9	98.4	100.5	100.0	100.2
St. Louis.....	54.7	57.9	69.6	83.6	89.9	86.9	88.0	97.2	100.2	100.0	99.8
San Francisco-Oakland.....	53.7	56.0	69.2	84.0	89.6	89.1	88.7	96.6	99.4	100.0	101.1
Seattle.....	55.8	59.3	71.7	86.1	91.3	89.5	90.0	97.3	99.5	100.0	99.9
Syracuse.....	(1)	60.3	72.5	87.1	91.5	89.9	91.2	97.9	100.0	100.0	100.1
Wilmington.....	56.6	60.1	70.9	85.4	90.1	88.8	88.8	95.9	98.5	100.0	99.9

<sup>1</sup> Not available.

Source: National Industrial Conference Board, Inc., New York, N. Y.; *Management Record*.

## No. 379.—AVERAGE RETAIL PRICES OF SELECTED FOODS: 1913 TO 1954

[Mid-month prices in cents per pound except for milk (cents per quart), eggs and oranges (cents per dozen), and tomatoes (cents per No. 2 can). Data are averages of prices reported by retail dealers in cities included in the Retail Food Index. (See footnote 1, table 381.) Number of cities also varies slightly according to availability of prices for each item. Sales taxes not included after 1945. Prices for individual cities combined with use of population weights]

YEAR AND MONTH	Wheat flour	Corn meal	Bread, white	Round steak	Chuck roast	Pork chops	Bacon, sliced	Ham, whole	Lamb, leg	Chickens, fryers, ready-to-cook	Butter	Cheese
1913.....	3.3	3.0	5.6	22.3	16.0	21.0	27.0	-----	18.9	(1)	38.3	22.1
1920.....	8.1	6.5	11.5	39.5	26.2	42.3	52.3	-----	39.3	(1)	70.1	41.6
1922.....	5.1	3.9	8.7	32.3	19.7	33.0	39.8	-----	36.6	(1)	47.9	32.9
1929.....	5.1	5.3	8.8	46.0	31.4	37.5	43.9	-----	40.2	(1)	55.5	39.5
1932.....	3.2	3.6	7.0	29.7	18.5	21.5	24.2	-----	23.8	(1)	27.8	24.4
1939.....	3.8	4.0	7.9	36.0	23.4	30.4	31.9	27.5	28.2	(1)	32.5	25.3
1941.....	4.5	4.3	8.1	39.1	25.5	34.3	34.3	30.4	29.7	(1)	41.1	30.0
1945.....	6.4	6.4	8.8	40.6	28.1	37.1	41.1	34.7	40.0	(1)	50.7	35.6
1946.....	7.1	7.5	10.4	52.1	36.6	48.5	53.3	47.8	48.7	(1)	71.0	50.1
1947.....	9.6	9.8	12.5	75.6	51.5	72.1	77.7	67.5	64.2	(1)	80.5	59.0
1948.....	9.8	10.8	13.9	90.5	64.4	77.2	76.9	68.0	71.1	(1)	86.7	65.6
1949.....	9.6	9.1	14.0	85.3	55.5	74.3	66.5	63.4	72.5	(1)	72.5	(1)
1950.....	9.8	9.0	14.3	93.6	61.6	75.4	63.7	62.0	74.4	59.5	72.9	51.8
1951.....	10.4	9.6	15.7	109.3	74.1	79.4	67.2	66.5	83.1	61.8	81.9	59.1
1952.....	10.5	10.4	16.0	111.2	73.5	80.3	64.9	65.2	81.7	60.7	85.5	60.7
March.....	10.5	10.2	15.8	111.6	75.3	74.3	61.3	62.2	79.6	60.7	89.5	60.1
June.....	10.5	10.2	16.1	111.5	73.9	85.0	63.8	66.4	83.9	56.7	81.4	60.0
September.....	10.4	10.9	16.2	111.9	73.0	87.8	70.8	69.3	83.0	64.5	85.9	61.0
December.....	10.4	10.5	16.2	108.1	70.4	72.3	64.6	65.0	75.3	64.6	81.7	61.8
1953.....	10.5	12.6	16.4	91.5	52.9	82.7	78.5	69.7	72.2	59.7	79.0	59.8
March.....	10.4	12.6	16.2	88.6	52.3	78.2	69.9	67.3	70.2	60.2	79.3	60.4
June.....	10.5	12.6	16.3	88.7	50.1	89.2	83.4	73.5	76.8	58.6	78.2	59.7
September.....	10.4	12.6	16.7	94.4	53.4	88.8	89.1	72.7	69.7	60.1	78.3	59.4
December.....	10.6	12.4	16.9	90.2	51.9	81.1	79.3	70.0	69.4	57.7	79.6	59.5
1954.....	10.7	12.6	17.2	90.7	51.4	86.3	81.7	70.0	71.1	53.8	72.4	57.6
March.....	10.7	12.5	17.0	88.4	51.0	85.7	88.0	72.2	70.7	54.5	78.4	58.9
June.....	10.7	12.5	17.0	91.0	51.8	92.7	86.7	72.9	73.6	54.1	69.3	56.9
September.....	10.7	12.6	17.4	91.9	50.6	87.2	76.5	68.0	69.6	54.9	69.3	56.8
December.....	10.8	12.6	17.6	92.3	52.7	77.2	71.3	64.1	68.9	49.6	72.2	56.8

YEAR AND MONTH	Milk, fresh (delivered)	Eggs	Bananas	Oranges	Cabbage	Onions	Potatoes	Canned tomatoes	Prunes, dried	Coffee	Lard	Sugar
1913.....	8.9	34.5	-----	-----	-----	-----	1.7	-----	-----	29.8	15.8	5.5
1920.....	16.7	68.1	12.6	63.2	6.4	7.1	6.3	14.8	28.1	47.0	29.5	19.4
1922.....	13.1	44.4	10.3	57.4	4.6	7.9	2.8	13.4	20.1	36.1	17.0	7.3
1929.....	14.4	52.7	9.7	44.7	5.3	6.7	3.2	12.8	15.3	47.9	18.1	6.4
1932.....	10.7	30.2	6.5	30.2	4.1	5.0	1.7	9.3	9.2	29.4	8.7	5.0
1939.....	12.2	32.1	6.3	28.9	3.6	3.8	2.5	8.6	8.9	22.4	11.0	5.4
1941.....	13.6	39.7	7.2	31.0	4.2	5.0	2.3	9.1	9.8	23.6	12.7	5.7
1945.....	15.6	58.1	10.4	48.5	6.1	6.9	4.9	12.2	17.5	30.5	18.8	6.7
1946.....	17.6	58.6	11.6	49.9	5.9	6.9	4.7	15.0	19.1	34.4	26.3	7.7
1947.....	19.6	69.6	15.1	43.4	7.3	7.4	5.0	19.3	24.7	46.9	31.5	9.7
1948.....	21.8	72.3	15.9	44.7	6.6	10.6	5.6	16.5	21.4	51.4	29.6	9.4
1949.....	21.1	69.6	16.6	51.8	6.7	7.4	5.5	15.2	23.1	55.4	19.2	9.5
1950.....	20.6	60.4	16.3	49.3	5.9	6.8	4.6	14.7	24.6	79.4	19.1	9.7
1951.....	23.1	73.7	16.3	48.7	8.6	7.9	5.1	18.8	27.4	86.8	24.6	10.1
1952.....	24.2	67.3	16.4	50.6	9.4	11.3	7.6	17.6	(2)	86.8	18.4	10.3
March.....	24.1	56.2	17.0	45.7	7.4	12.9	6.9	17.5	25.9	87.0	19.3	10.0
June.....	23.7	59.0	16.8	48.4	8.6	11.4	8.5	17.3	26.9	86.8	18.2	10.3
September.....	24.5	77.2	16.2	57.8	7.5	9.0	7.6	17.6	27.1	86.7	17.5	10.5
December.....	24.8	70.4	16.1	47.2	7.7	10.9	7.3	17.9	28.0	86.6	16.1	10.5
1953.....	23.4	69.8	16.8	49.0	7.2	8.6	5.4	17.6	29.1	89.2	20.2	10.6
March.....	23.5	64.8	16.8	46.4	7.1	13.0	6.0	18.0	28.8	86.7	16.2	10.5
June.....	22.7	67.8	16.8	53.9	9.1	8.2	5.4	17.3	29.2	88.0	18.2	10.6
September.....	23.5	77.8	16.8	51.5	7.1	6.4	4.6	17.3	29.3	91.1	26.8	10.6
December.....	23.7	69.3	16.8	49.4	6.7	6.2	4.5	17.2	29.3	91.5	25.4	10.5
1954.....	23.0	58.5	16.8	55.4	6.9	7.3	5.3	(2)	30.8	110.8	26.2	10.5
March.....	23.3	57.9	16.7	46.1	7.4	5.9	4.3	17.3	29.8	105.2	25.6	10.5
June.....	22.1	53.0	18.0	54.8	6.6	8.4	6.3	17.3	30.6	120.9	27.1	10.5
September.....	23.1	59.6	16.5	68.9	6.1	7.6	5.5	17.4	31.3	111.6	26.9	10.5
December.....	23.4	53.6	16.8	48.2	7.8	7.7	5.2	14.8	32.1	105.3	24.5	10.5

<sup>1</sup> Not available. <sup>2</sup> Insufficient reports for annual average.

<sup>3</sup> Pricing shifted to No. 303 can in October 1954.

Source: Department of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics*, Serial No. R1172, and *Monthly Labor Review*.



## No. 380.—INDEXES OF RETAIL PRICES OF FOOD, BY SUBGROUPS: 1947 TO 1954

[1947-49=100. See text, p. 312. See earlier issues of *Statistical Abstract* for indexes on 1935-39=100 base for more detailed groups from 1935 to 1952]

GROUP	Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Total food: <sup>1</sup></b>													
1947.....	95.9	91.0	90.2	93.8	93.1	92.9	94.3	95.6	97.3	100.7	99.8	100.3	102.4
1948.....	104.1	103.8	101.3	100.1	102.9	104.4	106.0	107.3	107.2	106.5	104.7	102.7	101.5
1949.....	100.0	101.4	98.9	99.8	100.4	100.2	101.1	99.9	100.3	101.1	99.3	99.4	97.7
1950.....	101.2	97.0	96.5	97.3	97.7	98.9	100.5	103.1	103.9	104.0	104.3	104.4	107.1
1951.....	112.6	109.9	111.9	112.0	111.7	112.6	112.3	112.7	112.4	112.5	113.5	114.6	115.0
1952.....	114.6	115.0	112.6	112.7	113.9	114.3	114.6	116.3	116.6	115.4	115.0	115.0	113.8
1953.....	112.8	113.1	111.5	111.7	111.5	112.1	113.7	113.8	114.1	113.8	113.6	112.0	112.3
1954.....	112.6	113.1	112.6	112.1	112.4	113.3	113.8	114.6	113.9	112.4	111.8	111.1	110.4
<b>Total food at home:</b>													
1953.....	112.5	112.9	111.1	111.3	111.1	111.7	113.7	113.8	114.1	113.5	113.3	111.4	111.7
1954.....	111.9	112.6	112.0	111.4	111.8	112.8	113.3	114.2	113.3	111.6	110.9	110.1	109.2
<b>Cereals and bakery products:</b>													
1947.....	94.0	86.8	87.2	89.6	92.8	93.3	93.5	93.8	94.2	95.5	97.0	101.6	103.1
1948.....	103.4	104.5	103.9	103.4	103.4	103.5	103.6	103.4	103.3	103.3	102.8	102.8	103.0
1949.....	102.7	103.1	102.8	102.9	103.0	102.9	102.7	102.5	102.5	102.7	102.3	102.4	102.4
1950.....	104.5	102.2	102.3	102.3	102.4	102.7	102.7	103.8	106.2	107.0	107.2	107.4	107.5
1951.....	114.0	112.2	113.2	113.4	113.9	113.9	114.0	114.3	114.2	114.6	114.6	115.1	115.2
1952.....	116.8	115.3	115.5	115.7	115.6	117.2	116.9	117.6	117.5	117.4	117.5	117.5	117.7
1953.....	119.1	117.7	117.6	117.7	118.0	118.4	118.9	119.1	119.5	120.3	120.4	120.6	120.9
1954.....	121.9	121.2	121.3	121.2	121.1	121.3	121.3	121.6	122.3	122.6	122.7	123.1	123.3
<b>Meats, poultry, and fish:</b>													
1947.....	93.5	85.7	84.7	89.4	87.2	87.8	93.4	94.8	98.3	103.6	101.4	97.7	97.8
1948.....	106.1	102.2	96.8	96.7	100.6	105.1	109.8	112.7	114.9	114.2	110.2	106.2	103.9
1949.....	100.5	101.5	95.3	98.8	100.9	100.0	103.6	101.6	103.1	104.9	101.2	98.6	96.1
1950.....	104.9	94.4	95.6	98.7	99.5	103.4	106.1	110.1	112.2	112.4	109.0	107.7	109.1
1951.....	117.2	113.5	116.3	117.2	117.3	117.4	116.9	117.6	118.4	118.6	119.1	117.7	116.3
1952.....	116.2	117.1	116.7	115.2	114.8	114.5	116.5	116.4	119.4	119.2	116.9	114.3	113.0
1953.....	109.9	110.9	107.7	107.4	106.8	109.2	111.3	112.0	114.1	113.5	111.1	107.0	107.8
1954.....	108.0	110.2	109.7	109.5	110.5	111.0	111.1	109.7	107.6	106.7	103.9	103.5	102.2
<b>Dairy products:</b>													
1947.....	96.7	98.7	95.1	97.4	92.9	89.0	89.0	92.8	95.4	101.3	98.7	103.0	106.4
1948.....	106.3	106.8	106.1	104.4	106.9	106.3	106.9	108.5	109.6	108.4	105.4	103.6	103.4
1949.....	96.9	101.8	99.9	98.8	96.0	94.8	94.5	94.6	96.0	96.2	96.9	96.8	96.7
1950.....	95.9	95.6	95.3	94.7	93.3	92.6	92.3	93.8	95.7	97.0	99.6	100.1	100.7
1951.....	107.0	105.2	106.1	106.2	106.0	105.7	105.9	106.5	106.9	107.2	107.9	109.2	110.7
1952.....	111.5	112.0	112.7	112.0	110.4	109.3	108.9	110.2	111.0	112.5	113.2	113.3	112.7
1953.....	109.6	111.6	110.7	110.3	109.0	107.8	107.5	108.3	109.1	109.6	110.1	110.5	110.3
1954.....	106.1	109.7	109.0	108.0	104.6	103.5	102.9	104.3	105.1	105.8	106.7	106.6	106.8
<b>Fruits and vegetables:</b>													
1947.....	97.6	92.0	93.9	97.7	98.1	101.4	100.4	98.9	97.8	97.1	96.3	97.7	100.5
1948.....	100.5	102.0	104.3	101.3	106.5	106.8	105.2	104.5	97.7	95.9	94.8	92.8	94.2
1949.....	101.9	100.5	104.7	105.0	107.1	108.1	106.7	102.9	98.9	97.8	95.2	98.9	97.1
1950.....	97.6	100.3	97.6	95.5	97.4	99.0	102.5	103.6	94.7	91.1	92.9	95.8	99.9
1951.....	106.7	104.8	109.8	106.3	105.2	108.5	107.7	107.0	102.3	100.4	103.2	109.5	115.8
1952.....	117.2	118.2	109.5	113.7	121.1	124.3	122.4	124.0	118.7	111.5	111.3	115.9	115.8
1953.....	113.5	116.7	115.9	115.5	115.0	115.2	121.7	118.2	112.7	106.6	107.7	107.4	109.2
1954.....	111.9	110.8	108.0	107.8	110.0	114.6	117.1	120.1	114.7	110.5	111.1	109.6	108.4
<b>Other foods bought to be prepared at home: <sup>2</sup></b>													
1947.....	100.1	95.7	94.2	97.6	99.3	96.5	95.1	98.0	99.4	104.3	105.7	105.6	109.5
1948.....	102.5	105.8	98.9	97.9	97.4	98.0	100.0	102.0	104.8	106.0	107.8	108.5	103.0
1949.....	97.5	100.5	93.4	93.0	93.1	93.7	94.9	95.8	99.6	102.3	101.3	102.4	99.3
1950.....	101.2	95.1	93.5	95.5	95.1	93.5	94.1	97.7	105.3	107.7	110.4	109.2	117.0
1951.....	114.6	111.2	110.3	112.7	112.4	113.5	113.8	114.8	116.5	118.4	118.9	118.5	114.5
1952.....	109.3	109.1	105.8	104.4	105.0	104.4	105.2	111.5	113.1	113.7	115.1	114.3	110.6
1953.....	112.2	109.7	107.3	109.1	110.4	110.3	110.9	112.3	114.4	116.7	117.4	114.8	113.5
1954.....	114.8	113.5	114.0	112.3	113.6	114.5	115.2	117.3	119.6	116.0	115.7	113.7	112.0

<sup>1</sup> Includes "food away from home" beginning January 1953.

<sup>2</sup> Comprises eggs, beverages (nonalcoholic), fats and oils, sugar and sweets, and miscellaneous foods.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review*.

## No. 381.—INDEXES OF RETAIL PRICES OF FOOD, BY CITIES: 1929 TO 1954

[1947-49=100. See text, p. 311. See also earlier issues of *Statistical Abstract* for indexes on 1935-39=100 base for 56 cities, 1929 to 1952]

CITY	ANNUAL AVERAGE								1953			1954		
	1929	1932	1939	1945	1949	1950	1951	1952	Avg.	June	Dec.	Avg.	June	Dec.
United States <sup>1</sup> .....	65.6	42.8	47.1	68.9	100.0	101.2	112.6	114.6	112.8	113.7	112.3	112.6	113.8	110.4
Atlanta.....	70.2	42.6	46.7	69.3	98.6	99.7	113.1	113.6	113.2	114.5	112.7	112.9	114.7	110.0
Baltimore.....	58.4	39.0	45.5	69.3	100.1	101.3	112.1	114.6	113.2	114.6	112.9	114.1	116.0	111.4
Boston.....	71.2	46.4	49.5	69.4	100.2	101.6	111.6	113.8	110.5	111.2	109.3	110.1	110.8	108.5
Chicago.....	64.4	42.3	45.9	66.7	100.3	101.3	112.9	114.7	111.3	112.4	110.5	110.8	111.6	108.2
Cincinnati.....	66.7	41.3	45.4	67.7	99.1	101.4	112.1	115.3	115.0	116.9	114.8	114.4	114.9	112.0
Cleveland.....	62.6	39.4	46.0	68.4	99.9	101.0	112.3	114.9	110.2	110.5	110.3	110.9	112.4	108.9
Detroit.....	68.0	40.0	47.6	68.9	99.8	103.4	116.5	118.1	115.4	116.7	114.4	115.4	117.5	113.0
Houston.....	61.7	38.1	46.4	65.8	100.3	101.7	112.6	113.4	112.3	112.6	112.4	112.0	112.1	109.8
Kansas City, Mo.....	67.9	44.0	49.3	69.5	98.7	99.9	111.3	113.2	110.5	110.7	109.4	108.9	109.4	107.1
Los Angeles.....	66.1	42.1	46.8	70.8	100.1	100.0	112.8	114.5	113.1	112.3	113.4	112.7	113.1	110.7
Minneapolis.....	64.6	41.5	50.3	68.3	99.3	100.9	112.9	115.5	112.7	112.6	111.8	112.3	113.0	109.9
New York.....	66.0	45.8	47.8	69.3	100.3	101.3	112.0	113.7	111.4	112.0	110.9	111.4	111.6	110.1
Philadelphia.....	66.0	43.8	47.8	69.5	100.1	102.0	113.4	116.5	114.7	115.8	114.7	115.0	116.5	112.6
Pittsburgh.....	65.8	40.8	45.4	67.3	100.0	101.1	112.0	114.0	113.6	114.8	112.9	113.5	115.5	110.8
Portland, Oreg.....	59.5	39.4	45.7	69.5	100.2	102.9	115.8	115.8	113.0	114.0	112.0	112.5	114.3	109.7
St. Louis.....	61.2	38.4	45.7	67.6	99.8	102.1	114.1	116.3	114.4	115.0	115.1	115.3	116.6	112.3
San Francisco.....	59.9	42.0	45.0	69.5	100.9	100.9	111.9	114.5	113.6	114.1	114.2	113.9	115.3	111.8
Scranton.....	69.6	43.9	46.9	69.0	99.7	100.3	111.4	114.4	112.3	113.7	111.8	111.5	113.3	108.1
Seattle.....	62.2	41.9	46.6	69.3	100.2	101.6	112.5	114.9	112.1	113.2	111.0	112.1	113.3	110.8
Washington, D. C.....	67.0	44.4	47.3	69.7	99.9	100.9	111.7	113.6	111.4	113.1	110.7	111.8	113.4	109.7

<sup>1</sup> Based on 46 cities beginning January 1953, 56 cities March 1943–December 1952, and 51 cities prior to March 1943. City indexes not compiled for 26 medium- and small-sized cities included in the national average.

Source: Department of Labor, Bureau of Labor Statistics; *Monthly Labor Review* and historical tables of indexes.

## No. 382.—INDEXES OF RETAIL PRICES OF FUELS AND ELECTRICITY FOR LARGE CITIES COMBINED: 1952 TO 1954

[1947-49=100. As of December]

ITEM	1952	1953	1954
Gas and electricity.....	105.6	107.2	109.1
Solid fuels and fuel oil.....	123.2	125.3	125.5
Gas:			
Gas for space heating.....	107.7	113.6	116.4
Gas other than space heating.....	106.0	108.8	110.6
Electricity:			
Electricity (composite).....	104.3	103.8	105.5
100 KWH.....	100.9	101.3	102.7
Bituminous coal.....	120.0	120.6	120.2
Pennsylvania anthracite.....	135.3	135.0	129.8
Petroleum fuel oil #2.....	116.6	120.9	124.2

Source: Department of Labor, Bureau of Labor Statistics; *Retail Prices and Indexes of Fuels and Electricity*.



**No. 383.—COAL—AVERAGE RETAIL PRICES AND INDEXES FOR LARGE CITIES  
COMBINED: 1935 TO 1954**

<sup>1</sup> Prices not directly comparable because of different methods of calculation and change in number of cities or dealers reporting prices over the period covered. Indexes are comparable. For indexes based on Oct. 1922=Sept. 1925=100, see also *Historical Statistics*, series L 50-51]

YEAR AND MONTH	AVERAGE PRICE PER TON OF 2,000 POUNDS				INDEX (1947-49=100)		
	Bitumi- nous <sup>1</sup>	Pennsylvania anthracite <sup>2</sup>			Bitumi- nous	Pennsylvania anthracite	
		Stove	Buckwheat No. 1	Chestnut		All sizes	Buckwheat No. 1
1935.....	\$8.29	\$11.38	( <sup>3</sup> )	\$11.14	54.4	58.0	52.9
1939.....	8.52	10.79	\$7.64	10.84	56.6	56.5	53.3
1941.....	9.10	11.92	8.43	11.97	60.6	62.3	58.3
1946.....	10.95	15.96	11.15	15.97	74.1	83.2	76.8
1947.....	12.99	17.23	11.95	17.11	87.6	90.3	83.3
1948.....	15.40	19.24	13.13	19.10	104.3	101.4	100.4
1949.....	15.83	20.34	13.67	20.13	108.1	108.3	116.3
1950.....	16.48	21.38	14.17	21.07	112.1	112.5	120.5
1951.....	16.87	23.70	14.81	23.16	114.6	123.4	130.0
1952.....	16.27	( <sup>3</sup> )	15.43	23.06	116.8	125.3	135.5
1953.....	14.95	26.36	17.05	( <sup>3</sup> )	119.2	134.0	153.4
September.....	14.99	26.19	17.24	( <sup>3</sup> )	119.5	134.8	155.1
December.....	15.12	26.34	17.23	( <sup>3</sup> )	120.6	135.0	155.0
1954.....	14.94	25.26	16.74	( <sup>3</sup> )	119.1	129.0	150.6
March.....	15.12	26.36	17.23	( <sup>3</sup> )	120.6	135.0	155.0
June.....	14.70	24.40	16.32	( <sup>3</sup> )	117.2	124.1	146.8
September.....	14.89	24.66	16.54	( <sup>3</sup> )	118.7	126.5	148.8
December.....	15.08	25.40	16.68	( <sup>3</sup> )	120.2	129.8	150.1

<sup>1</sup> Beginning 1952, weighted average price; unweighted for prior years.

<sup>2</sup> Weighted average price. <sup>3</sup> Not available.

Source: Department of Labor, Bureau of Labor Statistics; *Retail Prices and Indexes of Fuels and Electricity*.

**No. 384.—AVERAGE TYPICAL RESIDENTIAL BILLS FOR ELECTRICITY IN CITIES  
OF 50,000 INHABITANTS OR MORE COMBINED: 1935 TO 1954**

[25, 100, and 250 kilowatt-hour consumptions were chosen to represent the typical usage, respectively, of residential consumers who use electricity for lighting and the operation of small appliances only; for lighting, small appliances, and refrigeration; and for lighting, small appliances, refrigeration, and cooking]

JANUARY 1—	AVERAGE BILL IN DOLLARS FOR—			AVERAGE BILL IN CENTS PER KILOWATT-HOUR FOR—			INDEX OF AVERAGE BILL (Jan. 1, 1935=100) FOR—		
	25 kw.- hrs.	100 kw.- hrs.	250 kw.- hrs.	25 kw.- hrs.	100 kw.- hrs.	250 kw.- hrs.	25 kw.- hrs.	100 kw.- hrs.	250 kw.- hrs.
1935.....	1.60	4.47	8.90	6.3	4.5	3.6	100.0	100.0	100.0
1936.....	1.53	4.21	7.85	6.1	4.2	3.1	95.6	94.2	88.2
1937.....	1.45	4.10	7.51	5.8	4.1	3.0	90.6	91.7	84.4
1938.....	1.43	4.03	7.34	5.7	4.0	2.9	89.4	90.2	82.5
1939.....	1.40	3.96	7.21	5.6	4.0	2.9	87.5	88.6	81.0
1940.....	1.36	3.88	7.05	5.4	3.9	2.8	85.0	86.8	79.2
1941.....	1.34	3.83	6.98	5.4	3.8	2.8	83.8	85.7	78.4
1942.....	1.34	3.80	6.95	5.4	3.8	2.8	83.8	85.0	78.1
1943.....	1.33	3.80	6.94	5.3	3.8	2.8	83.1	85.0	78.0
1944.....	1.33	3.78	6.92	5.3	3.8	2.8	83.1	84.6	77.8
1945.....	1.32	3.76	6.89	5.3	3.8	2.8	82.5	84.1	77.4
1946.....	1.28	3.73	6.86	5.1	3.7	2.7	80.0	83.4	77.1
1947.....	1.23	3.64	6.78	4.9	3.6	2.7	76.9	81.4	76.2
1948.....	1.24	3.64	6.79	5.0	3.6	2.7	77.5	81.4	76.3
1949.....	1.25	3.68	6.87	5.0	3.7	2.7	78.1	82.3	77.2
1950.....	1.24	3.64	6.81	5.0	3.6	2.7	77.5	81.4	76.5
1951.....	1.24	3.62	6.77	5.0	3.6	2.7	77.5	81.0	76.1
1952.....	1.24	3.63	6.79	5.0	3.6	2.7	77.5	81.2	76.3
1953.....	1.28	3.69	6.93	5.1	3.7	2.8	80.0	82.6	77.9
1954.....	1.29	3.70	6.96	5.2	3.7	2.8	80.6	82.8	78.2

Source: Federal Power Commission; annual report, *Typical Electric Bills, Including Residential, Commercial and Industrial Service: Cities of 50,000 Population and More*.

# No. 385.—LOWEST AND HIGHEST NET MONTHLY RESIDENTIAL ELECTRIC BILLS FOR 250 KILOWATT-HOURS USE, BY STATES: 1954

[Based on rates as of January 1, for communities of 2,500 inhabitants or more]

DIVISION AND STATE	SERVED BY PRIVATELY OWNED UTILITIES		SERVED BY PUBLICLY OWNED UTILITIES		COMMUNITIES OF 50,000 INHABITANTS OR MORE		COMMUNITIES OF 10,000 TO 50,000 INHABITANTS		COMMUNITIES OF 2,500 TO 10,000 INHABITANTS	
	Util- ities	Com- muni- ties	Util- ities	Com- muni- ties	Low- est bills	High- est bills	Low- est bills	High- est bills	Low- est bills	High- est bills
<b>New England:</b>										
Maine.....	7	46	4	4	<sup>1</sup> \$7.95	<sup>1</sup> \$7.95	\$7.88	\$7.95	*\$7.00	\$10.42
New Hampshire.....	6	20	1	1	<sup>1</sup> 8.29	<sup>1</sup> 8.29	7.38	8.90	7.58	9.05
Vermont.....	3	16	1	1	( <sup>2</sup> )	( <sup>2</sup> )	*8.10	9.50	7.00	10.13
Massachusetts.....	25	113	22	23	*6.75	9.51	*6.18	10.27	*7.00	10.28
Rhode Island.....	3	21			8.51	8.85	8.38	8.85	8.51	8.85
Connecticut.....	7	58	7	8	6.88	8.37	*6.21	8.52	*6.25	8.85
<b>Middle Atlantic:</b>										
New York.....	14	236	24	25	5.03	8.38	*4.79	9.15	*4.93	*9.63
New Jersey.....	5	225	6	7	7.19	8.39	7.19	*10.25	7.19	*9.90
Pennsylvania.....	19	383	24	24	6.48	8.50	6.90	9.54	*6.30	*13.05
<b>East North Central:</b>										
Ohio.....	10	180	46	48	*5.40	7.50	*5.40	8.10	*5.40	*9.25
Indiana.....	6	88	34	34	*5.40	7.45	*5.60	7.60	*6.05	*10.15
Illinois.....	11	225	33	33	*4.80	7.02	5.78	8.05	5.78	*11.00
Michigan.....	11	125	30	31	*5.80	7.74	*5.78	7.80	*5.75	*8.80
Wisconsin.....	9	77	33	34	4.85	7.65	*4.85	9.10	*4.75	9.35
<b>West North Central:</b>										
Minnesota.....	7	44	46	46	7.17	8.13	*4.70	9.11	*5.38	*10.16
Iowa.....	10	63	27	27	5.75	9.25	*5.40	9.80	5.75	*10.75
Missouri.....	11	77	38	38	*6.00	7.40	*5.75	*9.99	*5.94	*10.50
North Dakota.....	3	11	2	2	( <sup>2</sup> )	( <sup>2</sup> )	7.25	9.00	*6.00	9.08
South Dakota.....	6	19	7	7	<sup>1,3</sup> 7.75	<sup>1,3</sup> 8.38	7.95	9.48	*7.13	*10.50
Nebraska.....			29	41	*5.04	*6.47	*4.59	*7.10	*5.04	*8.60
Kansas.....	7	39	32	32	*4.95	5.85	5.19	*9.90	5.19	*10.90
<b>South Atlantic:</b>										
Delaware.....	1	4	6	6	18.00	18.00	( <sup>2</sup> )	( <sup>2</sup> )	8.05	*10.80
Maryland.....	6	39	2	2	<sup>1</sup> 7.45	<sup>1</sup> 7.45	5.84	10.44	5.84	10.44
Virginia.....	6	74	13	14	5.84	7.74	*5.00	*8.35	7.00	10.29
West Virginia.....	7	57	2	2	7.15	7.15	7.15	7.65	7.00	8.00
North Carolina.....	4	66	36	37	6.36	6.75	*6.20	*8.75	*6.35	*9.20
South Carolina.....	5	60	18	19	6.36	7.28	*6.25	*7.00	*4.99	*8.50
Georgia.....	6	65	39	39	6.13	7.65	*5.60	*8.03	*5.00	7.90
Florida.....	5	81	25	25	6.75	9.30	6.85	*10.75	6.85	*11.47
District of Columbia.....	1	1			<sup>1</sup> 5.84	<sup>1</sup> 5.84				
<b>East South Central:</b>										
Kentucky.....	6	56	16	16	5.60	7.28	*4.13	*9.00	*4.13	*9.08
Tennessee.....	3	5	58	68	*5.00	*5.00	*3.50	7.10	*3.50	7.10
Alabama.....	4	56	30	33	5.60	5.60	*3.50	*7.30	*3.50	*7.55
Mississippi.....	2	33	20	20	<sup>1</sup> 7.54	<sup>1</sup> 7.54	*3.50	*8.40	*3.50	*9.26
<b>West South Central:</b>										
Arkansas.....	5	49	14	14	<sup>1</sup> 7.38	<sup>1</sup> 7.38	*6.20	8.70	*6.70	8.98
Louisiana.....	5	58	23	23	6.83	8.46	*6.75	*9.75	6.83	*11.00
Oklahoma.....	4	59	29	29	6.97	7.69	6.97	*11.00	*6.00	*11.53
Texas.....	12	232	52	56	5.58	8.29	5.58	8.86	*4.25	9.75
<b>Mountain:</b>										
Montana.....	3	26	2	2	( <sup>2</sup> )	( <sup>2</sup> )	6.83	6.83	6.00	*8.25
Idaho.....	7	28	4	4	( <sup>2</sup> )	( <sup>2</sup> )	4.96	6.95	4.96	8.04
Wyoming.....	9	17	3	3	( <sup>2</sup> )	( <sup>2</sup> )	6.20	7.33	*6.10	11.19
Colorado.....	6	25	13	16	6.00	8.07	*5.85	7.80	*5.45	*10.25
New Mexico.....	5	20	8	8	<sup>1</sup> 6.41	<sup>1</sup> 6.41	6.75	8.20	6.41	*10.40
Arizona.....	5	32	3	3	<sup>1</sup> 7.27	<sup>1</sup> 7.27	*6.31	6.85	6.61	11.30
Utah.....	3	19	14	14	6.68	6.68	*5.71	*6.25	*5.49	8.27
Nevada.....	5	9	1	1	( <sup>2</sup> )	( <sup>2</sup> )	4.56	7.51	*4.30	11.70
<b>Pacific:</b>										
Washington.....	3	35	22	31	*3.20	4.61	*4.00	5.72	*3.25	5.82
Oregon.....	6	45	9	9	<sup>1</sup> 5.25	<sup>1</sup> 5.25	*3.30	6.90	*3.75	7.20
California.....	9	273	23	32	*4.68	6.78	4.13	*9.26	*4.82	10.15

\* Publicly owned utility.

<sup>1</sup> Only 1 community in this population group.

<sup>2</sup> No community in this population group.

<sup>3</sup> Served by 2 utilities.

Source: Federal Power Commission; annual report on typical residential electric bills, Jan. 1, 1954.



# No. 386.—ELECTRICITY PRICES—NET MONTHLY BILLS FOR SPECIFIED QUANTITIES, BY CITIES: 1953 AND 1954

[Based on rates as of December 15 and includes all applicable taxes]

CITY	40 KW.-HRS.		100 KW.-HRS.		200 KW.-HRS.	
	1953	1954	1953	1954	1953	1954
Atlanta.....	\$1.86	\$1.86	\$3.72	\$3.73	\$5.79	\$5.81
Baltimore.....	1.96	2.06	3.86	4.04	6.52	6.83
Boston.....	2.19	2.17	4.74	4.69	7.92	7.83
Chicago.....	1.64	1.80	3.35	3.75	5.35	5.90
Cincinnati.....	1.62	1.63	3.27	3.30	5.52	5.56
Cleveland.....	1.48	1.48	3.21	3.21	5.40	5.40
Detroit.....	2.02	2.02	3.85	3.85	6.59	6.59
Houston.....	1.31	1.31	2.83	2.83	4.83	4.83
Kansas City, Mo.....	1.99	1.99	3.72	3.72	6.15	6.15
Los Angeles.....	1.42	1.42	2.77	2.77	4.27	4.27
Minneapolis.....	1.90	1.90	3.80	3.80	6.65	6.65
New York.....	2.26	2.25	4.69	4.68	7.54	7.50
Philadelphia.....	2.28	2.28	3.78	3.78	5.58	5.58
Pittsburgh.....	2.20	2.20	3.95	3.95	5.95	5.95
Portland, Oreg.....	1.40	1.40	3.05	3.05	4.85	4.85
St. Louis.....	1.72	1.72	3.22	3.22	5.72	5.72
San Francisco.....	2.02	2.02	3.64	3.64	5.84	5.84
Seranton.....	2.15	2.15	4.10	4.10	6.60	6.60
Seattle.....	1.20	1.20	2.52	2.52	3.92	3.92
Washington, D. C.....	1.74	1.74	2.94	2.94	4.95	4.95

Source: Department of Labor, Bureau of Labor Statistics; *Retail Prices and Indexes of Fuels and Electricity*.

# No. 387.—GAS PRICES—NET MONTHLY BILLS FOR SPECIFIED QUANTITIES, BY CITIES: 1953 AND 1954

[Based on rates as of December 15 and includes all applicable taxes. One therm=100,000 British thermal units]

CITY AND KIND OF GAS	10 THERMS		25 THERMS	
	1953	1954	1953	1954
Atlanta.....natural.....	\$1.51	\$1.52	\$2.47	\$2.51
Baltimore.....do.....	2.49	2.49	4.23	4.22
Boston.....manufactured.....	3.77	4.07	7.59	7.65
Chicago.....mixed.....	1.58	1.58	3.30	3.16
Cincinnati.....natural.....	1.06	1.12	2.11	2.25
Cleveland.....do.....	.90	.90	1.73	1.73
Detroit.....do.....	1.32	1.29	2.79	2.71
Houston.....do.....	1.29	1.29	2.13	2.14
Kansas City, Mo.....do.....	.68	1.06	1.39	1.90
Los Angeles.....do.....	1.46	1.67	2.34	2.57
Minneapolis.....do.....	1.50	1.50	2.58	2.58
New York:				
Co. No. 1.1.....manufactured.....	2.81	2.79	5.89	5.85
Co. No. 4.....natural.....	2.81	2.78	6.00	5.95
Co. No. 5.....do.....	3.11	3.05	6.78	6.64
Co. No. 6.....do.....	3.10	3.06	6.46	6.35
Co. No. 12.....do.....	3.16	3.18	6.71	6.78
Philadelphia.....mixed.....	1.93	1.93	4.49	4.49
Pittsburgh.....natural.....	1.26	1.32	2.00	2.08
Portland, Oreg.....manufactured.....	2.89	3.05	6.27	5.88
St. Louis.....natural.....	1.72	1.72	3.79	3.79
San Francisco.....do.....	1.15	1.15	1.82	1.82
Seranton.....manufactured.....	3.22	3.22	6.26	6.26
Seattle.....do.....	5.00	5.00	11.01	7.17
Washington, D. C.....natural.....	1.85	1.77	4.07	3.88

Source: Department of Labor, Bureau of Labor Statistics; *Retail Prices and Indexes of Fuels and Electricity*.

# No. 388.—ANNUAL AVERAGE UNIT VALUES OF IMPORTANT ARTICLES IMPORTED: 1925 TO 1953

[Values required by law to represent values in foreign markets whence exported to United States. "Ton" signifies long ton of 2,240 pounds except where otherwise specified. Averages obtained by dividing total value of imports (for consumption) of specified article by total quantity. Where, as in some commodities, considerable price variations may exist between different grades, methods of packing, etc., and proportions of grades, etc., may vary from year to year, such averages may show actual price movements only roughly]

ARTICLE	1925	1930	1935	1940	1945	1950	1951	1952	1953
Cheese.....cents per pound..	27.8	26.7	22.9	23.0	25.1	42.7	43.0	47.1	48.8
Fish, cured:									
Herring.....dollars per barrel (200 pounds)...	13.30	14.13	10.66	9.63	18.80	19.73	19.53	20.81	21.33
Mackerel.....do.....	15.60	12.40	10.56	10.17	27.43	29.09	32.78	32.95	26.86
Hides and skins:									
Cattle.....cents per pound..	16.0	13.0	8.6	8.8	13.1	21.7	34.4	20.6	19.2
Goat.....do.....	40.7	40.7	24.3	23.1	40.2	62.7	75.2	46.5	52.7
Wheat.....dollars per bushel..	1.39	.98	.78	.68	1.34	1.90	1.67	1.76	2.07
Bananas.....cents per bunch..	53.52	55.46	50.95	55.57	69.32	108.36	110.59	110.84	132.91
Cocoa (beans and shells).....cents per pound..	10.0	8.4	4.4	4.4	7.4	25.0	32.1	31.0	29.6
Coffee.....do.....	22.3	13.1	7.8	6.2	12.7	44.8	50.6	51.3	52.7
Tea.....do.....	31.2	26.6	19.9	22.9	34.9	47.1	47.0	41.9	44.0
Cane sugar.....do.....	2.76	1.85	2.26	1.94	3.07	5.17	5.31	5.41	5.59
Whiskey.....dollars per proof gallon..	3.47	(1)	4.53	3.98	4.00	5.72	5.46	5.62	5.59
Wines.....dollars per gallon..	1.93	2.62	3.17	2.24	3.02	3.52	3.40	3.37	3.44
Rubber, crude.....cents per pound..	48.4	12.9	11.4	17.4	31.4	25.5	49.1	34.3	22.9
Shellac.....do.....	51.0	27.3	13.6	11.9	29.6	35.6	44.4	32.9	24.5
Copra.....do.....	5.0	3.7	2.1	1.3	3.0	8.8	9.2	6.1	8.9
Tobacco, leaf:									
Cigar wrappers.....dollars per pound..	2.34	1.60	2.18	1.56	2.38	4.94	4.75	4.49	4.59
Other leaf.....cents per pound..	80.27	52.99	36.65	49.88	98.69	81.81	77.75	76.56	61.74
Cotton, unmanufactured.....do.....	33.7	19.7	14.0	8.1	11.2	21.7	42.2	26.4	16.6
Jute and jute butts.....dollars per ton..	190.69	107.76	72.82	126.65	167.82	281.26	281.75	273.46	178.77
Jute burlaps.....cents per pound..	13.6	9.1	7.0	9.0	14.2	21.6	33.5	23.6	17.3
Flax.....dollars per ton..	680.59	429.26	490.07	504.55	315.20	462.74	731.19	565.68	443.37
Sisal.....do.....	170.79	138.50	71.03	84.25	151.17	251.00	415.94	421.83	239.05
Manila.....do.....	290.51	138.08	80.52	94.99	225.18	485.17	597.90	456.18	438.59
Wool:									
Carpet.....cents per pound (actual weight)...	30	20	14	23	21	46	97	51	49
Clothing.....do.....	46	26	23	22	32	66	144	76	66
Combing.....do.....	53	25	21	24	32	70	136	78	77
Silk, raw.....dollars per pound..	6.21	3.57	1.42	2.79	10.41	2.68	4.07	4.42	4.79
Boards, planks, deals <sup>2</sup> dollars per M board feet..	30.33	23.84	24.54	31.45	52.15	75.83	88.92	87.17	83.14
Pulpwood.....dollars per cord..	10.20	10.76	7.48	8.49	13.47	17.22	19.66	22.13	21.71
Wood pulp.....dollars per ton..	55.09	49.63	36.59	49.15	66.00	100.70	149.28	140.01	121.95
Newsprint paper.....cents per pound..	3.6	2.9	1.7	2.3	2.8	4.6	5.2	5.7	6.0
Petroleum, crude.....cents per gallon..	2.9	2.5	1.7	1.8	2.5	5.1	5.0	5.0	5.1
Manganese ore.....cents per pound..	1.17	1.08	.99	1.31	2.00	1.56	2.50	3.25	3.68
Copper, pigs, ingots, bars <sup>4</sup> .....do.....	12.9	13.2	6.9	10.0	10.8	18.2	24.5	30.6	32.1
Nickel, pigs, ingots, bars.....do.....	20.49	25.05	25.28	25.00	27.30	42.22	52.63	55.85	60.03
Tin, bars, blocks, pigs.....do.....	55.40	33.31	48.50	45.89	48.43	82.42	118.0	119.5	105.3
Sodium nitrate.....dollars per ton..	47.23	37.71	20.32	18.74	21.84	36.23	37.23	40.91	40.90

<sup>1</sup> No importation.

<sup>2</sup> Excludes cabinet woods; includes clapboard beginning 1939.

<sup>3</sup> Tons of 2,000 pounds, air-dry weight.

<sup>4</sup> Unrefined copper.

<sup>5</sup> Short tons.

Source: Department of Commerce, Bureau of the Census.



No. 389.—ANNUAL AVERAGE UNIT VALUES OF IMPORTANT DOMESTIC ARTICLES  
EXPORTED: 1925 TO 1953

[Values of goods required by law to represent market value at port of exportation. See headnote, table 388]

ARTICLE	1925	1930 *	1935	1940	1945	1950	1951	1952	1953
Lard.....cents per pound..	17.1	11.4	12.3	6.3	16.1	13.3	19.2	13.6	12.8
Milk, condensed and evaporated.....do.....	11.7	11.5	7.4	7.4	13.1	14.3	15.3	17.9	16.4
Cheese.....do.....	26.3	25.7	22.0	22.2	31.9	15.5	31.8	51.5	44.6
Eggs.....cents per dozen..	30.1	27.2	29.7	23.3	46.4	43.2	51.7	44.9	49.3
Corn.....dollars per bushel..	1.12	.94	1.50	.67	1.42	1.58	1.90	1.93	1.77
Rice.....cents per pound..	4.9	3.8	3.0	2.9	6.8	7.7	8.7	8.9	9.9
Wheat.....dollars per bushel..	1.72	1.00	.91	.78	1.87	1.96	2.10	2.28	2.15
Wheat flour.....dollars per bbl..	7.65	5.31	4.53	3.70	7.15	8.29	9.34	9.39	9.40
Sugar.....cents per pound..	3.7	2.4	2.3	3.1	6.1	5.0	6.9	4.9	6.2
Tobacco leaf.....do.....	32.7	25.8	35.1	20.1	50.7	53.1	62.8	62.6	66.0
Cotton <sup>2</sup> .....do.....	24.5	14.4	12.4	10.9	21.9	35.6	44.4	42.3	36.4
Boards, planks, and scantlings:									
Softwoods.....dollars per M board feet..	36.12	29.45	23.41	35.01	61.53	85.15	86.80	99.56	94.34
Hardwoods.....do.....	71.12	62.50	50.46	57.73	96.30	165.50	164.77	151.78	149.21
Coal:									
Anthracite.....dollars per short ton..	11.19	9.61	8.20	7.95	9.87	16.06	14.95	16.09	19.04
Bituminous.....do.....	4.39	3.73	3.62	3.69	5.29	8.11	8.74	8.82	8.39
Petroleum, crude.....cents per gallon..	4.4	3.2	2.8	3.1	3.9	7.0	6.9	7.0	7.2
Motor fuel, gasoline, and naphtha <sup>3</sup> .....do.....	15.3	9.4	5.7	7.7	<sup>4</sup> 13.5	<sup>4</sup> 12.5	<sup>4</sup> 13.2	<sup>4</sup> 14.5	<sup>4</sup> 15.2
Kerosene.....do.....	9.5	9.0	5.6	6.1	4.6	9.8	10.0	9.5	9.4
Lubricating oils.....do.....	22.6	21.9	17.7	21.8	30.3	30.4	38.1	39.8	34.6
Iron and steel scrap.....dollars per ton..	16.68	15.51	10.15	16.87	17.38	28.25	32.89	36.75	36.8
Tin plate, terneplate, and taggers' tin									
cents per pound..	5.1	5.0	4.3	5.2	5.3	8.0	10.2	9.6	9.1
Copper, refined.....do.....	14.5	13.4	7.7	11.5	10.7	20.1	27.0	34.3	31.3
Motortrucks, buses, and chassis (new)									
dollars per unit..	643	663	512	831	2,448	<sup>(5)</sup>	<sup>(5)</sup>	<sup>(5)</sup>	<sup>(5)</sup>
Passenger cars (new).....do.....	757	692	548	645	1,200	1,489	1,567	<sup>6</sup> 1,730	<sup>6</sup> 1,736

<sup>1</sup> Refined sugar only.

<sup>2</sup> Excludes linters.

<sup>3</sup> Includes natural gasoline.

<sup>4</sup> Includes mineral spirits not reported separately since 1940.

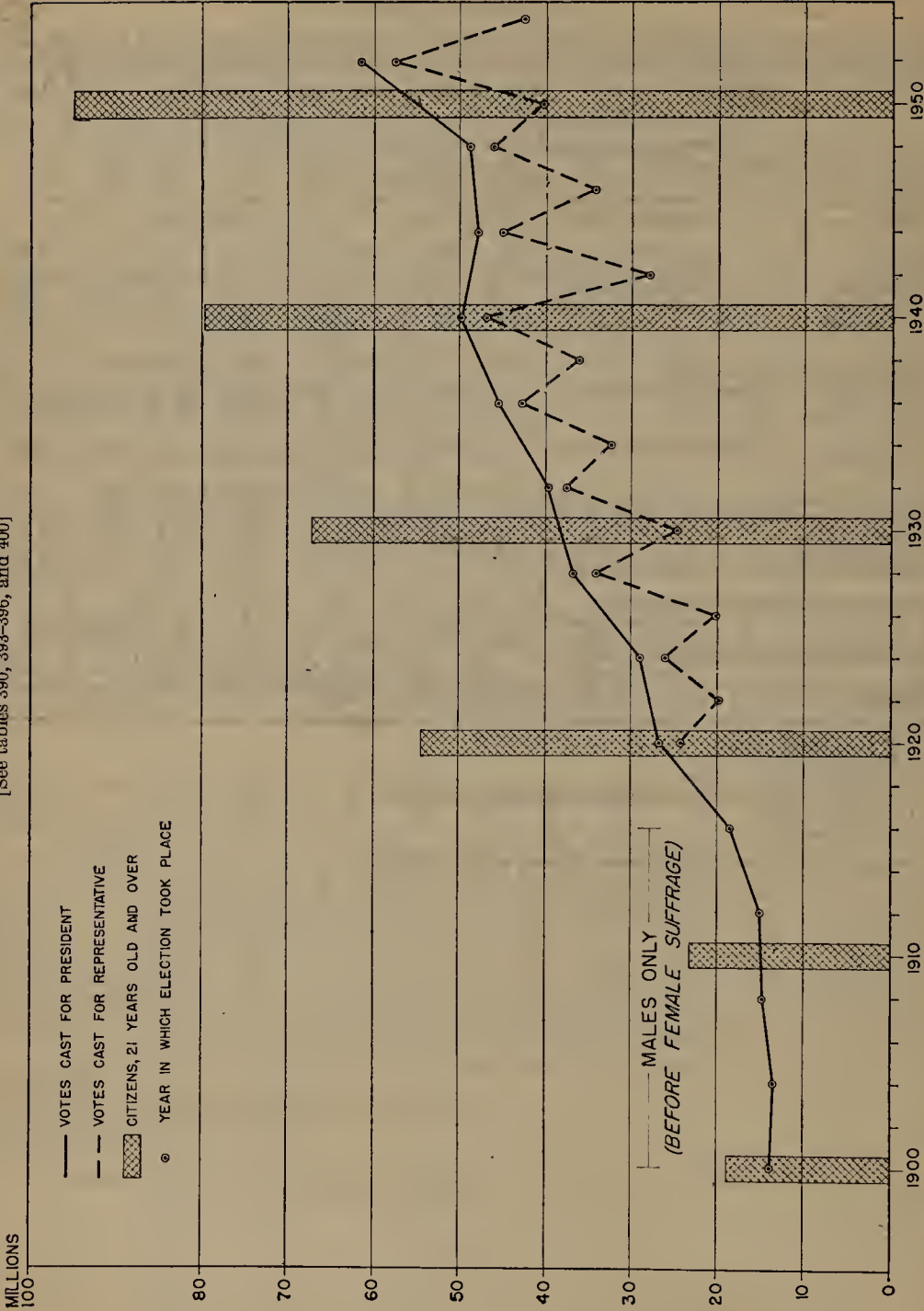
<sup>5</sup> Not available.

<sup>6</sup> Nonmilitary.

Source: Department of Commerce, Bureau of the Census.

FIG. XXV.—PARTICIPATION IN NATIONAL ELECTIONS: 1900 TO 1954

[See tables 390, 393-396, and 400]



Source: Department of Commerce, Bureau of the Census. For source of election data, see headnote.



### 13. Elections

This section relates to popular participation in, and results of Presidential, Congressional and gubernatorial elections. Official statistics on elections for Federal offices are collected by the Clerk of the House of the United States Congress and published biennially in *Statistics of the Presidential and Congressional Election*. Data on Federal elections also appear in the United States Congress, *Congressional Directory*, and in the official State documents (Registers, Manuals, Reports of the Secretary of State, etc.) of the separate States.

Almost all of the more than 100,000 governmental units in the United States conduct elections at various intervals—annual, biennial, quadrennial, or longer—for different types of offices and other purposes. No regular and complete system exists for reporting either the number of elections held or the numbers of votes cast for the multitude of candidates, except for Federal offices, and, in most States, for State offices. Few States require central reporting on local elections. The numbers of governments holding elections and the numbers of voters participating vary between Presidential and the intervening Congressional election years, and between even-numbered and odd-numbered years.

The conduct of elections in the United States for Federal, State, and local offices and on State and local issues is regulated by State laws or, in some cities and a few counties, by local charters. An important exception is that the United States Constitution prescribes the basis of representation in Congress and the manner of electing the President of the United States and grants to Congress the right to regulate the times, places, and manner of electing Federal officers.

The election of the President of the United States is provided for in the Constitution, article II, section 1, through the establishment of an electoral college in each State, for each Presidential election. The method of casting the electoral vote was modified in 1804 by the adoption of the 12th Amendment to the Constitution. The number of electors, and therefore of electoral votes, is "equal to the whole number of Senators and Representatives to which the State may be entitled in Congress." The electors are elected by popular vote in all States.

The number of members in the House of Representatives is fixed by the Congress at the time of each apportionment; since 1912 it has remained constant. The 14th Amendment to the Constitution, in effect at the present time, provides that "Representatives shall be apportioned among the several States according to their respective numbers, counting the whole number of persons in each State . . ." The Constitution also requires that each State have at least one Representative.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series P 27-31") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

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Note.—This section presents data for the most recent year or period available on March 16, 1955, when the material was organized and sent to the printer.

No. 390.—ELECTORAL AND POPULAR VOTE CAST FOR PRESIDENT, 1888 TO 1952, AND VOTE CAST FOR REPRESENTATIVES, 1920 TO 1954, BY MAJOR POLITICAL PARTIES

[See also *Historical Statistics* P 27-31]

YEAR	PRESIDENTIAL VOTE CAST								
	Total popular vote <sup>1</sup>	Republican			Democrat			Percent of popular vote	
		Popular vote	Electoral vote	Candidate	Popular vote	Electoral vote	Candidate	Rep.	Dem.
	1,000	1,000			1,000				
1888	11,381	5,444	233	Harrison	5,540	168	Cleveland	47.8	48.7
1892	12,044	5,191	145	do	5,554	277	do	43.1	46.1
1896	13,813	7,036	271	McKinley	<sup>2</sup> 6,468	176	Bryan	50.9	<sup>2</sup> 46.8
1900	13,965	7,220	292	do	6,358	155	do	51.7	45.5
1904	13,524	7,629	336	T. Roosevelt	5,084	140	Parker	56.4	37.6
1908	14,887	7,679	321	Taft	6,409	162	Bryan	51.6	43.1
1912	15,031	3,484	8	do	6,286	435	Wilson	23.2	41.8
1916	18,528	8,534	254	Hughes	9,128	277	do	46.1	49.3
1920	26,813	16,147	404	Harding	9,141	127	Cox	60.2	34.1
1924	<sup>3</sup> 29,091	15,725	382	Coolidge	8,387	136	Davis	54.1	28.8
1928	36,812	21,391	444	Hoover	15,016	87	Smith	58.1	40.8
1932	39,751	15,762	59	do	22,822	472	F. D. Roosevelt	39.7	57.4
1936	45,647	16,680	8	Landon	27,477	523	do	36.5	60.2
1940	49,820	<sup>4</sup> 22,304	82	Willkie	<sup>5</sup> 26,827	449	do	44.8	53.8
1944	47,976	22,006	99	Dewey	<sup>6</sup> 24,777	432	do	45.9	51.6
1948	48,834	21,969	189	do	<sup>7</sup> 24,106	303	Truman	45.0	49.4
1952	61,552	33,779	442	Eisenhower	<sup>8</sup> 27,315	89	Stevenson	54.9	44.4

PRESIDENTIAL VOTE CAST—Con.					VOTE CAST FOR REPRESENTATIVES <sup>13</sup>					
YEAR	Social- ist and Soc.- Labor	Misc. inde- pend- ent <sup>9</sup>	Prohi- bition	Com- mu- nist	YEAR	Total <sup>14</sup>	Re- publi- can	Demo- cratic	Percent of total	
									Rep.	Dem.
	1,000	1,000	1,000	1,000		1,000	1,000	1,000		
1888		147	250		1920	<sup>15</sup> 25,080	14,758	8,919	58.8	35.6
1892		1,027	271		1922	20,409	10,548	9,131	51.7	44.7
1896	<sup>10</sup> 36	132	142		1924	26,884	14,932	10,854	55.5	40.4
1900	128	50	209		1926	20,613	11,643	8,284	56.5	40.2
1904	436	115	259		1928	34,154	19,163	14,361	56.1	42.0
1908	435	112	253		1930	24,777	13,032	11,044	52.6	44.6
1912	926	4,126	209		1932	37,657	15,575	20,540	41.4	54.5
1916	600	46	221		1934	32,530	13,558	17,385	41.7	53.4
1920	927	410	188		1936	42,886	17,003	23,944	39.6	55.8
1924	<sup>10</sup> 36	<sup>11</sup> 4,848	58	<sup>12</sup> 36	1938	36,236	17,047	17,612	47.0	48.6
1928	289	46	20	<sup>12</sup> 49	1940	46,951	21,393	24,092	45.6	51.3
1932	918	65	82	103	1942	<sup>16</sup> 28,074	14,203	12,934	<sup>16</sup> 50.6	<sup>16</sup> 46.1
1936	197	1,177	37	80	1944	45,103	21,303	22,808	47.2	50.6
1940	110	<sup>4</sup> 5,472	58	49	1946	34,398	18,400	15,221	53.5	44.3
1944	106	<sup>6</sup> 1,012	75		1948	46,142	20,920	23,820	45.3	51.6
1948	168	<sup>7</sup> 2,488	103		1950	40,430	19,750	19,785	48.9	48.9
1952	50	<sup>8</sup> 335	73		1952	57,571	28,399	28,336	49.3	49.2
					1954	42,580	20,034	22,175	47.0	52.1

<sup>1</sup> Totals for years prior to 1928 exclude votes cast for names not appearing on electoral tickets for parties specified. Totals for 1928-44 exclude void and blank ballots.

<sup>2</sup> Democrat-Populist.

<sup>3</sup> Includes scattering votes; 445 in Iowa; 633 in New Jersey; and 131 in Pennsylvania.

<sup>4</sup> Included with Miscellaneous are 798 Union votes cast in endorsement of Republican candidate.

<sup>5</sup> Included with Miscellaneous are 417,415 American Labor votes cast in endorsement of Democratic candidate.

<sup>6</sup> Included with Miscellaneous are 496,405 American Labor and 329,235 Liberal votes cast in endorsement of Democratic candidate.

<sup>7</sup> Included with miscellaneous are 1,169,021 votes for Thurmond (States' Rights Democrats) and 1,156,103 votes cast for Wallace (Progressives, etc.); included with Democratic are 222,562 Liberal votes cast for Democratic nominees.

<sup>8</sup> Included with Democratic are 416,711 Liberal Party votes.

<sup>9</sup> For 1888, Union Labor Party; 1892, 1900, and 1904, Populist; 1896, National Democrat; 1908, Populist and Independent; 1912, Progressive; 1916 to 1952, miscellaneous.

<sup>10</sup> Socialist-Labor only.

<sup>11</sup> Includes 4,822,856 votes cast for La Follette and Wheeler, official candidates of both Socialist and Independent Progressive parties.

<sup>12</sup> Workers Party.

<sup>13</sup> See also tables 395 and 396.

<sup>14</sup> Includes minor party votes; and for certain years scattering, void, and blank votes.

<sup>15</sup> Excludes votes for Georgia; statistics not furnished by State authorities.

<sup>16</sup> Although the Republican Party received 50.6 percent of the total vote cast, the Democratic Party won a greater number of individual contests for Representatives (221 as against 210 for the Republicans) and thereby retained control of the House of Representatives.

Source: 1888-1912, reports of State officials on file in Department of State. 1916, *The Presidential Vote 1896-1932*, E. E. Robinson. U. S. Congress, Clerk of the House; 1920, 1924, 1948, and 1952, *Statistics of the Presidential and Congressional Election*, and 1922, 1926, 1946, 1950, and 1954, *Statistics of the Congressional Election*. 1928-44, Dept. of Commerce, Bureau of the Census; Elections, 1944: No. 5, *Vote Cast in Presidential and Congressional Elections*, 1928-44.



# No. 391.—APPORTIONMENT OF CONGRESSIONAL REPRESENTATION, BY STATES, FROM ADOPTION OF CONSTITUTION TO 1950

[Population figures used for apportionment comprise the total of State populations less the population of District of Columbia. Until 1940, population for apportionment purposes excluded Indians not taxed and until 1870, excluded two-fifths of slaves. Until 1850, apportionment ratios were chosen arbitrarily; 1850 to 1900, ratios were apportionment population of U. S. divided by predetermined number of Representatives; from 1910 on, apportionment ratios shown were computed by dividing fixed number (435) of Representatives into apportionment population but were not used in the original calculations, which were based on priority lists. No reapportionment based on 1920 Population Census. For discussion of apportionment methods, see S. Doc. No. 304, 76th Cong., 3d sess., *A Survey of Methods of Apportionment in Congress*, by Edward V. Huntington. See also *Historical Statistics*, series P 57-61, which shows apportionment totals under Apportionment Act, excluding Representatives assigned after apportionment (footnote 6 below)]

STATE	Con- stitu- tion	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1930	1940	1950
Apportionment ratios...1,000	130	33	33	35	40	48	71	93	127	131	152	174	194	<sup>2</sup> 211	<sup>2</sup> 281	<sup>2</sup> 301	<sup>2</sup> 345
NUMBER OF REPRESENTA- TIVES																	
Total	65	106	142	186	213	242	232	<sup>3</sup> 237	<sup>4</sup> 243	<sup>5</sup> 293	332	357	391	435	435	435	435
Alabama				<sup>6</sup> 1	3	5	7	7	6	8	8	9	9	10	9	9	9
Arizona														<sup>7</sup> 1	1	2	2
Arkansas						<sup>6</sup> 1	1	2	3	4	5	6	7	7	7	7	6
California							<sup>6</sup> 2	2	3	4	6	7	8	11	20	23	30
Colorado										<sup>6</sup> 1	1	2	3	4	4	4	4
Connecticut	5	7	7	7	6	6	4	4	4	4	4	4	5	5	6	6	6
Delaware	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Florida						<sup>6</sup> 1	1	1	2	2	2	2	3	4	5	6	8
Georgia	3	2	4	6	7	9	8	8	7	9	10	11	11	12	10	10	10
Idaho											<sup>6</sup> 1	1	1	2	2	2	2
Illinois				<sup>6</sup> 1	1	3	7	9	14	19	20	22	25	27	27	26	25
Indiana				<sup>6</sup> 1	3	7	10	11	11	13	13	13	13	13	12	11	11
Iowa							<sup>6</sup> 2	2	6	9	11	11	11	11	9	8	8
Kansas									1	3	7	8	8	8	7	6	6
Kentucky		2	6	10	12	13	10	10	9	10	11	11	11	11	9	9	8
Louisiana				<sup>6</sup> 1	3	3	4	4	5	6	6	6	7	8	8	8	8
Maine				<sup>8</sup> 7	7	8	7	6	5	5	4	4	4	4	3	3	3
Maryland	6	8	9	9	9	8	6	6	5	6	6	6	6	6	6	6	7
Massachusetts	8	14	17	13	13	12	10	11	10	11	12	13	14	16	15	14	14
Michigan						<sup>6</sup> 1	3	4	6	9	11	12	12	13	17	17	18
Minnesota								<sup>6</sup> 2	2	3	5	7	9	10	9	9	9
Mississippi				<sup>6</sup> 1	1	2	4	5	5	6	7	7	8	8	7	7	6
Missouri					1	2	5	7	9	13	14	15	16	16	13	13	11
Montana											<sup>6</sup> 1	1	1	2	2	2	2
Nebraska									<sup>6</sup> 1	1	3	6	6	6	5	4	4
Nevada									<sup>6</sup> 1	1	1	1	1	1	1	1	1
N. Hampshire	3	4	5	6	6	5	4	3	3	3	2	2	2	2	2	2	2
New Jersey	4	5	6	6	6	6	5	5	5	7	7	8	10	12	14	14	14
New Mexico														<sup>7</sup> 1	1	2	2
New York	6	10	17	27	34	40	34	33	31	33	34	34	37	43	45	45	43
N. Carolina	5	10	12	13	13	13	9	8	7	8	9	9	10	10	11	12	12
N. Dakota											<sup>6</sup> 1	1	2	3	2	2	2
Ohio			<sup>6</sup> 1	6	14	19	21	21	19	20	21	21	21	22	24	23	23
Oklahoma													<sup>6</sup> 5	8	9	8	6
Oregon								<sup>6</sup> 1	1	1	1	2	2	3	3	4	4
Pennsylvania	8	13	18	23	26	28	24	25	24	27	28	30	32	36	34	33	30
Rhode Island	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
S. Carolina	5	6	8	9	9	9	7	6	4	5	7	7	7	7	6	6	6
S. Dakota											<sup>6</sup> 2	2	2	3	2	2	2
Tennessee		<sup>6</sup> 1	3	6	9	13	11	10	8	10	10	10	10	10	9	10	9
Texas							<sup>6</sup> 2	2	4	6	11	13	16	18	21	21	22
Utah												<sup>6</sup> 1	1	2	2	2	2
Vermont		2	4	6	5	5	4	3	3	3	2	2	2	2	1	1	1
Virginia	10	19	22	23	22	21	15	13	11	9	10	10	10	10	9	9	10
Washington											<sup>6</sup> 1	2	3	5	6	6	7
West Virginia										3	4	4	5	6	6	6	6
Wisconsin							<sup>6</sup> 2	3	6	8	9	10	11	11	10	10	10
Wyoming											<sup>6</sup> 1	1	1	1	1	1	1

<sup>1</sup> Number of Representatives not to exceed 1 for each 30,000 inhabitants.

<sup>2</sup> See headnote.

<sup>3</sup> Membership increased from 233 to 234 by act of July 30, 1852 (10 Stat. L. 25). See footnote 6.

<sup>4</sup> Membership increased from 233 to 241 by act of Mar. 4, 1862 (12 Stat. L. 353). See footnote 6.

<sup>5</sup> Membership originally fixed at 283 but increased to 292 by act of May 30, 1872 (17 Stat. L. 192). One Member assigned to Colorado after apportionment.

<sup>6</sup> Assigned after apportionment.

<sup>7</sup> Included in apportionment act in anticipation of Statehood.

<sup>8</sup> Included in the 20 Members originally assigned to Massachusetts but credited to Maine after its admission as a State, Mar. 15, 1820 (3 Stat. L. 555).

No. 392.—ELECTORAL VOTE CAST FOR PRESIDENT, BY MAJOR POLITICAL PARTIES,  
BY STATES: 1924 TO 1952

[See also *Historical Statistics*, series P 27-31]

STATE	1924		1928		1932		1936		1940		1944		1948 <sup>1</sup>		1952	
	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.
<b>Total</b> .....	382	136	444	87	59	472	8	523	82	449	99	432	189	303	442	89
<b>Plurality</b> .....	246	-----	357	-----	-----	413	-----	515	-----	367	-----	333	-----	114	353	-----
Ala.....	-----	12	-----	12	-----	11	-----	11	-----	11	-----	11	-----	-----	-----	11
Ariz.....	3	-----	3	-----	-----	3	-----	3	-----	3	-----	4	-----	4	4	-----
Ark.....	-----	9	-----	9	-----	9	-----	9	-----	9	-----	9	-----	9	-----	8
Calif.....	13	-----	13	-----	-----	22	-----	22	-----	22	-----	25	-----	25	32	-----
Colo.....	6	-----	6	-----	-----	6	-----	6	6	-----	6	-----	-----	6	6	-----
Conn.....	7	-----	7	-----	8	-----	8	-----	8	-----	8	8	-----	8	8	-----
Del.....	3	-----	3	-----	3	-----	3	-----	3	-----	3	3	-----	3	3	-----
Fla.....	-----	6	6	-----	-----	7	-----	7	-----	7	-----	8	-----	8	10	-----
Ga.....	-----	14	-----	14	-----	12	-----	12	-----	12	-----	12	-----	12	-----	12
Idaho.....	4	-----	4	-----	-----	4	-----	4	-----	4	-----	4	-----	4	4	-----
Ill.....	29	-----	29	-----	-----	29	-----	29	-----	29	-----	28	-----	28	27	-----
Ind.....	15	-----	15	-----	-----	14	-----	14	14	-----	13	-----	13	-----	13	-----
Iowa.....	13	-----	13	-----	-----	11	-----	11	11	-----	10	-----	-----	10	10	-----
Kans.....	10	-----	10	-----	-----	9	-----	9	9	-----	-----	-----	8	-----	8	-----
Ky.....	13	-----	13	-----	-----	11	-----	11	-----	11	-----	11	-----	11	-----	10
La.....	-----	10	-----	10	-----	10	-----	10	-----	10	-----	10	-----	-----	-----	10
Maine.....	6	-----	6	-----	5	-----	5	-----	5	-----	5	-----	5	-----	5	-----
Md.....	8	-----	8	-----	-----	8	-----	8	-----	8	-----	8	8	-----	9	-----
Mass.....	18	-----	-----	18	-----	17	-----	17	-----	17	-----	16	-----	16	16	-----
Mich.....	15	-----	15	-----	-----	19	-----	19	19	-----	19	19	-----	19	20	-----
Minn.....	12	-----	12	-----	-----	11	-----	11	-----	11	-----	11	-----	11	11	-----
Miss.....	-----	10	-----	10	-----	9	-----	9	-----	9	-----	9	-----	-----	-----	8
Mo.....	18	-----	18	-----	-----	15	-----	15	-----	15	-----	15	-----	15	13	-----
Mont.....	4	-----	4	-----	-----	4	-----	4	-----	4	-----	4	-----	4	4	-----
Nebr.....	8	-----	8	-----	-----	7	-----	7	7	-----	6	-----	6	-----	6	-----
Nev.....	3	-----	3	-----	-----	3	-----	3	-----	3	-----	3	-----	3	3	-----
N. H.....	4	-----	4	-----	4	-----	4	-----	4	-----	4	-----	4	-----	4	-----
N. J.....	14	-----	14	-----	-----	16	-----	16	-----	16	-----	16	16	-----	16	-----
N. M.....	3	-----	3	-----	-----	3	-----	3	-----	3	-----	4	-----	4	4	-----
N. Y.....	45	-----	45	-----	-----	47	-----	47	-----	47	-----	47	47	-----	45	-----
N. C.....	-----	12	12	-----	-----	13	-----	13	-----	13	-----	14	-----	14	-----	14
N. Dak.....	5	-----	5	-----	-----	4	-----	4	4	-----	4	-----	4	-----	4	-----
Ohio.....	24	-----	24	-----	-----	26	-----	26	-----	26	25	-----	-----	25	25	-----
Okla.....	-----	10	10	-----	-----	11	-----	11	-----	11	-----	10	-----	10	8	-----
Oreg.....	5	-----	5	-----	-----	5	-----	5	-----	5	-----	6	6	-----	6	-----
Pa.....	38	-----	38	-----	36	-----	36	-----	36	-----	35	35	-----	-----	32	-----
R. I.....	5	-----	-----	5	-----	4	-----	4	-----	4	-----	4	-----	4	4	-----
S. C.....	-----	9	-----	9	-----	8	-----	8	-----	8	-----	8	-----	-----	-----	8
S. Dak.....	5	-----	5	-----	-----	4	-----	4	4	-----	4	-----	4	-----	4	-----
Tenn.....	-----	12	12	-----	-----	11	-----	11	-----	11	-----	12	-----	11	11	-----
Tex.....	-----	20	20	-----	-----	23	-----	23	-----	23	-----	23	-----	23	24	-----
Utah.....	4	-----	4	-----	-----	4	-----	4	-----	4	-----	4	-----	4	4	-----
Vt.....	4	-----	4	-----	3	-----	3	-----	3	-----	3	-----	3	-----	3	-----
Va.....	-----	12	12	-----	-----	11	-----	11	-----	11	-----	11	-----	11	12	-----
Wash.....	7	-----	7	-----	-----	8	-----	8	-----	8	-----	8	-----	8	9	-----
W. Va.....	8	-----	8	-----	-----	8	-----	8	-----	8	-----	8	-----	8	-----	8
Wis.....	( <sup>2</sup> )	( <sup>2</sup> )	13	-----	-----	12	-----	12	-----	12	12	-----	-----	12	12	-----
Wyo.....	3	-----	3	-----	-----	3	-----	3	-----	3	3	-----	-----	3	3	-----

<sup>1</sup> Total of 531 electors also includes 39 for States' Rights Democrat candidates, as follows: Alabama, 11; Louisiana, 10; Mississippi, 9; South Carolina, 8; and Tennessee, 1.

<sup>2</sup> Electoral votes of Wisconsin cast for LaFollette and Wheeler, Independent Progressive candidates.

Source: U. S. Congress, Clerk of the House; *Statistics of the Presidential and Congressional Election*.



# No. 393.—POPULAR VOTE CAST FOR PRESIDENTIAL ELECTORS, AND PERCENT OF VOTE FOR MAJORITY PARTY, BY STATES: 1924 TO 1944

[In thousands. D=Democrats, R=Republicans. Majority party vote refers to the party vote representing either a majority or a plurality for the victorious party. See also table 390; for current figures, see table 394]

STATE	1924		1928		1932		1936		1940		1944	
	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party	Vote	Per- cent for ma- jority party
<b>Total</b> .....	29,091	R—54.1	36,812	R—58.1	39,751	D—57.4	45,647	D—60.2	49,820	D—53.8	47,976	D—51.6
Alabama.....	167	D—67.8	249	D—51.3	245	D—84.8	276	D—86.4	294	D—85.2	245	D—81.3
Arizona.....	74	R—41.3	91	R—57.6	118	D—67.0	124	D—69.9	150	D—63.5	138	D—58.8
Arkansas.....	139	D—61.2	198	D—60.3	221	D—86.0	179	D—81.8	202	D—78.6	213	D—70.0
California.....	1,282	R—57.2	1,797	R—64.7	2,267	D—58.4	2,639	D—67.0	3,269	D—57.5	3,521	D—56.5
Colorado.....	342	R—57.0	392	R—64.7	458	D—54.8	489	D—60.4	549	R—50.9	505	R—53.2
Connecticut.....	400	R—61.5	553	R—53.6	594	R—48.5	691	D—55.3	782	D—53.4	832	D—52.3
Delaware.....	91	R—57.7	106	R—65.0	113	R—50.6	128	D—54.6	136	D—54.7	125	D—54.4
Florida.....	109	D—56.9	254	R—56.8	276	D—74.7	327	D—76.1	485	D—74.0	483	D—70.3
Georgia.....	167	D—74.0	229	D—56.6	256	D—91.6	293	D—87.1	313	D—84.8	328	D—81.7
Idaho.....	148	R—47.1	154	R—64.7	187	D—58.7	200	D—63.0	235	D—54.4	208	D—51.6
Illinois.....	2,470	R—58.8	3,107	R—56.9	3,408	D—55.2	3,957	D—57.7	4,218	D—51.0	4,036	D—51.5
Indiana.....	1,272	R—55.3	1,421	R—59.7	1,577	D—54.7	1,651	D—56.6	1,783	R—50.5	1,672	R—52.4
Iowa.....	977	R—55.0	1,009	R—61.8	1,037	D—57.7	1,143	D—54.4	1,215	R—52.0	1,053	R—52.0
Kansas.....	662	R—61.5	713	R—72.0	792	D—53.6	865	D—53.7	860	R—56.9	734	R—60.2
Kentucky.....	815	R—48.9	941	R—59.3	983	D—59.0	926	D—58.5	970	D—57.4	868	D—54.5
Louisiana.....	122	D—76.4	216	D—79.3	269	D—92.8	330	D—88.8	372	D—85.9	349	D—80.6
Maine.....	192	R—72.0	262	R—68.6	298	R—55.8	304	R—55.5	321	R—51.1	296	R—52.4
Maryland.....	359	R—45.3	528	R—57.1	511	D—61.5	625	D—62.3	660	D—58.3	608	D—51.9
Massachusetts.....	1,130	R—62.3	1,578	D—50.2	1,580	D—50.6	1,840	D—51.2	2,027	D—53.1	1,961	D—52.8
Michigan.....	1,160	R—75.4	1,372	R—70.4	1,665	D—52.4	1,805	D—56.3	2,086	R—49.9	2,205	D—50.2
Minnesota.....	822	R—51.2	971	R—57.8	1,003	D—59.9	1,130	D—61.8	1,251	D—51.5	1,126	D—52.4
Mississippi.....	113	D—89.3	152	D—82.1	146	D—96.0	162	D—97.1	176	D—95.7	180	D—88.0
Missouri.....	1,308	R—49.6	1,501	R—55.6	1,610	D—63.7	1,829	D—60.8	1,834	D—52.3	1,572	D—51.4
Montana.....	174	R—42.5	194	R—58.4	216	D—58.8	231	D—69.3	248	D—58.8	207	D—54.3
Nebraska.....	464	R—47.1	547	R—63.2	570	D—63.0	608	D—57.1	616	R—57.2	563	R—58.6
Nevada.....	27	R—41.8	32	R—56.5	41	D—69.4	44	D—72.8	53	D—60.2	54	D—54.6
New Hampshire.....	165	R—59.8	197	R—58.7	206	R—50.4	218	D—49.7	235	D—53.2	230	D—52.1
New Jersey.....	1,088	R—62.2	1,549	R—59.8	1,630	D—49.5	1,820	D—59.5	1,975	D—51.5	1,964	D—50.3
New Mexico.....	113	R—48.5	118	R—59.0	152	D—62.7	169	D—62.7	183	D—56.7	152	D—53.5
New York.....	3,256	R—55.9	4,406	R—49.8	4,689	D—54.1	5,596	D—52.9	6,302	R—48.0	6,317	R—47.3
North Carolina.....	483	D—58.9	636	R—54.9	712	D—69.9	839	D—73.4	823	D—74.0	791	D—66.7
North Dakota.....	199	R—47.7	240	R—54.8	256	D—69.6	274	D—59.6	281	R—55.1	220	R—53.8
Ohio.....	2,016	R—58.3	2,508	R—64.9	2,610	D—49.9	3,012	D—58.0	3,320	D—52.2	3,153	R—50.2
Oklahoma.....	528	D—48.4	618	R—63.7	705	D—73.3	750	D—66.8	826	D—57.4	723	D—55.6
Oregon.....	279	R—51.0	320	R—64.2	369	D—58.0	414	D—64.4	481	D—53.7	480	D—51.8
Pennsylvania.....	2,145	R—65.3	3,151	R—65.2	2,859	R—50.8	4,138	D—56.9	4,079	D—53.2	3,795	D—51.1
Rhode Island.....	210	R—59.6	237	D—50.2	266	D—55.1	311	D—53.1	321	D—56.7	299	D—58.6
South Carolina.....	51	D—96.6	69	D—91.4	104	D—98.0	115	D—98.6	100	D—95.6	103	D—87.6
South Dakota.....	204	R—49.7	262	R—60.2	288	D—63.6	296	D—54.0	308	R—57.4	232	R—58.3
Tennessee.....	300	D—52.8	363	R—53.8	391	D—66.5	476	D—68.8	523	D—67.3	511	D—60.4
Texas.....	658	D—73.7	709	R—51.8	863	D—88.1	843	D—87.1	1,041	D—80.7	1,150	D—71.4
Utah.....	157	R—49.3	177	R—63.6	207	D—56.5	217	D—69.3	248	D—62.3	248	D—60.4
Vermont.....	103	R—78.2	135	R—66.9	137	R—57.7	144	R—56.4	143	R—54.8	125	R—57.1
Virginia.....	224	D—62.5	305	R—53.9	298	D—68.5	335	D—70.2	347	D—68.1	388	D—62.4
Washington.....	422	R—52.2	501	R—67.1	615	D—57.5	692	D—66.4	794	D—58.2	856	D—56.8
West Virginia.....	584	R—49.5	643	R—58.4	744	D—54.5	830	D—60.5	868	D—57.1	716	D—54.9
Wisconsin.....	841	R—37.1	1,017	R—53.5	1,115	D—63.5	1,259	D—63.8	1,406	D—50.1	1,339	R—50.4
Wyoming.....	80	R—52.4	83	R—63.7	97	D—56.1	103	D—60.6	112	D—52.8	101	R—51.2

<sup>1</sup> Percentages based on figures which exclude votes of minor parties for candidates of major parties.

<sup>2</sup> Independent Progressive vote was 54.8 percent.

Source: 1924, U. S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*; 1928-44, Department of Commerce, Bureau of the Census, *Elections, 1944: No. 5, Vote Cast in Presidential and Congressional Elections, 1928-44*.

No. 394.—POPULAR VOTE CAST FOR PRESIDENTIAL ELECTORS, BY MAJOR POLITICAL PARTIES, BY STATES: 1948 AND 1952

[In thousands]

STATE	1948						1952					
	Total	Democratic	Republican	Other parties	Percent of total		Total	Democratic	Republican	Other parties	Percent of total	
					Democratic	Republican					Democratic	Republican
<b>Total</b> .....	48,834	24,106	21,969	2,759	49.4	45.0	61,552	27,315	33,779	458	44.4	54.9
Alabama.....	215	-----	41	174	-----	19.0	426	275	149	2	64.6	35.0
Arizona.....	177	95	78	4	53.8	43.8	261	109	152	-----	41.7	58.3
Arkansas.....	242	150	51	42	61.7	21.0	405	226	177	1	55.9	43.8
California.....	4,022	1,913	1,895	213	47.6	47.1	5,142	2,198	2,897	47	42.7	56.3
Colorado.....	515	267	240	8	51.9	46.5	630	246	380	5	39.0	60.3
Connecticut.....	884	423	438	22	47.9	49.5	1,097	482	611	4	43.9	55.7
Delaware.....	139	68	70	2	48.8	50.0	174	83	90	1	47.9	51.8
Florida.....	578	282	194	101	48.8	33.6	989	445	544	(1)	45.0	55.0
Georgia.....	419	255	77	87	60.8	18.3	656	457	199	(1)	69.7	30.3
Idaho.....	215	107	102	6	50.0	47.3	276	95	181	(1)	34.4	65.4
Illinois.....	3,984	1,995	1,961	28	50.1	49.2	4,481	2,014	2,457	10	44.9	54.8
Indiana.....	1,656	808	821	27	48.8	49.6	1,955	802	1,136	18	41.0	58.1
Iowa.....	1,038	522	494	22	50.3	47.6	1,269	452	809	8	35.6	63.8
Kansas.....	789	352	423	14	44.6	53.6	896	273	616	7	30.5	68.8
Kentucky.....	823	467	341	15	56.7	41.5	993	496	495	2	49.9	49.8
Louisiana.....	416	136	73	207	32.7	17.5	652	345	307	-----	52.9	47.1
Maine.....	265	112	150	3	42.3	56.7	352	119	232	1	33.8	66.0
Maryland.....	597	287	295	15	48.0	49.4	902	395	499	7	43.8	55.4
Massachusetts.....	2,155	1,152	909	94	53.4	42.2	2,383	1,084	1,292	8	45.5	54.2
Michigan.....	2,110	1,003	1,039	68	47.6	49.2	2,799	1,231	1,552	16	44.0	55.4
Minnesota.....	1,212	693	484	36	57.2	39.9	1,379	608	763	8	44.1	55.3
Mississippi.....	192	19	5	168	10.1	2.6	286	173	113	-----	60.5	39.5
Missouri.....	1,579	917	655	6	58.1	41.5	1,892	930	959	3	49.1	50.7
Montana.....	224	119	97	8	53.1	43.1	265	106	157	1	40.1	59.4
Nebraska.....	489	224	265	-----	45.8	54.2	610	188	422	-----	30.8	69.2
Nevada.....	62	31	29	1	50.4	47.3	82	32	51	-----	38.6	61.4
New Hampshire.....	231	108	121	2	46.7	52.4	273	107	166	-----	39.1	60.9
New Jersey.....	1,950	895	981	73	45.9	50.3	2,420	1,016	1,375	29	42.0	56.8
New Mexico.....	186	105	80	-----	56.8	43.2	239	106	132	1	44.3	55.4
New York.....	6,275	2,780	2,841	653	44.3	45.3	7,128	3,105	3,953	71	43.6	55.5
North Carolina.....	791	459	259	74	58.0	32.7	1,211	653	558	-----	53.9	46.1
North Dakota.....	221	96	115	10	43.4	52.2	270	77	192	2	28.4	71.0
Ohio.....	2,936	1,453	1,446	38	49.5	49.2	3,701	1,600	2,100	-----	43.2	56.8
Oklahoma.....	722	453	269	-----	62.7	37.3	949	431	518	-----	45.4	54.6
Oregon.....	524	243	261	20	46.4	49.8	695	271	421	4	38.9	60.5
Pennsylvania.....	3,735	1,752	1,902	81	46.9	50.9	4,581	2,146	2,416	19	46.9	52.7
Rhode Island.....	326	189	135	3	57.8	41.4	414	203	211	(1)	49.0	50.9
South Carolina.....	143	34	5	103	24.1	3.8	341	173	10	7 158	50.7	2.9
South Dakota.....	250	118	130	3	47.0	51.8	294	90	204	-----	30.7	69.3
Tennessee.....	550	270	203	77	49.1	36.9	893	444	446	3	49.7	50.0
Texas.....	1,147	751	282	114	65.4	24.6	2,076	969	1,103	4	46.7	53.1
Utah.....	276	149	124	3	54.0	45.0	330	135	194	-----	41.1	58.9
Vermont.....	123	46	76	2	36.9	61.5	154	43	110	(1)	28.2	71.5
Virginia.....	419	201	172	46	47.9	41.0	620	269	349	2	43.4	56.3
Washington.....	905	476	386	43	52.6	42.7	1,103	493	599	11	44.7	54.3
West Virginia.....	749	429	316	3	57.3	42.2	874	454	420	-----	51.9	48.1
Wisconsin.....	1,277	647	591	39	50.7	46.3	1,607	622	980	5	38.7	61.0
Wyoming.....	101	52	48	1	51.6	47.3	129	48	81	(1)	37.1	62.7

<sup>1</sup> Less than 500. <sup>2</sup> Includes 48,201 blanks and 633 scattering.

<sup>3</sup> Independent votes (pledged to Republican candidate).

<sup>4</sup> Includes 222,562 Liberal Party votes.

<sup>5</sup> Includes 97,119 blanks, 128 scattering, and 71 void. <sup>6</sup> Includes 416,711 Liberal Party votes.

<sup>7</sup> Separate set of electors, by petition, for Republican candidates.

Source: U. S. Congress, Clerk of the House; *Statistics of the Presidential and Congressional Election*.



# No. 395.—VOTE CAST FOR UNITED STATES REPRESENTATIVES, AND PERCENT OF VOTE FOR MAJORITY PARTY, BY STATES: 1940 TO 1950

[In thousands. D=Democratic, R=Republican. Majority party vote refers to the party vote representing either a majority or a plurality for the victorious party. For explanation and current figures, see table 396]

STATE	1940		1942		1944		1946		1948		1950	
	Vote	Percent for majority party	Vote	Percent for majority party	Vote	Percent for majority party	Vote	Percent for majority party	Vote	Percent for majority party	Vote	Percent for majority party
<b>Total.....</b>	<b>46,951</b>	<b>D—51.3</b>	<b>42,074</b>	<b>R—50.6</b>	<b>45,103</b>	<b>D—50.6</b>	<b>34,398</b>	<b>R—53.5</b>	<b>46,142</b>	<b>D—51.6</b>	<b>40,430</b>	<b>48.9</b>
Ala.....	270	D—94.4	69	D—99.4	222	D—90.2	179	D—92.1	197	D—93.1	152	D—99.4
Ariz. <sup>3</sup> .....	140	D—71.1	80	D—70.7	128	D—69.1	113	D—66.4	159	D—60.8	178	D—65.0
Ark.....	209	D—95.9	98	D—100.0	217	D—92.4	151	D—94.7	229	D—100.0	296	D—100.0
Calif. <sup>4</sup> .....	2,772	R—53.1	1,902	D—47.7	3,007	D—50.5	2,335	R—51.5	3,561	R—55.4	3,359	R—52.2
Colo.....	525	D—54.5	342	R—58.2	494	R—57.0	332	R—55.6	497	D—54.8	443	R—51.0
Conn.....	781	D—52.7	560	R—50.5	825	D—51.0	674	R—55.5	921	D—49.6	861	D—50.6
Del.....	135	D—50.6	85	R—53.6	126	D—50.3	113	R—56.4	141	R—50.6	129	R—56.7
Fla.....	380	D—86.2	107	D—88.2	416	D—84.8	187	D—80.9	353	D—84.2	253	D—90.4
Ga.....	272	D—95.7	62	D—94.3	274	D—98.9	162	D—87.9	365	D—100.0	253	D—100.0
Idaho.....	232	D—53.5	139	R—51.2	206	D—51.5	179	R—56.5	212	D—50.0	200	R—54.4
Ill.....	4,009	R—51.2	2,863	R—54.1	3,875	R—50.1	3,447	R—56.5	3,849	D—52.0	3,510	R—53.9
Ind.....	1,761	R—50.9	1,287	R—55.5	1,651	R—52.9	1,333	R—54.4	1,633	D—61.2	1,587	R—53.6
Iowa.....	1,115	R—54.7	665	R—61.7	973	R—56.8	593	R—61.5	940	R—55.0	820	R—61.0
Kansas.....	789	R—57.7	494	R—60.6	664	R—63.0	555	R—59.2	704	R—57.5	607	R—59.0
Ky.....	891	D—62.6	343	D—56.4	844	D—54.5	583	R—53.4	741	D—56.2	489	D—63.0
La.....	321	D—95.7	85	D—100.0	283	D—100.0	106	D—94.7	322	D—95.9	227	D—100.0
Maine.....	247	R—64.6	161	R—69.6	184	R—70.7	174	R—63.4	214	R—66.3	238	R—57.6
Md.....	585	D—60.9	337	D—56.3	544	D—55.9	445	D—52.3	534	D—54.5	573	R—49.9
Mass.....	1,965	R—52.2	1,327	R—53.8	1,890	R—53.0	1,617	R—53.4	2,155	D—45.3	1,947	R—47.8
Mich.....	1,987	R—51.0	1,171	R—53.8	2,163	R—52.1	1,605	R—60.8	2,065	R—49.6	1,805	R—53.0
Minn.....	1,206	R—53.1	761	R—59.4	1,109	R—58.8	875	R—58.8	1,182	R—50.2	1,018	R—52.9
Miss.....	146	D—100.0	52	D—100.0	153	D—96.6	50	D—100.0	153	D—99.8	88	D—94.2
Mo.....	1,817	D—52.4	925	R—51.5	1,520	D—52.5	1,085	R—52.2	1,565	D—58.8	1,250	D—55.8
Mont.....	238	D—54.8	170	D—55.0	197	D—59.9	190	D—50.5	215	D—57.3	211	D—51.4
Nebr.....	575	R—55.7	357	R—63.9	515	R—65.3	372	R—66.9	460	R—58.3	436	R—62.3
Nev.....	51	D—64.5	39	D—53.6	52	D—63.1	49	R—58.8	59	D—50.6	60	D—52.8
N. H.....	218	R—52.0	156	R—55.1	216	R—52.6	161	R—62.0	220	R—56.4	185	R—60.7
N. J.....	1,862	R—52.6	1,203	R—53.9	1,859	R—53.1	1,382	R—59.0	1,852	R—50.6	1,571	R—54.7
N. Mex. <sup>3</sup> .....	182	D—58.8	106	D—58.8	152	D—56.1	127	D—52.3	185	D—58.6	173	D—56.4
N. Y.....	6,083	D—46.9	3,875	R—46.6	6,025	R—46.9	4,705	R—53.6	5,998	R—44.3	5,052	R—47.2
N. C.....	798	D—75.5	315	D—72.7	755	D—69.5	452	D—61.3	764	D—70.8	522	D—70.0
N. Dak. <sup>3</sup> .....	235	R—63.0	182	R—47.1	198	R—51.1	144	R—71.5	191	R—69.4	181	R—65.6
Ohio.....	3,078	D—50.7	1,735	R—55.4	2,954	R—52.8	2,217	R—56.9	2,809	D—52.3	2,767	R—52.4
Okl.....	766	D—66.3	352	D—57.5	635	D—58.6	492	D—58.5	685	D—67.2	608	D—60.0
Oreg.....	462	R—57.0	276	R—58.2	442	R—61.5	335	R—64.8	491	R—60.3	499	R—57.7
Pa.....	4,006	D—51.8	2,509	R—53.9	3,713	D—50.7	3,112	R—57.7	3,657	R—51.0	3,512	R—52.2
R. I.....	314	D—55.6	237	D—58.2	293	D—59.8	272	D—54.6	319	D—60.8	293	D—61.9
S. C.....	100	D—98.5	23	D—100.0	101	D—96.5	26	D—98.9	141	D—95.1	50	D—100.0
S. Dak.....	299	R—61.2	178	R—62.7	226	R—65.1	158	R—63.2	241	R—56.4	248	R—60.7
Tenn.....	417	D—67.7	156	D—65.4	399	D—65.4	193	D—65.4	449	D—63.1	263	D—63.0
Tex.....	1,019	D—96.7	278	D—98.8	1,058	D—94.1	347	D—95.1	1,052	D—93.6	360	D—90.5
Utah.....	247	D—60.6	150	D—53.1	248	D—60.4	197	R—51.4	274	D—58.1	264	D—52.5
Vt.....	140	R—63.8	58	R—70.2	123	R—62.4	73	R—64.3	123	R—60.9	89	R—73.4
Va.....	317	D—80.1	90	D—85.6	343	D—69.8	254	D—66.1	383	D—66.6	212	D—73.4
Wash.....	744	D—57.8	428	D—52.6	803	D—53.0	645	R—58.3	818	D—49.2	724	R—52.3
W. Va.....	870	D—57.5	460	R—50.3	719	D—54.2	537	D—50.1	759	D—58.3	663	D—56.6
Wis.....	1,269	R—45.7	749	R—46.8	1,163	R—53.7	984	R—62.5	1,211	R—55.8	1,110	R—57.6
Wyo.....	107	D—53.4	75	R—50.7	96	R—55.7	79	R—56.0	97	R—51.5	93	R—54.5

<sup>1</sup> See footnote 16, table 390.

<sup>2</sup> Percentage was 48.9 for each major party.

<sup>3</sup> No representatives were elected from districts, but more than one was elected from the State-at-large in Arizona for 1942-1946, New Mexico for 1942-1950, and North Dakota for 1940-1950. In these States each total is the sum of votes cast for that candidate of each party receiving highest vote.

<sup>4</sup> In California, a person may become a candidate of one or more parties for the same office. Inasmuch as votes cast by voters of various parties for the same candidate are not segregable, the vote is counted for the party of which the candidate is a member.

Source: 1940-44, Department of Commerce, Bureau of the Census; Elections, 1944: No. 5, *Vote Cast in Presidential and Congressional Elections, 1928-44*. U. S. Congress, Clerk of the House; 1946 and 1950, *Statistics of the Congressional Election*, and 1948, *Statistics of the Presidential and Congressional Election*.

# NO. 396.—VOTE CAST FOR UNITED STATES REPRESENTATIVES, BY MAJOR POLITICAL PARTIES, BY STATES: 1952 AND 1954

In thousands. In each State, totals represent the sum of votes cast in each Congressional District, except as follows: In Delaware, Nevada, Vermont, and Wyoming, only 1 representative is elected from the State at large. In New Mexico and North Dakota, 2 representatives are elected from the State at large. In Connecticut, Texas, and Washington, representatives are elected by district, except 1 who is elected at large; these at-large votes are not reflected in this tabulation. In numerous States, one or other of the major parties had no candidate in some districts. In those cases where votes of a party, as such, are cast in endorsement of a candidate of another party, the votes are counted as for the endorsing party. See also notes below]

STATE	1952						1954					
	Total	Demo- cratic	Re- pub- lican	Other parties	Percent of total		Total	Demo- cratic	Re- pub- lican	Other parties	Percent of total	
					Dem- ocrat- ic	Re- pub- lican					Dem- ocrat- ic	Re- pub- lican
<b>Total</b> .....	<b>57,571</b>	<b>128,336</b>	<b>128,399</b>	<b>1 835</b>	<b>49.2</b>	<b>49.3</b>	<b>42,580</b>	<b>22,175</b>	<b>220,034</b>	<b>2 371</b>	<b>52.1</b>	<b>47.0</b>
Alabama.....	343	324	19	(3)	94.6	5.4	280	269	11	(3)	96.0	4.0
Arizona.....	248	128	121	-----	51.5	48.5	223	121	102	-----	54.3	45.7
Arkansas.....	362	309	52	1	85.3	14.3	280	280	-----	-----	100.0	-----
California <sup>4</sup> .....	4,564	2,031	2,383	150	44.5	52.2	3,873	1,991	1,877	6	51.4	48.4
Colorado.....	607	270	335	1	44.5	55.3	480	240	240	(3)	49.9	50.0
Connecticut.....	1,093	504	587	2	46.1	53.7	936	458	473	5	48.9	50.5
Delaware.....	170	82	88	-----	48.1	51.9	144	79	65	-----	54.9	45.1
Florida.....	739	547	192	(3)	74.1	25.9	326	255	71	-----	78.2	21.8
Georgia.....	547	547	-----	(3)	100.0	-----	350	315	30	5	90.0	8.5
Idaho.....	265	107	157	-----	40.6	59.4	226	103	123	-----	45.5	54.5
Illinois.....	4,353	2,005	2,349	(3)	46.1	54.0	3,258	1,636	1,621	-----	50.2	49.8
Indiana.....	1,936	831	1,094	11	42.9	56.5	1,587	748	833	5	47.1	52.5
Iowa.....	1,143	379	762	2	33.1	66.7	817	339	478	-----	41.5	58.5
Kansas.....	824	334	490	-----	40.6	59.4	615	268	347	-----	43.5	56.5
Kentucky.....	951	495	455	1	52.1	47.8	668	432	236	(3)	64.6	35.3
Louisiana.....	416	380	36	-----	91.3	8.7	216	208	8	-----	96.2	3.8
Maine.....	234	77	157	1	32.8	66.9	241	109	133	-----	45.0	55.0
Maryland.....	841	405	436	-----	48.2	51.8	639	342	295	1	53.5	46.2
Massachusetts.....	2,289	1,064	1,210	15	46.5	52.9	1,783	947	835	(3)	53.1	46.8
Michigan.....	2,772	1,311	1,453	8	47.3	52.4	2,133	1,101	1,028	4	51.6	48.2
Minnesota.....	1,388	639	749	-----	46.0	54.0	1,131	600	531	-----	53.0	47.0
Mississippi.....	241	235	6	-----	97.5	2.5	99	99	-----	-----	100.0	-----
Missouri.....	1,861	971	890	-----	52.2	47.8	1,185	666	519	-----	56.2	43.8
Montana.....	256	111	144	1	43.3	56.4	225	117	107	-----	52.1	47.9
Nebraska.....	566	180	386	(3)	31.8	68.2	407	156	250	(3)	38.4	61.6
Nevada.....	81	40	41	-----	49.5	50.5	78	35	42	-----	45.5	54.5
New Hampshire.....	258	95	163	-----	36.9	63.1	192	87	105	-----	45.3	54.7
New Jersey.....	2,316	978	1,317	20	42.2	56.9	1,787	862	904	21	48.3	50.6
New Mexico <sup>5</sup> .....	234	121	112	-----	52.0	48.0	189	112	77	-----	59.1	40.9
New York.....	6,910	12,780	13,619	1 512	40.2	52.4	5,000	2,227	2,505	2 267	44.5	50.1
North Carolina.....	1,122	763	359	-----	68.0	32.0	604	390	214	-----	64.6	35.4
North Dakota <sup>5</sup> .....	231	50	181	(3)	21.6	78.4	189	64	125	-----	33.9	66.1
Ohio.....	3,382	1,471	1,836	75	43.5	54.3	2,499	1,113	1,341	45	44.6	53.7
Oklahoma.....	933	546	384	4	58.5	41.1	546	354	191	-----	64.9	35.1
Oregon.....	666	258	408	-----	38.7	61.3	564	257	307	-----	45.5	54.5
Pennsylvania.....	4,518	2,151	2,363	3	47.6	52.3	3,696	1,872	1,824	(3)	50.6	49.4
Rhode Island.....	407	220	187	-----	54.1	45.9	323	193	130	-----	59.8	40.2
South Carolina.....	284	278	6	(3)	98.0	2.0	213	211	3	-----	98.7	1.3
South Dakota.....	287	90	197	-----	31.4	68.6	232	95	137	-----	40.9	59.1
Tennessee.....	700	480	204	17	68.5	29.1	345	233	112	(3)	67.4	32.6
Texas.....	1,719	1,697	22	-----	98.7	1.3	623	542	81	(3)	87.0	12.9
Utah.....	327	145	182	-----	44.4	55.6	263	117	146	-----	44.3	55.7
Vermont.....	153	43	110	(3)	28.2	71.8	114	44	70	(3)	38.6	61.4
Virginia.....	447	298	139	10	66.7	31.0	342	204	128	10	59.7	37.5
Washington.....	1,016	441	574	1	43.4	56.5	816	354	462	-----	43.4	56.6
West Virginia.....	875	471	403	-----	53.9	46.6	591	340	252	-----	57.5	42.5
Wisconsin.....	1,568	603	966	(3)	38.4	61.1	1,141	542	599	(3)	47.5	52.5
Wyoming.....	127	51	76	-----	39.9	60.1	109	48	61	-----	43.8	56.2

<sup>1</sup> For New York, included in Republican are 37,230 votes cast for Republican-endorsed Democrat in 18th District; included in "Other" are 269,180 votes cast for Democratic-endorsed, and 31,738 votes cast for Republican-endorsed, Liberal candidates.

<sup>2</sup> For New York, included in Republican are 17,954 votes cast for Republican-endorsed Democrat in 18th District; included in "Other" are 171,344 votes cast for Liberal-endorsed Democrats.

<sup>3</sup> Less than 500.

<sup>4</sup> In California a person may be candidate of one or more parties for same office, so that party votes for candidates are not segregable. Party vote shown is computed by assigning to a party total votes for candidates who are members of that party.

<sup>5</sup> Voters entitled to vote for 2 candidates; total ascertained by adding the highest vote received by a single candidate in each political party.

Source: U. S. Congress, Clerk of the House; *Statistics of the Presidential and Congressional Election of Nov. 4, 1952*, and *Statistics of the Congressional Election of Nov. 2, 1954*.



**No. 397.—VOTE CAST FOR UNITED STATES SENATORS, BY MAJOR POLITICAL PARTIES,  
BY STATES: 1952 AND 1954**

[In thousands. Years in which no regular elections occur indicated by leaders. Elections to fill vacancies for unexpired terms excluded]

STATE	1952						1954					
	Total	Demo- cratic	Re- pub- lican	Other parties	Percent of total		Total	Demo- cratic	Re- pub- lican	Other parties	Percent of total	
					Dem- ocrat- ic	Re- pub- lican					Dem- ocrat- ic	Re- pub- lican
<b>Total</b> .....	44,802	20,029	23,242	1,532	44.7	51.9	20,549	11,402	8,839	308	55.5	43.0
Alabama.....							314	259	55		82.5	17.5
Arizona.....	257	125	132		48.7	51.3						
Arkansas.....							291	291			100.0	
California.....	4,542		3,982	560		87.7						
Colorado.....							484	236	249		48.7	51.3
Connecticut.....	1,093	485	574	35	44.4	52.5						
Delaware.....	171	78	93		45.5	54.5	145	83	62		56.9	43.1
Florida.....	618	617		1	99.8							
Georgia.....							334	334		(1)	100.0	
Idaho.....							226	84	142		37.2	62.8
Illinois.....							3,368	1,804	1,564		53.6	46.4
Indiana.....	1,946	911	1,021	14	46.8	52.4						
Iowa.....							847	403	442	2	47.5	52.2
Kansas.....							618	259	348	11	41.8	56.3
Kentucky.....							797	434	363		54.5	45.5
Louisiana.....							207	207			100.0	
Maine.....	237	83	139	15	34.9	58.7	247	102	145		41.4	58.6
Maryland.....	856	406	450		47.5	52.5						
Massachusetts.....	2,360	1,212	1,141	7	51.3	48.3	1,893	928	957	8	49.0	50.5
Michigan.....	2,821	1,383	1,428	9	49.0	50.6	2,145	1,089	1,049	7	50.8	48.9
Minnesota.....	1,387	590	786	12	42.5	56.6	1,139	642	480	17	56.4	42.1
Mississippi.....	234	234			100.0		106	101	5		95.6	4.4
Missouri.....	1,868	1,009	858	1	54.0	45.9						
Montana.....	262	133	127	2	50.7	48.6	227	115	113		50.4	49.6
Nebraska.....	592	165	409	18	27.8	69.1	419	163	256	(1)	38.9	61.1
Nevada.....	81	39	42		48.3	51.7						
New Hampshire.....							195	77	117		39.8	60.2
New Jersey.....	2,318	1,011	1,287	20	43.6	55.5	1,771	858	862	51	48.5	48.7
New Mexico.....	240	123	117		51.1	48.9	194	111	83		57.3	42.7
New York.....	6,980	2,522	3,854	605	36.1	55.2						
North Carolina.....							620	408	211		65.9	34.1
North Dakota.....	238	55	158	25	23.3	66.3						
Ohio.....	3,442	1,563	1,879		45.4	54.6						
Oklahoma.....							600	335	262	3	55.8	43.7
Oregon.....							569	286	283		50.2	49.8
Pennsylvania.....	4,519	2,169	2,331	20	48.0	51.6						
Rhode Island.....	411	225	186		54.8	45.2	326	193	132		59.4	40.6
South Carolina.....							227	84		144	36.8	
South Dakota.....							236	101	135		42.7	57.3
Tennessee.....	735	545	153	36	74.2	20.9	356	249	107	(1)	70.0	30.0
Texas.....	1,895	1,895			100.0		636	538	95	3	84.6	14.9
Utah.....	327	150	177		45.7	54.3						
Vermont.....	154	43	111	(1)	27.7	72.3						
Virginia.....	544	399		145	73.4		307	245		62	79.9	
Washington.....	1,059	595	461	3	56.2	43.5						
West Virginia.....	877	470	407		53.6	46.4	593	325	268		54.8	45.2
Wisconsin.....	1,605	731	870	3	45.6	54.2						
Wyoming.....	130	63	67		48.4	51.6	112	58	54		51.5	48.5

<sup>1</sup> Less than 500.

Source: U. S. Congress, Clerk of the House; *Statistics of the Presidential and Congressional Election of Nov. 4, 1952*, and *Statistics of the Congressional Election of Nov. 2, 1954*.

## No. 398.—REGISTERED VOTERS AND VOTES CAST FOR GOVERNOR, BY STATES

[In thousands]

STATE	REGISTERED VOTERS		VOTES CAST			STATE	REGISTERED VOTERS		VOTES CAST		
	Year	Number	Year	General election	Primary election <sup>1</sup>		Year	Number	Year	General election	Primary election <sup>1</sup>
Alabama.....		(2)	1950	171	402	Nebraska.....		(2)	1952	596	324
Arizona.....	1952	330	1952	260	155	Nevada.....	1950	84	1950	62	57
Arkansas.....	1952	555	1952	392	329	New Hampshire...	1952	308	1952	266	116
California.....	1952	5,998	1950	3,796	2,997	New Jersey.....	1952	2,744	1949	1,415	705
Colorado.....	1952	752	1952	613	195	New Mexico.....		(2)	1952	240	114
Connecticut.....	1952	1,185	1950	879	(3)	New York.....	1952	7,842	1950	5,473	(3)
Delaware.....		(4)	1952	171	(4)	North Carolina...		(2)	1952	1,180	565
Florida.....	1952	1,340	1952	834	764	North Dakota.....		(2)	1952	256	194
Georgia.....	1952	1,293	1950	235	583	Ohio.....	1952	3,072	1952	3,605	1,382
Idaho.....	1952	330	1950	205	123	Oklahoma.....		(2)	1950	644	563
Illinois.....		(2)	1952	4,416	1,985	Oregon.....	1952	852	1950	519	345
Indiana.....	1952	2,424	1952	1,932	(3)	Pennsylvania.....	1952	5,342	1950	3,540	2,003
Iowa.....		(2)	1952	1,230	418	Rhode Island.....	1952	447	1952	410	---
Kansas.....		(2)	1952	872	338	South Carolina...	1950	567	1950	51	336
Kentucky.....		(2)	1951	634	411	South Dakota.....	1952	330	1952	290	---
Louisiana.....	1952	1,057	1952	124	785	Tennessee.....		(2)	1952	807	647
Maine.....		(2)	1952	248	154	Texas.....		(2)	1952	1,881	1,356
Maryland.....	1950	918	1950	646	380	Utah.....		(2)	1952	328	154
Massachusetts...	1952	2,666	1952	2,425	961	Vermont.....	1952	201	1952	151	73
Michigan.....		(2)	1952	2,866	1,437	Virginia.....	1949	672	1949	262	326
Minnesota.....		(2)	1952	1,419	637	Washington.....	1952	1,393	1952	1,078	70
Mississippi.....		(2)	1951	43	408	West Virginia...	1952	1,176	1952	883	572
Missouri.....		(2)	1952	1,871	962	Wisconsin.....		(2)	1952	1,615	877
Montana.....	1952	304	1952	146	264	Wyoming.....		(2)	1950	97	66

<sup>1</sup> Includes figures only for initial primary elections—not run-off primaries.<sup>2</sup> Registration not required or no central records maintained.<sup>3</sup> Candidates for Governor nominated at party conventions.<sup>4</sup> Not available. <sup>5</sup> Estimate. <sup>6</sup> Registration not required in some communities in Ohio.Source: The Council of State Governments, Chicago, Ill.; *The Book of the States*.

## No. 399.—CIVILIAN POPULATION OF VOTING AGE, AND VOTE CAST FOR PRESIDENTIAL ELECTORS AND UNITED STATES REPRESENTATIVES: 1920 TO 1954

[In thousands, Population as of November 1; includes aliens]

YEAR	Estimated civilian population of voting age <sup>1</sup>	VOTE CAST FOR PRESIDENTIAL ELECTORS		VOTE CAST FOR UNITED STATES REPRESENTATIVES		YEAR	Estimated civilian population of voting age <sup>1</sup>	VOTE CAST FOR PRESIDENTIAL ELECTORS		VOTE CAST FOR UNITED STATES REPRESENTATIVES	
		Number	Percent of civilians of voting age	Number	Percent of civilians of voting age			Number	Percent of civilians of voting age	Number	Percent of civilians of voting age
1920....	61,495	26,813	43.6	25,080	40.8	1938....	82,225	---	---	36,236	44.1
1922....	63,598	---	---	20,409	32.1	1940....	81,319	49,820	59.1	46,951	55.7
1924....	66,195	29,091	43.9	26,884	40.6	1942....	82,851	---	---	28,074	33.9
1926....	68,550	---	---	20,613	30.1	1944....	90,599	47,976	53.0	45,103	49.8
1928....	70,993	36,812	51.9	34,154	48.1	1946....	92,018	---	---	34,398	37.4
1930....	73,521	---	---	24,777	33.7	1948....	94,877	48,834	51.5	46,142	48.6
1932....	75,671	39,751	52.5	37,657	49.8	1950....	97,023	---	---	40,430	41.7
1934....	77,898	---	---	32,530	41.8	1952....	98,135	61,552	62.7	57,571	58.7
1936....	80,055	45,647	57.0	42,886	53.6	1954....	100,223	---	---	42,580	42.5

<sup>1</sup> Population 21 years old and over plus population 18 to 20 years in Georgia for 1944 to 1954.<sup>2</sup> Total population including Armed Forces overseas. Civilian population was 81,024,000; vote cast by civilians, 45,285,000; and percent of voting age, 55.9.Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 100, and records.



**No. 400.—MALE CITIZENS OF VOTING AGE, 1900 AND 1910, AND ALL CITIZENS OF VOTING AGE, 1920 TO 1950, BY STATES**

[For total population, 21 years old and over, for 1950, see table 34. For U. S. totals, see also *Historical Statistics*, series B 244 and B 258]

DIVISION AND STATE	MALE CITIZENS 21 YEARS OLD AND OVER		CITIZENS 21 YEARS OLD AND OVER			
	1900	1910	1920	1930	1940	1950
<b>United States</b> .....	<sup>1</sup> 18, 973, 994	<sup>2</sup> 23, 257, 240	<sup>2</sup> 54, 418, 928	67, 288, 952	79, 863, 451	<sup>3</sup> 94, 974, 460
<b>New England</b> .....	1, 373, 096	1, 542, 217	3, 637, 179	4, 251, 856	5, 015, 624	5, 969, 164
Maine.....	192, 202	201, 861	420, 711	439, 062	493, 506	552, 096
New Hampshire.....	110, 127	111, 052	235, 490	257, 350	295, 859	337, 585
Vermont.....	97, 029	100, 540	198, 609	203, 406	214, 248	229, 500
Massachusetts.....	647, 019	754, 547	1, 861, 269	2, 197, 605	2, 575, 477	3, 038, 491
Rhode Island.....	100, 705	119, 620	289, 645	357, 669	424, 876	514, 009
Connecticut.....	226, 014	254, 597	631, 455	796, 764	1, 011, 658	1, 297, 483
<b>Middle Atlantic</b> .....	3, 860, 713	4, 516, 638	10, 984, 026	14, 179, 853	16, 951, 733	19, 842, 834
New York.....	1, 828, 887	2, 110, 318	5, 129, 209	6, 783, 594	8, 327, 563	9, 796, 074
New Jersey.....	467, 018	592, 234	1, 526, 693	2, 179, 216	2, 592, 978	3, 217, 130
Pennsylvania.....	1, 564, 808	1, 814, 086	4, 328, 124	5, 217, 043	6, 031, 192	6, 829, 625
<b>East North Central</b> .....	4, 139, 283	4, 835, 329	11, 609, 924	14, 486, 613	16, 796, 537	19, 662, 232
Ohio.....	1, 143, 426	1, 317, 652	3, 228, 349	3, 882, 029	4, 404, 423	5, 181, 253
Indiana.....	691, 286	775, 688	1, 702, 578	1, 944, 828	2, 198, 935	2, 531, 990
Illinois.....	1, 259, 283	1, 453, 840	3, 462, 573	4, 428, 680	5, 119, 854	5, 801, 882
Michigan.....	611, 015	733, 615	1, 879, 272	2, 575, 816	3, 131, 722	3, 963, 014
Wisconsin.....	434, 273	554, 534	1, 337, 152	1, 655, 260	1, 941, 603	2, 184, 093
<b>West North Central</b> .....	2, 646, 505	3, 122, 829	6, 839, 872	7, 760, 810	8, 501, 797	9, 001, 992
Minnesota.....	412, 186	521, 198	1, 232, 866	1, 461, 311	1, 730, 547	1, 873, 326
Iowa.....	594, 797	607, 050	1, 366, 919	1, 472, 456	1, 608, 926	1, 676, 476
Missouri.....	822, 548	916, 609	1, 969, 089	2, 221, 259	2, 463, 726	2, 619, 739
North Dakota.....	70, 893	139, 167	289, 868	340, 664	358, 090	358, 562
South Dakota.....	93, 799	151, 030	313, 279	374, 337	378, 405	396, 511
Nebraska.....	264, 228	315, 065	684, 973	784, 745	817, 280	846, 047
Kansas.....	388, 054	472, 710	982, 878	1, 106, 038	1, 144, 823	1, 231, 331
<b>South Atlantic</b> .....	2, 453, 831	2, 978, 380	7, 048, 935	8, 282, 868	10, 285, 903	<sup>3</sup> 12, 871, 228
Delaware.....	51, 318	56, 785	126, 254	142, 052	171, 856	207, 410
Maryland.....	307, 821	343, 807	818, 143	958, 671	1, 153, 510	1, 500, 329
District of Columbia.....	80, 504	98, 122	292, 964	330, 866	474, 793	570, 093
Virginia.....	443, 237	514, 781	1, 192, 560	1, 293, 254	1, 567, 517	2, 013, 357
West Virginia.....	241, 473	310, 831	710, 927	874, 116	1, 046, 107	1, 160, 622
North Carolina.....	416, 514	502, 506	1, 202, 558	1, 538, 977	1, 925, 483	2, 304, 999
South Carolina.....	282, 054	333, 171	776, 847	817, 584	989, 841	1, 148, 289
Georgia.....	497, 748	615, 893	1, 414, 819	1, 494, 096	1, 768, 969	<sup>3</sup> 2, 175, 612
Florida.....	133, 162	202, 484	513, 863	833, 252	1, 187, 827	1, 790, 517
<b>East South Central</b> .....	1, 778, 419	2, 074, 883	4, 493, 821	5, 201, 377	6, 084, 611	6, 659, 510
Kentucky.....	537, 526	596, 140	1, 278, 411	1, 416, 323	1, 630, 772	1, 737, 664
Tennessee.....	483, 505	547, 905	1, 208, 228	1, 413, 523	1, 703, 391	1, 973, 444
Alabama.....	410, 533	507, 186	1, 135, 559	1, 343, 283	1, 555, 369	1, 743, 611
Mississippi.....	346, 855	423, 652	871, 623	1, 028, 248	1, 195, 079	1, 204, 791
<b>West South Central</b> .....	1, 416, 912	2, 143, 281	4, 973, 325	6, 366, 907	7, 536, 731	8, 650, 814
Arkansas.....	310, 218	391, 232	861, 540	964, 956	1, 098, 986	1, 109, 935
Louisiana.....	312, 751	397, 717	897, 236	1, 118, 843	1, 364, 933	1, 577, 244
Oklahoma.....	105, 767	420, 741	980, 448	1, 277, 419	1, 362, 438	1, 376, 350
Texas.....	688, 176	933, 591	2, 234, 101	3, 005, 689	3, 710, 374	4, 587, 285
<b>Mountain</b> .....	486, 597	736, 526	1, 656, 604	1, 953, 152	2, 393, 992	2, 982, 406
Montana.....	84, 572	117, 906	284, 244	298, 982	343, 180	364, 203
Idaho.....	47, 314	94, 770	218, 411	237, 144	305, 311	343, 811
Wyoming.....	32, 823	49, 597	102, 698	124, 224	150, 031	175, 136
Colorado.....	163, 665	233, 617	519, 205	586, 255	688, 410	826, 964
New Mexico.....	51, 067	81, 142	159, 914	202, 566	275, 227	367, 433
Arizona.....	35, 107	46, 091	125, 923	202, 369	263, 346	421, 146
Utah.....	57, 767	83, 703	205, 671	248, 410	298, 160	380, 051
Nevada.....	14, 282	29, 700	40, 538	53, 202	70, 327	103, 662
<b>Pacific</b> .....	722, 893	1, 253, 604	3, 102, 227	4, 805, 516	6, 296, 523	9, 334, 280
Washington.....	165, 752	347, 470	741, 213	916, 864	1, 123, 725	1, 507, 786
Oregon.....	123, 779	211, 875	447, 823	579, 547	717, 121	980, 192
California.....	433, 362	694, 259	1, 913, 191	3, 309, 105	4, 455, 677	6, 846, 302

<sup>1</sup> Includes 95,745 males in Indian Territory.

<sup>2</sup> 1910 and 1920 State figures include foreign-born Negroes (not naturalized) excluded from U. S. totals, but exclude native born of all other nonwhite races included in U. S. totals.

<sup>3</sup> Figures for Georgia, where minimum voting age is 18, includes all persons (172,441), citizens and noncitizens, 18 to 20 years of age.

Source: Department of Commerce, Bureau of the Census. 12th Census Reports, *Population*, Vol. I, Pt. 1; 13th Census Reports, *Abstract of the Census*; 14th Census Reports, *Population*, Vol. III; 15th Census Reports, *Population*, Vol. II; 16th Census Reports, *Population*, Vol. II, Pt. 1; and *U. S. Census of Population: 1950*, Vol. II, Pt. 1.

No. 401.—COMPOSITION OF CONGRESS BY POLITICAL PARTY AFFILIATIONS: 1915 TO 1956

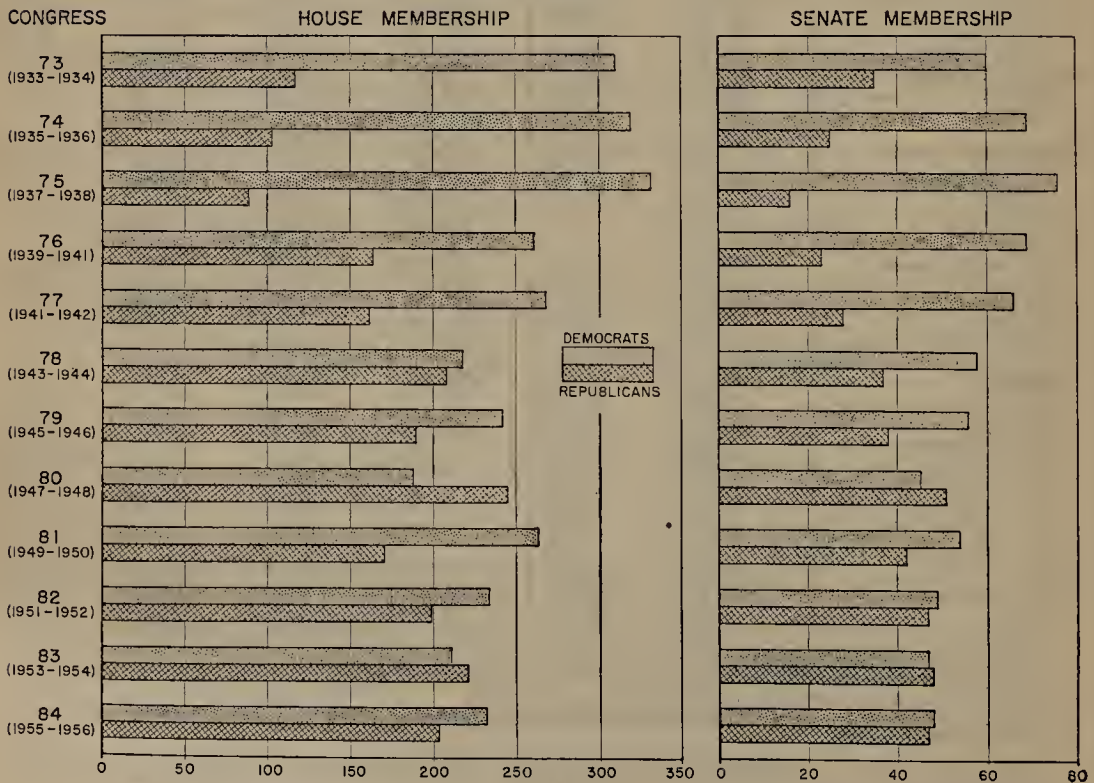
[D=Democratic, R=Republican. Figures are for the beginning of the first session of each Congress. See also *Historical Statistics*, series P 50-56]

YEAR	President	Congress	HOUSE			SENATE		
			Major party	Principal minority party	Other (except vacancies)	Major party	Principal minority party	Other (except vacancies)
1915-1917	D (Wilson)	64th	D-230	R-196	9	D-56	R-40	-----
1917-1919	D (Wilson)	65th	D-216	R-210	6	D-53	R-42	-----
1919-1921	D (Wilson)	66th	R-240	D-190	3	R-49	D-47	-----
1921-1923	R (Harding)	67th	R-301	D-131	1	R-59	D-37	-----
1923-1925	R (Coolidge)	68th	R-225	D-205	3	R-51	D-43	2
1925-1927	R (Coolidge)	69th	R-247	D-183	4	R-56	D-39	1
1927-1929	R (Coolidge)	70th	R-237	D-195	3	R-49	D-46	1
1929-1931	R (Hoover)	71st	R-267	D-167	1	R-56	D-39	1
1931-1933	R (Hoover)	72d	D-220	R-214	1	R-48	D-47	1
1933-1934	D (F. Roosevelt)	73d	D-310	R-117	5	D-60	R-35	1
1935-1936	D (F. Roosevelt)	74th	D-319	R-103	10	D-69	R-25	2
1937-1938	D (F. Roosevelt)	75th	D-331	R-89	13	D-76	R-16	4
1939-1941	D (F. Roosevelt)	76th	D-261	R-164	4	D-69	R-23	4
1941-1942	D (F. Roosevelt)	77th	D-268	R-162	5	D-66	R-28	2
1943-1944	D (F. Roosevelt)	78th	D-218	R-208	4	D-58	R-37	1
1945-1946	{ D (F. Roosevelt) D (Truman)	} 79th	D-242	R-190	2	D-56	R-38	1
1947-1948	D (Truman)	80th	R-245	D-188	1	R-51	D-45	-----
1949-1950	D (Truman)	81st	D-263	R-171	1	D-54	R-42	-----
1951-1952	D (Truman)	82d	D-234	R-199	1	D-49	R-47	-----
1953-1954	R (Eisenhower)	83d	R-221	D-211	1	R-48	D-47	1
1955-1956	R (Eisenhower)	84th	D-232	R-203	-----	D-48	R-47	1

Source: U. S. Congress, Joint Committee on Printing; *Congressional Directory*.

FIG. XXVI.—COMPOSITION OF CONGRESS BY POLITICAL PARTY AFFILIATIONS: 1933 TO 1956

[See table 401]



Source: Chart prepared by Department of Commerce, Bureau of the Census. For source of data, see table 401.



# No. 402.—COMPOSITION OF CONGRESS BY POLITICAL PARTY AFFILIATIONS, BY STATES: 1951 TO 1955

[Figures are for the beginning of the first session of each Congress]

STATE	REPRESENTATIVES						SENATORS					
	82d Congress <sup>1</sup> (1951)		83d Congress <sup>2</sup> (1953)		84th Congress (1955)		82d Congress (1951)		83d Congress (1953)		84th Congress <sup>3</sup> (1955)	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
<b>United States</b> .....	234	199	211	221	232	203	49	47	47	48	48	47
Alabama.....	9	—	9	—	9	—	2	—	2	—	2	—
Arizona.....	2	—	1	1	1	1	2	—	1	1	1	1
Arkansas.....	7	—	6	—	6	—	2	—	2	—	2	—
California.....	10	13	11	19	11	19	—	2	—	2	—	2
Colorado.....	2	2	2	2	2	2	1	1	1	1	—	2
Connecticut.....	2	4	1	5	1	5	2	—	—	2	—	2
Delaware.....	—	1	—	1	1	—	1	1	1	1	1	1
Florida.....	6	—	8	—	7	1	2	—	2	—	2	—
Georgia.....	10	—	9	—	10	—	2	—	2	—	2	—
Idaho.....	—	2	1	1	1	1	—	2	—	2	—	2
Illinois.....	8	18	8	16	12	13	1	1	1	1	1	1
Indiana.....	2	9	1	10	2	9	—	2	—	2	—	2
Iowa.....	—	8	—	8	—	8	1	1	1	1	—	2
Kansas.....	—	6	1	5	—	6	—	2	—	2	—	2
Kentucky.....	7	2	6	2	6	2	2	—	1	1	2	—
Louisiana.....	8	—	8	—	8	—	2	—	2	—	2	—
Maine.....	—	3	—	3	—	3	—	2	—	2	—	2
Maryland.....	3	3	3	4	4	3	1	1	—	2	—	2
Massachusetts.....	6	8	6	8	7	7	—	2	1	1	1	1
Michigan.....	5	12	5	13	7	11	—	2	—	2	1	1
Minnesota.....	4	5	4	5	5	4	1	1	1	1	1	1
Mississippi.....	7	—	6	—	6	—	2	—	2	—	2	—
Missouri.....	9	3	7	4	9	2	1	1	2	—	2	—
Montana.....	1	1	1	1	1	1	1	1	2	—	2	—
Nebraska.....	—	4	—	4	—	4	—	2	—	2	—	2
Nevada.....	1	—	—	1	—	1	1	1	1	1	1	1
New Hampshire.....	—	2	—	2	—	2	—	2	—	2	—	2
New Jersey.....	5	9	5	9	6	8	—	2	—	2	—	2
New Mexico.....	2	—	2	—	2	—	2	—	2	—	2	—
New York.....	23	22	16	27	17	26	1	1	1	1	1	1
North Carolina.....	12	—	11	1	11	1	2	—	2	—	2	—
North Dakota.....	—	2	—	2	—	2	—	2	—	2	—	2
Ohio.....	7	15	6	16	6	17	—	2	—	2	—	2
Oklahoma.....	6	2	5	1	5	1	2	—	2	—	2	—
Oregon.....	—	4	—	4	1	3	—	2	—	1	1	—
Pennsylvania.....	13	20	11	19	14	16	—	2	—	2	—	2
Rhode Island.....	2	—	2	—	2	—	2	—	2	—	2	—
South Carolina.....	6	—	6	—	6	—	2	—	2	—	2	—
South Dakota.....	—	2	—	2	—	2	—	2	—	2	—	2
Tennessee.....	8	2	7	2	7	2	2	—	2	—	2	—
Texas.....	21	—	22	—	21	1	2	—	2	—	2	—
Utah.....	2	—	—	2	—	2	—	2	—	2	—	2
Vermont.....	—	1	—	1	—	1	—	2	—	2	—	2
Virginia.....	9	—	7	3	8	2	2	—	2	—	2	—
Washington.....	2	4	1	6	1	6	1	1	2	—	2	—
West Virginia.....	6	—	5	1	6	—	2	—	2	—	2	—
Wisconsin.....	1	9	1	9	3	7	—	2	—	2	—	2
Wyoming.....	—	1	—	1	—	1	2	—	1	1	1	1

<sup>1</sup> Data exclude 1 vacancy for Missouri and 1 Independent for Ohio.

<sup>2</sup> Data exclude 1 vacancy for Georgia, 1 vacancy for Illinois, and 1 Independent for Ohio.

<sup>3</sup> Data exclude 1 Independent for Oregon.

Source: U. S. Congress, Joint Committee on Printing; *Congressional Directory*.

No. 403.—CONGRESSIONAL BILLS, ACTS, AND RESOLUTIONS: 1937 TO 1954

[Excludes simple and concurrent resolutions. See also *Historical Statistics*, series P 40-44 and P 47]

ITEM	75th Cong.	76th Cong.	77th Cong.	78th Cong.	79th Cong.	80th Cong.	81st Cong.	82d Cong.	83d Cong.
Period of session .....	1937-1938	1939-1941	1941-1942	1943-1944	1945-1946	1947-1948	1949-1950	1951-1952	1953-1954
Measures introduced, total .....	16,156	16,105	11,334	8,334	10,330	10,797	14,988	12,730	14,952
Bills .....	15,120	15,174	10,793	7,845	9,748	10,108	14,219	12,062	14,181
Joint resolutions .....	1,036	931	541	489	582	689	769	668	771
Measures enacted, total ..	1,759	1,662	1,485	1,157	1,625	1,363	2,024	1,617	1,783
Public .....	919	1,005	850	568	733	906	921	594	781
Private .....	840	657	635	589	892	457	1,103	1,023	1,002

Source: U. S. Congress, *Calendar of the U. S. House of Representatives and History of Legislation*, tabulations of Library of Congress Legislative Reference Service; and *Congressional Record*, Dec. 14, 1954, Vol. 100.

No. 404.—CONGRESSIONAL BILLS VETOED: 1913 TO 1954

[See also *Historical Statistics*, series P 32-37]

PERIOD	President	VETOED BILLS			Vetoed sustained	Bills passed over veto
		Total	Regular	Pocket		
1913-1921 .....	Wilson .....	44	33	11	38	6
1921-1923 .....	Harding .....	6	5	1	6	-----
1923-1929 .....	Coolidge .....	50	20	30	46	4
1929-1933 .....	Hoover .....	37	21	16	34	3
1933-1945 .....	F. Roosevelt .....	631	371	260	622	9
1945-1953 .....	Truman .....	250	180	70	238	12
1953-1954 .....	Eisenhower .....	52	21	31	52	-----

Source: U. S. Congress, Senate Library, *Veto Messages* . . . 1889-1948; U. S. Congress, *Calendars of the U. S. House of Representatives and History of Legislation*.

No. 405.—EXPENDITURES BY ORGANIZATIONS ATTEMPTING TO INFLUENCE NATIONAL LEGISLATION (LOBBIES): 1949 TO 1953

[Represents tabulation of reports made under Federal Regulation of Lobbying Act. Excludes personal reports of individuals representing organizations for which no separate report was filed. Classification of an organization is based on what appears to be the basic nature of the group's membership, determined largely by the organization name, rather than on legislative interest]

TYPE OF ORGANI- ZATION	1949		1950		1951		1952		1953 <sup>1</sup>	
	Num- ber of groups <sup>2</sup>	Ex- pendi- tures <sup>3</sup>	Num- ber of groups <sup>2</sup>	Ex- pendi- tures <sup>3</sup>	Num- ber of groups <sup>2</sup>	Ex- pendi- tures <sup>3</sup>	Num- ber of groups <sup>2</sup>	Ex- pendi- tures <sup>3</sup>	Num- ber of groups <sup>2</sup>	Ex- pendi- tures <sup>3</sup>
Total .....	256	\$1,000 7, 970	312	\$1,000 10, 303	267	\$1,000 8, 771	216	\$1,000 4, 824	197	\$1,000 4, 352
Business .....	140	3, 280	141	3, 410	117	3, 090	96	2, 216	102	2, 585
Citizens .....	30	1, 015	45	1, 800	36	1, 498	29	416	26	327
Employee .....	17	257	30	518	30	581	22	467	23	453
Farm .....	11	392	13	1, 212	10	1, 282	7	357	8	211
Foreign policy .....	14	719	13	745	11	581	9	196	6	155
Professional .....	15	1, 672	21	1, 597	18	673	18	497	13	239
Reclamation .....	11	374	11	389	11	412	9	318	8	167
Tax .....	13	155	31	443	31	525	22	207	8	99
Veterans, military .....	5	106	7	188	3	128	4	151	3	117

<sup>1</sup> Excludes 1953 reports filed after publication of listings in *Congressional Record*, April 2, 1954.

<sup>2</sup> Excludes those reporting no expenditure.

<sup>3</sup> Reported as spent "in connection with legislative interests." Some groups report expenditures for all purposes; others report an allocation of spending for legislative purposes.

Source: Congressional Quarterly News Features, Washington, D. C.; *Congressional Quarterly Almanac*. (Material copyrighted; written permission required for reproduction rights.)



## 14. Federal Government Finances and Employment

This section presents statistics relating to the financial structure and the civilian employment of the Federal Government. The fiscal data cover the essential apparatus of public financing, namely: Appropriations, taxes, receipts, expenditures, credit, and debt. The personnel data relate to civil staffing and payrolls for the different public functions and agencies, certain employee characteristics, and civil service and retirement status.

Principal sources of the fiscal data are *The Budget of the United States Government* published annually by the Bureau of the Budget and the Treasury Department's annual *Combined Statement of Receipts, Expenditures and Balances*, an abstract of the Treasury books relating to all of the receipt and appropriation accounts which report disbursements under the appropriations made by the Congress. The *Annual Report of the Secretary of the Treasury* is a convenient summary of yearly data relating to somewhat broader fields.

The day-to-day cash operations of the Federal Government clearing through the accounts of the Treasurer of the United States are reported in the *Daily Statement of the United States Treasury*. In the issue for the last day of the month the *Statement* contains information as to the public debt receipts and expenditures for the month and the outstanding public debt as of that day.

Receipts and expenditures of the Government classified as to budgetary and non-budgetary transactions and showing the budget surplus or deficit appear in the *Monthly Statement of Receipts and Expenditures of the United States Government*. The monthly *Treasury Bulletin* contains analytical material on fiscal operations and related Treasury activities. Another special aspect of Federal finances is presented in the Treasury Department's monthly *Circulation Statement of United States Money*.

Tax data are compiled by the Internal Revenue Service of the Treasury Department. The *Annual Report of the Commissioner of Internal Revenue* gives a detailed account of tax collections by kind of tax and by geographic area. The same agency's annual report, *Statistics of Income*, Part 1, presents data on individual income tax returns, taxable fiduciary income tax returns, Federal estate tax returns, and gift tax returns. *Statistics of Income*, Part 2, also published annually, presents data from corporation income tax returns, corporation excess-profits tax returns, and biennially, personal holding company returns.

Federal employment figures are compiled primarily by the Civil Service Commission. The figures are issued by that agency in its regular *Annual Report* and its *Monthly Report on Employment*. The Commission also publishes an annual report on the pay of Federal employees entitled *Pay Structure of the Federal Civil Service*. Data on Federal employment are also issued by the Bureau of Labor Statistics in its *Monthly Labor Review*.

**Treasury receipts and expenditures.**—All receipts of the Government, with a few exceptions, are deposited to the credit of the Treasurer of the United States, irrespective of their ultimate disposition or availability for expenditure. The Treasury Department currently uses two bases for the reporting of receipts: (1) Latest available reports of deposits in government depositories in the general account of the Treasurer of the United States; and (2) collections as reported by government collecting agencies.

Note.—This section presents data for the most recent year or period available on March 31, 1955, when the material was organized and sent to the printer.

Receipts on the first basis are presented in the *Daily Statement of the United States Treasury*, the purpose of which is to report receipts as promptly as possible. Receipts on a collection basis (taxes, customs duties, trust receipts, receipts of certain government corporations and public enterprises) and miscellaneous budget receipts which are on the basis of the latest reports of deposits in government depositaries are presented in the *Monthly Statement of Receipts and Expenditures of the United States Government*. The *Monthly Statement* also includes deposits or collections in cash accounts of Government agencies held outside the Treasury as well as those in the general account of the Treasurer of the United States. The final statement issued after the close of the fiscal year is held open until all reports have been received covering deposits or collections for that year.

Under the Constitution, no money may be withdrawn from the Treasury unless appropriated by the Congress. The Treasury Department reports Government expenditures on two bases: (1) Checks paid or withdrawals affecting the account of the Treasurer of the United States; and (2) checks issued and cash payments made by disbursing officers. Transactions of the first type are reported in the *Daily Statement* referred to above; items representing interfund or intragovernmental payments are not included. Expenditures of the second type are presented in the *Monthly Statement*, mentioned above, and in the annual *Combined Statement of Receipts, Expenditures and Balances*, also cited earlier. These monthly and annual reports include payments from cash accounts of Government agencies held outside the Treasury as well as those from the general account of the Treasurer of the United States.

**Treasury budget and nonbudget accounts.**—All receipts of the Government are recorded by the Treasury in accounts classified generally according to the source and according to whether or not the receipts are earmarked in some degree for expenditure. Disbursements of the Government are similarly classified by accounts reflecting various types of authorizations or conditions under which they may be expended.

Budget accounts include: General fund receipts available for financing the general Government operations to the extent appropriations are made by the Congress (sources of general receipts are income, excise, and employment taxes, customs duties, etc.); special fund receipts (earmarked moneys) received subject to special legal authorizations which may be expended only for the particular purpose specified (examples are the Mineral Leasing Act and the National Forest Fund); expenditure (appropriation) accounts which record the amounts authorized by the Congress and expenditures therefrom, for the general support of the Government; revolving and management fund accounts which record funds authorized by specific provisions of law to finance without further action by the Congress a continuing cycle of operations, with receipts derived from such operations, and to facilitate accounting for and administration of intragovernmental operations.

Nonbudget accounts include: Trust accounts which record the receipt and expenditure of moneys held in trust by the Government for the benefit of individuals or classes of individuals, such moneys being expended only in accordance with the terms of a trust agreement or statute (examples are Civil Service Retirement Fund, Old-Age and Survivors Insurance Trust Fund, National Service Life Insurance Fund, etc.); deposit fund accounts which record receipts either held in suspense temporarily and later refunded or transferred to another Government account, or held by the Government as banker or agent and paid out at the owners' direction (example is account for the accumulation of taxes withheld from employees' salaries). Funds in nonbudget accounts have no effect on the budget surplus or deficit.



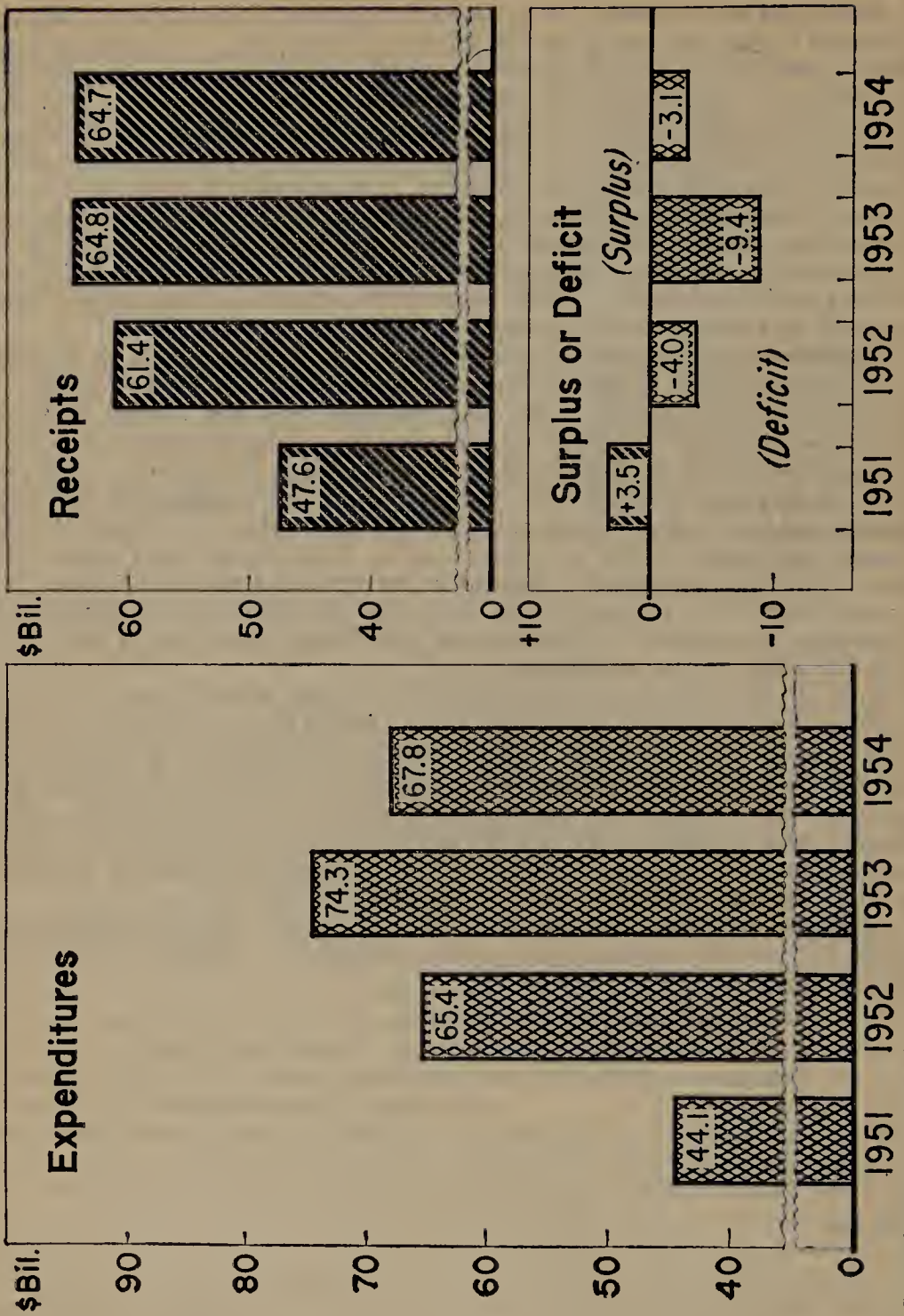
**Public and private debt.**—These data appear annually in an issue of the monthly *Survey of Current Business* of the Department of Commerce. Net public and private debt outstanding is a comprehensive aggregate of indebtedness of borrowers after elimination of certain duplicating governmental and corporate debt. This measure of indebtedness provides a more significant indication of trends in debt structure than does gross debt, since effects of nominal changes in financial practices and organization are largely removed. To obtain net figures, gross or total debt is adjusted for specific types of duplications pertaining to the following: (1) Federal Government and its corporations and agencies generally; (2) State and local governments; and (3) within the corporate area, those affiliated but legally distinct corporations which operate under a single management. In the noncorporate private area, data are gross throughout with no adjustments for duplications.

**Employment and payrolls.**—Employment data are collected from all departments and agencies of the Federal Government by the Civil Service Commission. The Commission does not collect personnel statistics from the District of Columbia Government. Employment figures represent the number of persons who occupied civilian positions on the last day of the calendar month shown and who are paid for personal services rendered for the Federal Government, regardless of the nature of appointment or method of payment. Intermittent workers are counted if they performed any service during the report month. Employment totals exclude persons serving without compensation, persons on leave without pay for scheduled periods longer than 30 days, persons in leave status after reduction-in-force, and persons hired informally "on the spot" without formal appointment procedures to cope with fire, flood, or other extreme emergencies.

Federal payrolls include all payments for personal services rendered during the calendar month and payments for accumulated annual leave of employees who separate from the service. Since most Federal employees are paid on a biweekly basis, the calendar month earnings are partially estimated on the basis of the number of work days in each month where payroll periods overlap consecutive months. Monthly payroll totals fluctuate in amount because the number of work days in each month varies from 20 to 23 days. Holidays may be disregarded since Federal employees are paid for the eight national holidays on which they do not work.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series P 89-98") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

FIG. XXVII.—RECEIPTS AND EXPENDITURES OF THE FEDERAL GOVERNMENT: 1951 TO 1954  
[See tables 406 and 407]



Source: Treasury Department.



FIG. XXVIII.—GROSS PUBLIC DEBT OF THE UNITED STATES: 1946 TO 1954

[See table 433]

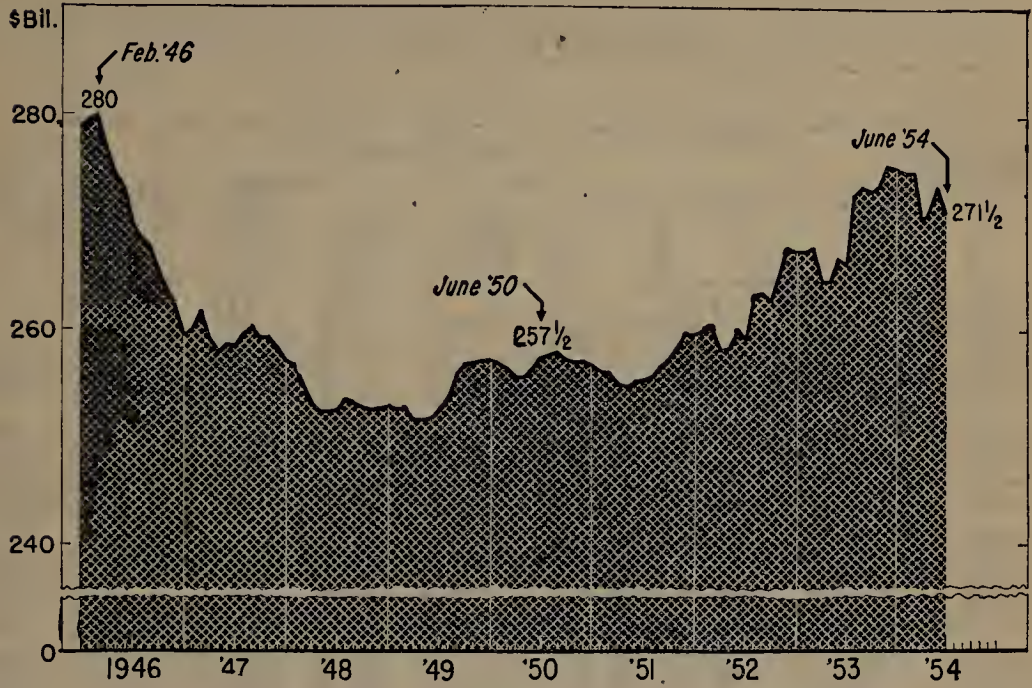
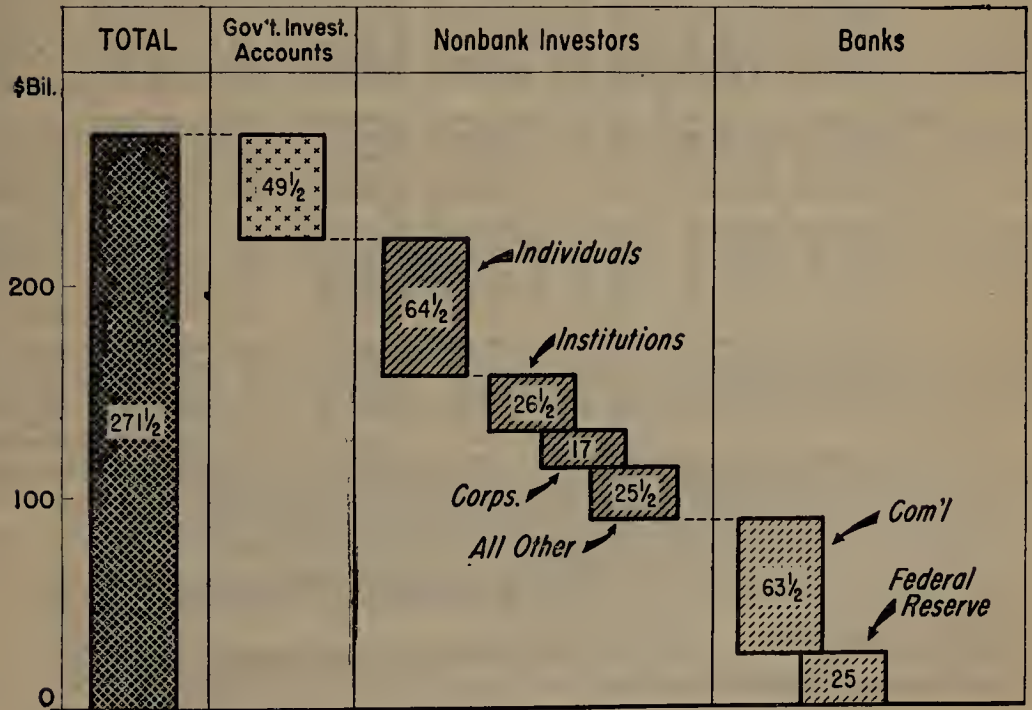


FIG. XXIX.—OWNERSHIP OF GROSS PUBLIC DEBT: 1954

[See table 435]



Source of figs. XXVIII and XXIX: Treasury Department.

# NO. 406.—RECEIPTS AND SURPLUS OR DEFICIT OF THE FEDERAL GOVERNMENT: 1789 TO 1954

[In thousands of dollars. On basis of warrants issued through 1915, and on basis of daily Treasury statements for 1916 through 1952; beginning with 1953, on basis of *Monthly Statement of Receipts and Expenditures of the U. S. Government*. General, special, emergency, and trust accounts combined through 1930; thereafter, trust accounts excluded. For explanation of bases and accounts, see text, p. 343. See also *Historical Statistics*, series P 89-93]

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	RECEIPTS							Surplus (+) or deficit (—), re- ceipts com- pared with expendi- tures
	Net <sup>1</sup>	Total <sup>1</sup>	Customs <sup>2</sup>	Internal revenue		Sales of public lands <sup>4</sup>	Other receipts	
				Income and profits taxes	Other			
1789-1800 <sup>5</sup>	5, 717	5, 717	5, 020	-----	<sup>6</sup> 375	<sup>6</sup> 9	313	-59
1801-1810 <sup>7</sup>	13, 056	13, 056	12, 046	-----	201	457	352	+3, 970
1811-1820 <sup>7</sup>	21, 032	21, 032	16, 383	-----	1, 545	1, 624	1, 481	-2, 911
1821-1830 <sup>7</sup>	21, 923	21, 923	19, 852	-----	32	1, 389	650	+5, 761
1831-1840 <sup>7</sup>	30, 461	30, 461	20, 470	-----	5	7, 452	2, 533	+5, 966
1841-1850 <sup>7</sup>	28, 545	28, 545	25, 649	-----	<sup>6</sup> 1	2, 085	809	-5, 553
1851-1860	60, 237	60, 237	54, 498	-----	-----	4, 583	1, 157	+74
1861-1865	160, 907	160, 907	68, 989	<sup>8</sup> 28, 005	<sup>6</sup> 54, 566	555	19, 994	-522, 878
1866-1870	447, 301	447, 301	178, 903	50, 604	171, 316	2, 110	44, 368	+69, 659
1871-1875	336, 830	336, 830	186, 200	7, 760	12, 217	2, 223	28, 429	+49, 370
1876-1880	288, 124	288, 124	146, 594	( <sup>9</sup> )	116, 697	1, 025	23, 808	+32, 526
1881-1885	366, 961	366, 961	201, 963	<sup>10</sup> 29	132, 102	6, 086	26, 799	+109, 270
1886-1890	375, 448	375, 448	216, 557	-----	126, 683	8, 097	24, 111	+96, 314
1891-1895	352, 891	352, 891	176, 861	<sup>11</sup> 77	150, 228	2, 650	23, 136	-10, 708
1896-1900	434, 877	434, 877	185, 089	-----	206, 623	1, 526	41, 639	-22, 574
1901-1905	559, 481	559, 481	260, 117	-----	255, 374	5, 670	38, 321	+23, 922
1906-1910	628, 508	628, 508	310, 599	<sup>12</sup> 20, 952	257, 145	7, 310	49, 265	-10, 670
1911-1915	710, 227	710, 227	289, 363	49, 738	307, 116	3, 755	60, 256	-10, 025
1916-1920	3, 483, 653	3, 483, 653	225, 301	1, 952, 471	893, 212	1, 813	410, 855	-4, 581, 680
1921-1925	4, 306, 673	4, 306, 673	464, 027	2, 111, 093	1, 052, 604	846	678, 104	+727, 684
1926-1930	4, 069, 138	4, 069, 138	588, 636	2, 224, 537	671, 331	494	584, 140	+886, 331
1931-1935	2, 770, 973	2, 838, 216	322, 729	1, 116, 203	1, 186, 498	138	212, 648	-2, 443, 900
1936-1940	4, 960, 614	5, 442, 480	379, 957	2, 108, 871	2, 740, 862	121	212, 669	-3, 231, 753
1941-1945	25, 951, 137	27, 653, 194	378, 227	19, 470, 335	6, 146, 815	136	1, 657, 680	-38, 086, 851
1946-1950	39, 047, 243	43, 785, 853	431, 682	29, 821, 258	10, 438, 566	( <sup>13</sup> )	<sup>13</sup> 3, 094, 346	-3, 287, 291
1937	4, 978, 601	5, 293, 590	486, 357	2, 163, 414	2, 433, 726	71	210, 022	-2, 777, 421
1938	5, 615, 221	6, 241, 661	359, 187	2, 640, 285	3, 034, 034	96	208, 060	-1, 176, 617
1939	4, 996, 300	5, 667, 824	318, 837	2, 188, 757	2, 972, 464	248	187, 517	-3, 862, 158
1940	5, 144, 013	5, 893, 368	348, 591	2, 125, 325	3, 177, 809	117	241, 526	-3, 918, 019
1941	7, 102, 931	7, 995, 612	391, 870	3, 469, 638	3, 892, 037	178	241, 888	-6, 159, 272
1942	12, 555, 436	13, 676, 680	388, 948	7, 960, 465	5, 032, 653	90	294, 525	-21, 490, 243
1943	21, 986, 701	23, 402, 322	324, 291	16, 093, 669	6, 050, 300	129	933, 933	-57, 420, 430
1944	43, 635, 315	45, 441, 049	431, 252	34, 654, 852	7, 030, 135	99	3, 324, 711	-51, 423, 393
1945	44, 475, 304	47, 750, 306	354, 776	35, 173, 051	8, 728, 951	184	3, 493, 345	-53, 940, 916
1946	39, 771, 404	44, 238, 135	435, 475	30, 884, 796	9, 425, 537	127	3, 492, 200	-20, 676, 171
1947	39, 786, 181	44, 508, 189	494, 078	29, 305, 568	10, 073, 840	143	4, 634, 559	+753, 788
1948	41, 488, 179	46, 098, 807	421, 723	31, 170, 968	10, 682, 517	214	3, 823, 385	+8, 419, 470
1949	37, 695, 549	42, 773, 506	384, 485	29, 482, 284	10, 825, 001	( <sup>13</sup> )	<sup>13</sup> 2, 081, 736	-1, 811, 440
1950	36, 494, 901	41, 310, 628	422, 650	28, 262, 671	11, 185, 936	( <sup>13</sup> )	<sup>13</sup> 1, 439, 370	-3, 122, 102
1951	47, 567, 613	53, 368, 672	624, 008	37, 752, 554	13, 353, 541	( <sup>13</sup> )	<sup>13</sup> 1, 638, 569	+3, 509, 783
1952	61, 390, 945	67, 999, 370	550, 696	51, 346, 526	14, 283, 369	( <sup>13</sup> )	<sup>13</sup> 1, 813, 779	-4, 016, 640
1953	64, 825, 044	72, 649, 135	613, 420	54, 362, 968	15, 808, 006	( <sup>13</sup> )	<sup>13</sup> 1, 864, 741	-9, 449, 213
1954	64, 655, 387	73, 172, 936	562, 021	53, 905, 571	16, 394, 081	( <sup>13</sup> )	<sup>13</sup> 2, 311, 264	-3, 116, 966

<sup>1</sup> Total receipts less refunds of receipts beginning 1931, and less appropriations of receipts to Federal old-age and survivors insurance trust fund beginning 1937 and to railroad retirement account beginning 1938.

<sup>2</sup> Figures adjusted beginning 1931 on account of refunds of receipts and capital transfers.

<sup>3</sup> Includes tonnage tax prior to 1932. Beginning 1932, tonnage tax is included in other receipts.

<sup>4</sup> On basis of warrants issued 1789 through 1930; thereafter, on basis of deposits received.

<sup>5</sup> Average for period Mar. 4, 1789, through Dec. 31, 1800.

<sup>6</sup> Averages are for entire period though there were no amounts under these items for certain years.

<sup>7</sup> Years ending Dec. 31, 1801 to 1842; average for 1841-50 is for period Jan. 1, 1841, through June 30, 1850.

<sup>8</sup> Average for 1863-65.

<sup>9</sup> Less than \$500.

<sup>10</sup> Average for 1881 and 1884.

<sup>11</sup> One year only, 1895.

<sup>12</sup> One year only, 1910.

<sup>13</sup> Sales of public lands included in other receipts.

Source: Treasury Department, *Annual Report of the Secretary*.



# No. 407.—EXPENDITURES AND GROSS DEBT OF THE FEDERAL GOVERNMENT: 1789 TO 1954

[See headnote, table 406. See also *Historical Statistics*, series P 99-107 and P 132-133]

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	EXPENDITURES (thousands of dollars)							GROSS DEBT <sup>6</sup>	
	Total <sup>1</sup>	Departments of Army and Air Force <sup>2</sup>	Department of Navy <sup>3</sup>	Indians <sup>4</sup>	Veterans' pensions <sup>5</sup>	Interest on the public debt	All other <sup>4</sup>	Amount (millions of dollars)	Per capita (dollars)
1789-1800 <sup>6</sup> -----	5, 776	1, 464	745	27	82	2, 629	829	83	15.87
1801-1810 <sup>6</sup> -----	9, 086	1, 632	1, 637	164	79	3, 704	1, 871	53	7.46
1811-1820 <sup>6</sup> -----	23, 943	10, 742	4, 676	317	741	4, 877	2, 589	91	9.58
1821-1830 <sup>6</sup> -----	16, 162	3, 919	3, 295	599	1, 248	3, 956	3, 145	49	3.83
1831-1840 <sup>6</sup> -----	24, 495	8, 321	5, 042	2, 612	2, 572	331	5, 616	4	.21
1841-1850 <sup>6</sup> -----	34, 097	13, 491	7, 619	1, 458	1, 790	1, 701	8, 039	63	2.77
1851-1860 -----	60, 163	15, 784	11, 997	3, 267	1, 531	2, 776	24, 807	65	2.06
1861-1865 -----	683, 785	547, 753	65, 330	3, 203	4, 858	34, 601	28, 040	2, 678	75.01
1866-1870 -----	377, 642	127, 816	28, 383	4, 488	23, 428	135, 441	58, 087	2, 436	61.06
1871-1875 -----	287, 460	40, 186	23, 327	7, 504	30, 166	111, 580	74, 696	2, 156	47.84
1876-1880 -----	255, 598	37, 170	15, 990	5, 405	35, 051	100, 191	61, 791	2, 091	41.60
1881-1885 -----	257, 691	43, 010	15, 863	7, 328	57, 790	63, 742	69, 958	1, 579	27.86
1886-1890 -----	279, 134	40, 085	17, 872	6, 429	82, 657	44, 027	88, 064	1, 122	17.80
1891-1895 -----	363, 599	50, 326	29, 185	10, 651	140, 186	29, 402	103, 849	1, 097	15.76
1896-1900 -----	457, 451	111, 278	48, 086	11, 832	141, 642	38, 164	106, 450	1, 263	16.60
1901-1905 -----	535, 559	133, 362	86, 287	11, 711	140, 114	27, 849	136, 236	1, 132	13.51
1906-1910 -----	639, 178	169, 050	112, 872	15, 338	151, 329	22, 673	167, 916	1, 147	12.41
1911-1915 -----	720, 253	198, 792	134, 062	20, 744	164, 897	22, 519	179, 239	1, 191	11.85
1916-1920 -----	8, 065, 333	3, 212, 420	882, 132	30, 833	187, 143	375, 371	3, 377, 434	24, 299	228.23
1921-1925 -----	3, 578, 989	540, 176	427, 748	42, 125	244, 784	973, 696	1, 350, 460	20, 516	177.12
1926-1930 -----	3, 182, 807	404, 999	340, 343	37, 676	223, 507	737, 680	1, 438, 602	16, 185	131.51
1931-1935 -----	5, 214, 874	458, 730	358, 770	25, 384	279, 008	695, 549	3, 397, 430	28, 701	225.55
1936-1940 -----	8, 192, 367	698, 674	649, 179	36, 795	408, 758	904, 707	5, 494, 254	42, 968	325.23
1941-1945 -----	64, 037, 988	32, 143, 689	17, 673, 156	30, 207	514, 797	2, 080, 921	11, 595, 217	258, 682	1,848.60
1946-1950 -----	42, 334, 534	12, 744, 084	6, 722, 097	(?)	(?)	5, 196, 058	17, 672, 294	257, 357	1,696.61
1937 -----	7, 756, 021	628, 104	556, 674	36, 933	396, 047	866, 384	5, 271, 879	36, 425	282.75
1938 -----	6, 791, 838	644, 264	596, 130	33, 378	402, 779	926, 281	4, 189, 006	37, 165	286.27
1939 -----	8, 858, 458	695, 256	672, 722	46, 964	416, 721	940, 540	6, 086, 254	40, 440	308.98
1940 -----	9, 062, 032	907, 160	891, 485	37, 821	429, 178	1, 040, 936	5, 755, 453	42, 968	325.23
1941 -----	13, 262, 204	3, 938, 943	2, 313, 058	33, 588	433, 148	1, 110, 093	5, 432, 774	48, 961	367.09
1942 -----	34, 045, 679	14, 325, 508	8, 579, 589	31, 839	431, 294	1, 260, 085	9, 417, 363	72, 422	537.13
1943 -----	79, 407, 131	42, 525, 563	20, 888, 349	24, 665	442, 394	1, 808, 160	13, 718, 000	136, 696	999.83
1944 -----	95, 058, 708	49, 438, 330	26, 537, 634	31, 266	494, 959	2, 608, 980	15, 947, 539	201, 003	1,452.44
1945 -----	98, 416, 220	50, 490, 102	30, 047, 152	29, 680	772, 190	3, 616, 686	13, 460, 410	258, 682	1,848.60
1946 -----	60, 447, 574	27, 986, 769	15, 164, 412	35, 495	1, 261, 415	4, 721, 958	11, 277, 525	269, 422	1,905.42
1947 -----	39, 032, 393	9, 172, 139	5, 597, 203	37, 369	1, 929, 226	4, 957, 922	17, 338, 534	258, 286	1,792.05
1948 <sup>7</sup> -----	33, 068, 709	7, 698, 556	4, 284, 619	41, 147	2, 080, 130	5, 211, 102	13, 753, 155	252, 292	1,720.71
1949 <sup>8</sup> -----	39, 506, 989	9, 552, 858	4, 434, 706	(?)	(?)	5, 339, 396	20, 180, 029	252, 770	1,694.75
1950 -----	39, 617, 063	9, 310, 100	4, 129, 546	(?)	(?)	5, 749, 913	20, 427, 444	257, 357	1,696.68
1951 <sup>9</sup> -----	44, 057, 831	14, 994, 543	5, 862, 549	(?)	(?)	5, 612, 655	17, 588, 085	255, 222	1,653.42
1952 -----	65, 407, 585	30, 304, 330	10, 231, 265	(?)	(?)	5, 859, 263	19, 012, 727	259, 105	1,650.12
1953 -----	74, 274, 257	32, 139, 561	11, 874, 830	(?)	(?)	6, 503, 580	19, 756, 286	266, 071	1,666.81
1954 -----	67, 772, 353	29, 183, 862	11, 292, 804	(?)	(?)	6, 382, 486	19, 913, 202	271, 260	1,670.17

<sup>1</sup> Excludes debt retirements and beginning 1931, refunds of receipts and capital transfers.<sup>2</sup> Excludes civil expenditures by War and Navy Depts. in Washington through 1915. Subsequent to 1915 includes all expenditures made by Depts. of Army (including rivers and harbors and Panama Canal), Navy, and, beginning 1949, Air Force, irrespective of original source of funds. Expenditures of Dept. of Air Force for 1949 were \$1,680,461,000; for 1950, \$3,520,633,000; for 1951, \$6,358,604,000; for 1952, \$12,851,619,000; for 1953, \$15,085,228,000; and for 1954, \$15,668,473,000.<sup>3</sup> On basis of warrants issued through 1930; thereafter, on basis of checks issued. Expenditures for Indians exclude interest accounts, which are included in trust fund expenditures beginning 1940. Veterans' pensions represent expenditures under appropriation "Army and Navy pensions," administered by Veterans Administration.<sup>4</sup> Includes civil expenditures under War and Navy Depts. in Washington through 1915, expenditures of Office of Secy. of Defense, unavailable funds charged off under Act of June 3, 1922, expenditures for "Govt. corporations (wholly owned), etc. (net)" beginning 1932, and expenditures for Indians and veterans pensions beginning 1949.<sup>5</sup> Represents gross debt as of end of each period; e. g., 1800, 1810, etc.<sup>6</sup> Years ending Dec. 31 through 1842; average for 1789-1800 begins Mar. 4, 1789; average for 1841-50 is for Jan. 1, 1841-June 30, 1850. See footnote 5 concerning gross debt.<sup>7</sup> Included in all other.<sup>8</sup> For comparability with earlier years, all transactions relating to Foreign Economic Cooperation Trust Fund (amounting to \$3,000,000,000) have been consolidated with budget expenditures.<sup>9</sup> Beginning 1951, investments of wholly owned Government corporations in public debt securities are excluded from budget expenditures.<sup>10</sup> Includes Department of Defense, not segregated as to respective departments.Source: Treasury Department, *Annual Report of the Secretary*; annual and current data published in *Daily Statement of the U. S. Treasury*.

## No. 408.—FEDERAL GOVERNMENT EXPENDITURES, BY ORGANIZATION UNIT: 1948 TO 1955

[In millions of dollars. For years ending June 30. Expenditures reported on a checks-issued basis; prior to fiscal year 1953, adjusted to the *Daily Treasury Statement* basis, which was partly checks issued and partly checks paid. "Budget" receipts, expenditures, and authorizations, as used in this and following tables, are mainly those of general and special accounts. Excluded from both receipts and expenditures are refunds of receipts and employment tax receipts paid from the general fund to trust funds for Federal old-age and survivors insurance and railroad retirement. Budget expenditures also include net transactions (expenditures minus receipts) of wholly owned Government corporations and enterprises; omitted from both expenditures and receipts are transfers of capital between wholly owned Government corporations and the United States Treasury, and debt transactions of Government enterprises (expenditures from public debt authorizations are included; see also table 411). Figures in early years have not been revised to reflect recent changes in organizational structure]

DESCRIPTION OR ORGANIZATION UNIT	1948	1949	1950	1951	1952	1953	1954	1955 estimate
<b>Total budget expenditures</b> .....	133,069	39,507	239,606	44,058	65,410	74,274	67,772	63,504
Legislative branch.....	43	47	57	61	62	61	59	71
The Judiciary.....	20	21	24	25	27	27	28	31
Executive Office of the President.....	8	8	8	9	9	9	9	9
Funds appropriated to the President.....	164	4,044	3,627	4,158	4,983	5,783	5,282	4,585
Independent offices:								
Atomic Energy Commission.....	466	621	550	897	1,670	1,791	1,895	2,050
Civil Service Commission.....	261	244	323	324	332	346	50	48
Export-Import Bank of Washington.....	460	57	49	76	29	117	99	42
General Accounting Office.....	34	35	35	32	32	32	31	32
National Advisory Committee for Aeronautics.....	38	49	54	62	67	79	90	72
Philippine War Damage Commission.....	36	170	136	87	(5)	(5)	35	(5)
Railroad Retirement Board.....	56	43	46	39	43	33	35	(5)
Reconstruction Finance Corporation.....	155	355	557	492	4220	498	4378	214
Tennessee Valley Authority.....	34	27	19	72	185	184	238	214
United States Maritime Commission.....	292	133	(5)	(5)	(5)	(5)	(5)	(5)
Veterans Administration.....	6,474	6,557	6,626	5,389	4,923	4,334	4,249	4,408
War Assets Administration.....	287							
Other independent offices.....	78	223	87	97	230	137	164	306
Federal Works Agency.....	488							
General Services Administration.....		508	574	840	1,070	1,107	806	1,169
Housing and Home Finance Agency.....	474	477	4313	461	585	384	4615	185
Department of Agriculture.....	1,225	2,750	2,956	834	1,242	3,217	2,915	3,424
Department of Commerce.....	173	662	863	803	979	1,063	1,000	1,161
Department of Defense—Military functions:								
Office of the Secretary of Defense.....	(5)	7	199	362	392	15	12	12
Interservice activities.....						394	452	488
Department of the Army.....	5,671	5,615	3,985	7,477	15,706	16,242	12,910	8,900
Department of the Navy.....	4,297	4,442	4,102	5,583	10,161	11,875	11,293	9,775
Department of the Air Force.....	1,124	1,800	3,600	6,349	12,708	15,085	15,668	15,200
Department of Defense—Civil functions.....	1,486	2,121	1,353	7994	710	813	605	531
Department of Health, Education, and Welfare.....	1,028	1,313	1,443	1,571	1,671	1,920	1,981	2,040
Department of the Interior.....	349	485	568	587	585	587	535	563
Department of Justice.....	118	126	131	151	195	171	183	185
Department of Labor.....	86	15	257	233	253	300	355	431
Post Office Department (general fund).....	307	534	593	626	740	659	312	268
Department of State.....	676	317	361	281	258	271	156	138
Treasury Department:								
Interest on public debt.....	5,188	5,352	5,720	5,615	5,853	6,504	6,382	6,475
Other.....	2,396	734	676	748	774	821	957	649
District of Columbia (United States share).....	12	12	12	11	11	12	13	25
Reserve for contingencies.....								100
Adjustment to daily Treasury statement basis.....	-388	+272	+330	-705	-855			
<b>Total trust account expenditures</b> .....	3,750	3,899	6,948	3,654	5,317	5,288	7,204	8,404
Unemployment trust fund: Withdrawals by States and other expenditures.....	856	1,327	2,013	898	1,057	1,004	1,745	1,712
Fed. old-age and survivors insurance trust fund: Benefit payments and administrative expenses.....	559	660	783	1,568	2,067	2,748	3,405	4,459
Railroad retirement account: Benefit payments and other expenditures.....	222	278	304	321	391	465	502	581
Veterans' life insurance funds: Insurance losses and refunds.....	377	393	3,101	691	1,088	660	769	620
Federal employees' retirement funds:								
Annuities and refunds.....	244	221	268	270	300	363	411	447
Other trust accounts: Misc. trust expenditures.....	509	348	348	257	492	424	495	599
Deposit funds.....	175	433	62	4641	166	4471	4123	414
Sales and redemptions of obligations of Government corporations and credit agencies in the market (net).....	4107	74	(5)	(5)	(5)	(5)	(5)	(5)
Adjustment to daily Treasury statement basis.....	+915	+165	+68	+190	-244	+95		

<sup>1</sup> Excludes transfer of \$3 billion of 1948 surplus to foreign economic cooperation trust fund for expenditure in 1949.

<sup>2</sup> Excludes \$11,036,000 representing net purchases of United States securities which is included in Treasury totals (see table 407). <sup>3</sup> Other expenditures are shown under various agencies to which funds are allocated.

<sup>4</sup> Deduct. <sup>5</sup> Less than \$500,000. <sup>6</sup> Included with Department of Commerce.

<sup>7</sup> Represents civil functions of Dept. of the Army; not entirely comparable with later years.

<sup>8</sup> Includes transactions of mixed-ownership corporations, which are shown separately in the *Daily Treasury Statement*.

<sup>9</sup> Since 1950 sales and redemptions of obligations of wholly owned Government corporations have been excluded from this table.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*.



## No. 409.—RECEIPTS FROM AND PAYMENTS TO THE PUBLIC BY THE FEDERAL GOVERNMENT: 1929 TO 1955

[In billions. For years ending June 30. Receipts from and payments to public exclude intragovernmental financial transactions but include operations of trust (including deposit) accounts and Government-sponsored enterprises as reflected on the books of the Treasurer of the United States as well as budget accounts of Federal Government. Net cash borrowing or repayment of borrowing from the public excludes borrowing by Treasury from Federal trust accounts and Government-sponsored enterprises, and also excludes certain types of public debt transactions like issuance and redemption of Armed Forces leave bonds. The public is defined to include individuals; banks (including Federal Reserve and Postal Savings System); private corporations; businesses; State, local, and foreign governments; and international organizations. For additional explanation, see 1956 Budget, pp. 1131-33 and headnote to table 408]

YEAR	Receipts from the public <sup>1</sup>	Payments to the public <sup>1</sup>	Excess of receipts from (+) or payments to (-) the public	Receipts from exercise of monetary authority <sup>2</sup>	Decrease (+) or increase (-) in Government cash balances <sup>3</sup>	Decrease (+) or increase (-) in Exchange Stabilization Fund balance	Net cash borrowing(-) or repayment of borrowing (+) from the public (7) = (3) + (4) + (5) + (6)
	(1)	(2)	(3) = (1) - (2)	(4)	(5)	(6)	
1929.....	\$3.8	\$2.9	+\$0.9	(4)	-\$0.1	-----	+\$0.8
1930.....	4.0	3.1	+ .9	(4)	(4)	-----	+ .9
1931.....	3.2	4.1	-1.0	(4)	- .2	-----	-1.1
1932.....	2.0	4.8	-2.7	(4)	+ .1	-----	-2.7
1933.....	2.1	4.7	-2.6	(4)	- .4	-----	-3.0
1934.....	3.1	6.5	-3.3	\$2.8	-1.7	-\$2.0	-4.2
1935.....	3.8	6.3	-2.4	.2	+ .7	-----	-1.5
1936.....	4.2	7.6	-3.5	.2	- .8	-----	-4.1
1937.....	5.6	8.4	-2.8	.1	+ .1	-----	-2.6
1938.....	7.0	7.2	- .1	.1	+ .3	-----	+ .3
1939.....	6.6	9.4	-2.9	.1	- .6	-----	-3.4
1940.....	6.9	9.6	-2.7	.1	+ .9	-----	-1.7
1941.....	9.2	14.0	-4.8	.1	- .7	-----	-5.4
1942.....	15.1	34.5	-19.4	.1	- .4	-----	-19.7
1943.....	25.1	78.9	-53.8	.1	-6.5	-----	-60.2
1944.....	47.8	94.0	-46.1	(4)	-10.7	-----	-56.8
1945.....	50.2	95.2	-45.0	.1	-4.5	-----	-49.5
1946.....	43.5	61.7	-18.2	.3	+10.5	-----	-7.4
1947.....	43.5	36.9	+6.6	.1	+10.9	+1.8	+19.4
1948.....	45.4	36.5	+8.9	(4)	-1.6	-----	+7.3
1949.....	41.6	40.6	+1.0	(4)	+1.5	-----	+2.5
1950.....	40.9	43.2	-2.2	(4)	-2.0	-----	-4.2
1951.....	53.4	45.8	+7.6	(4)	-1.8	-----	+5.8
1952.....	68.0	68.0	(4)	.1	+ .4	-----	+ .5
1953.....	71.5	76.8	-5.3	.1	+2.3	-----	-2.9
1954.....	71.6	71.9	- .2	.1	-2.4	-----	-2.5
1955 estimate.....	66.6	69.0	-2.4	(4)	+1.7	-----	- .6

<sup>1</sup> Receipts are net of refunds of budget receipts; payments are after deduction of deposit funds and deductions from Federal employees' salaries for retirement funds.

<sup>2</sup> Consists of the increment resulting from reduction in weight of the gold dollar and the seigniorage on silver.

<sup>3</sup> Consists of change in Treasurer's balance through 1953. For years after 1953, also includes cash held outside the Treasury. Coverage of accounts outside the Treasury is not necessarily complete in 1954 as accounting and reporting systems were in process of revision.

<sup>4</sup> Less than \$50 million.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*.

# NO. 410.—BUDGET RECEIPTS AND EXPENDITURES OF THE FEDERAL GOVERNMENT, BY FUNCTION: 1948 TO 1955

[In millions of dollars. For years ending June 30. For explanation of terms, see headnote, table 408]

SOURCE AND FUNCTION	1948	1949	1950	1951	1952	1953	1954	1955 estimate
Excess of budget expenditures-----		1,811	3,111		4,017	9,449	3,117	4,504
Excess of budget receipts-----	8,419			3,510				
<b>Total budget receipts-----</b>	<b>41,488</b>	<b>37,696</b>	<b>36,495</b>	<b>47,568</b>	<b>61,393</b>	<b>64,825</b>	<b>64,655</b>	<b>59,000</b>
<b>Total budget expenditures<sup>1</sup>-----</b>	<b>33,069</b>	<b>39,507</b>	<b>39,606</b>	<b>44,058</b>	<b>65,410</b>	<b>74,274</b>	<b>67,772</b>	<b>63,504</b>
<b>Budget receipts, total-----</b>	<b>41,488</b>	<b>37,696</b>	<b>36,495</b>	<b>47,568</b>	<b>61,393</b>	<b>64,825</b>	<b>64,655</b>	<b>59,000</b>
Individual income taxes-----	20,997	17,929	17,408	23,365	29,880	32,768	32,383	30,700
Corporation income and excess-profits taxes-----	10,174	11,554	10,854	14,388	21,467	21,595	21,523	18,466
Excise taxes-----	7,402	7,551	7,597	8,693	8,893	9,934	10,014	9,073
Employment taxes-----	2,396	2,487	2,892	3,940	4,573	4,983	5,425	6,080
Estate and gift taxes-----	899	797	706	730	833	891	945	930
Customs-----	422	384	423	624	550	613	562	570
Miscellaneous receipts-----	3,809	2,072	1,430	1,629	1,803	1,865	2,320	2,302
Deduct:								
Appropriation to Federal old-age and survivors insurance trust fund-----	1,616	1,690	2,106	3,120	3,569	4,086	4,537	5,190
Appropriation to Railroad Retirement account, excluding military service credits-----	723	550	550	575	735	620	603	600
Refunds of receipts (excluding interest)-----	2,272	2,838	2,160	2,107	2,302	3,118	3,377	3,331
<b>Budget expenditures, total<sup>1</sup>-----</b>	<b>33,069</b>	<b>39,507</b>	<b>39,606</b>	<b>44,058</b>	<b>65,410</b>	<b>74,274</b>	<b>67,772</b>	<b>63,504</b>
<b>Major national security, total-----</b>	<b>11,771</b>	<b>12,907</b>	<b>13,008</b>	<b>22,306</b>	<b>43,848</b>	<b>50,274</b>	<b>46,522</b>	<b>40,644</b>
Direction and coordination of defense-----		7	10	12	13	15	12	12
Air Force defense-----	<sup>2</sup> 1,117	<sup>2</sup> 1,754	<sup>2</sup> 3,600	<sup>2</sup> 6,349	<sup>2</sup> 12,709	<sup>2</sup> 15,085	<sup>2</sup> 15,668	<sup>2</sup> 15,200
Army defense-----	<sup>2</sup> 5,345	<sup>2</sup> 5,245	<sup>2</sup> 3,987	<sup>2</sup> 7,469	<sup>2</sup> 15,635	<sup>2</sup> 16,242	<sup>2</sup> 12,910	<sup>2</sup> 8,900
Naval defense-----	4,205	4,390	4,102	5,582	10,162	11,875	11,293	9,775
Other central defense activities-----	269	176	192	353	379	394	452	488
Development and control of atomic energy-----	475	622	550	897	1,670	1,791	1,895	2,050
Strategic and critical materials-----	99	299	438	654	837	919	651	994
Military assistance-----	262	415	130	991	2,442	3,954	3,629	2,675
Direct forces support-----							12	550
<b>International affairs and finance, total-----</b>	<b>4,566</b>	<b>6,053</b>	<b>4,674</b>	<b>3,736</b>	<b>2,826</b>	<b>2,216</b>	<b>1,720</b>	<b>1,420</b>
Conduct of foreign affairs-----	163	158	198	190	142	150	130	116
Economic and technical development-----	4,402	5,880	4,442	3,506	2,584	1,960	1,498	1,205
Information and exchange activities-----	1	15	35	40	99	106	91	99
<b>Veterans' services and benefits, total-----</b>	<b>6,654</b>	<b>6,726</b>	<b>6,647</b>	<b>5,342</b>	<b>4,863</b>	<b>4,298</b>	<b>4,256</b>	<b>4,431</b>
Education and training-----	2,506	2,703	2,596	1,943	1,326	659	546	602
Other readjustment benefits-----	807	631	278	163	122	138	158	169
Compensation and pensions-----	2,080	2,154	2,223	2,171	2,178	2,420	2,482	2,679
Insurance and servicemen's indemnities-----	151	95	480	50	216	102	100	63
Hospitals and medical care-----	592	737	764	745	784	757	782	735
Other services and administration-----	518	405	306	270	238	223	188	182
<b>Welfare, health, and education, total-----</b>	<b>1,148</b>	<b>1,367</b>	<b>1,714</b>	<b>1,836</b>	<b>1,927</b>	<b>2,186</b>	<b>2,248</b>	<b>2,316</b>
Social security, welfare, and health, total-----	1,083	1,293	1,592	1,721	1,756	1,909	1,990	1,986
Retirement and dependents' insur- ance-----	41	32	37	37	37	33	35	
Public assistance-----	737	923	1,125	1,187	1,180	1,332	1,439	1,447
Aid to special groups-----	119	118	139	137	152	156	158	173
Work relief and direct relief-----	8	9						
Accident compensation-----	15	15	24	27	36	43	44	46
Promotion of public health-----	139	171	242	304	328	316	288	292
Prisons and probation-----	23	26	24	28	23	29	26	30
Education and general research, total-----	65	74	122	115	171	277	258	330
Promotion of education-----	38	39	41	51	126	235	217	264
Educational aid to special groups-----	3	3	5	6	6	7	6	9
Library and museum services-----	8	9	10	10	11	11	11	12
General-purpose research-----	15	23	67	48	29	25	24	45
<b>Agriculture and agricultural resources, total-----</b>	<b>575</b>	<b>2,512</b>	<b>2,783</b>	<b>650</b>	<b>1,045</b>	<b>2,936</b>	<b>2,557</b>	<b>3,130</b>
Stabilization of farm prices and farm income-----	<sup>3</sup> 92	1,725	1,844	<sup>3</sup> 461	46	2,125	1,689	2,267
Financing farm ownership and opera- tion-----	<sup>3</sup> 3	65	146	339	272	109	256	215
Financing rural electrification and rural telephones-----	239	305	293	276	243	239	217	217
Conservation and development of agri- cultural land and water resources-----	285	241	337	346	341	317	244	250
Research, and other agricultural services-----	146	178	163	150	143	145	150	180
<b>Natural resources, total-----</b>	<b>631</b>	<b>902</b>	<b>1,058</b>	<b>1,140</b>	<b>1,258</b>	<b>1,358</b>	<b>1,213</b>	<b>1,133</b>
Conservation and development of—								
Land and water resources-----	505	756	884	948	1,038	1,122	960	856
Forest resources-----	61	66	78	81	95	107	117	121
Mineral resources-----	26	29	34	36	35	38	37	45
Fish and wildlife-----	12	18	23	26	30	34	38	46
Recreational use of natural resources-----	17	19	24	30	33	30	33	39
Defense production activities-----				2	5	3	1	
General resource surveys-----	10	13	16	18	21	25	27	26

See footnotes at end of table.



No. 410.—BUDGET RECEIPTS AND EXPENDITURES OF THE FEDERAL GOVERNMENT,  
BY FUNCTION: 1948 TO 1955—Continued

[In millions of dollars]

SOURCE AND FUNCTION	1948	1949.	1950	1951	1952	1953	1954	1955 estimate
<b>Commerce and manpower, total.</b>	<b>1,594</b>	<b>2,252</b>	<b>2,401</b>	<b>2,729</b>	<b>3,127</b>	<b>2,983</b>	<b>1,577</b>	<b>2,550</b>
Transportation and communication, total	1,251	1,649	1,757	1,747	1,990	2,076	1,611	1,771
Promotion of the merchant marine	183	124	100	101	230	235	153	209
Provision of navigation aids and facilities	222	289	299	301	292	332	313	325
Provision of highways	351	453	498	455	470	572	586	659
Promotion of aviation	136	191	213	222	237	239	275	274
Regulation of transportation	15	15	15	15	18	17	15	15
Other services to transportation	34	40	33	20	34	15	350	14
Postal service (from general fund)	304	530	593	626	740	659	312	268
Regulation of communication	6	7	7	7	7	7	7	7
<b>Housing and community development, total.</b>	<b>82</b>	<b>282</b>	<b>267</b>	<b>602</b>	<b>735</b>	<b>550</b>	<b>3445</b>	<b>386</b>
Public housing programs	98	42	37	124	148	29	3401	85
Aids to private housing	358	312	305	465	506	394	3180	290
Research and other general housing aids	7	1	2	4	5	19	38	44
Provision of community facilities	35	72	2	6	9	23	15	9
Urban development and redevelopment				2	6	21	22	56
Civil defense					33	51	60	62
Disaster loans and relief					28	12	1	11
<b>Finance, commerce, and industry, total.</b>	<b>71</b>	<b>110</b>	<b>106</b>	<b>126</b>	<b>127</b>	<b>76</b>	<b>134</b>	<b>60</b>
Promotion or regulation of financial institutions	316	38	36	39	324	33	310	310
Promotion or regulation of trade and industry	23	24	26	26	26	26	27	31
Business loans and guarantees	80	83	166	319	337	322	3100	338
War damage insurance	20							
Promotion of defense production and economic stabilization	37	11	81	128	162	75	216	76
<b>Labor and manpower, total.</b>	<b>190</b>	<b>211</b>	<b>271</b>	<b>254</b>	<b>275</b>	<b>281</b>	<b>277</b>	<b>332</b>
Mediation and regulation of labor relations	8	12	13	12	13	13	13	13
Unemployment compensation and placement activities	156	163	227	189	202	209	209	267
Labor standards and training	11	13	15	17	18	17	17	17
Labor information, statistics, and general administration	7	5	8	9	8	8	7	7
Defense production activities				1	2	2		
Military manpower selection	8	17	9	27	32	33	30	29
<b>General government, total.</b>	<b>1,270</b>	<b>1,070</b>	<b>1,173</b>	<b>1,309</b>	<b>1,437</b>	<b>1,439</b>	<b>1,209</b>	<b>1,222</b>
Legislative functions	32	34	39	40	42	48	45	51
Judicial functions	18	19	25	28	28	27	29	33
Executive direction and management	7	9	10	17	14	11	11	13
Federal financial management	416	378	390	413	438	442	449	437
Other central services	399	194	161	194	256	215	182	193
Retirement for Federal civilian employees	247	228	308	308	313	324	34	32
Unemployment compensation for Federal civilian employees								33
Protective services and alien control	87	93	98	115	164	133	146	147
Territories and possessions, and the District of Columbia	20	21	22	22	50	55	53	72
Other general government	43	94	121	173	131	185	260	211
<b>Interest, total.</b>	<b>5,248</b>	<b>5,445</b>	<b>5,817</b>	<b>5,714</b>	<b>5,934</b>	<b>6,583</b>	<b>6,470</b>	<b>6,558</b>
On the public debt	5,188	5,352	5,720	5,615	5,853	6,504	6,382	6,475
On refunds of receipts	57	87	93	93	76	75	83	78
On uninvested trust funds	4	6	4	6	5	5	5	5
<b>Reserve for contingencies</b>								<b>100</b>
Adjustment to daily Treasury statement basis	-388	+272	+330	-705	-855			
<b>MEMORANDUM</b>								
Capital transfers from expenditure to re- ceipt accounts	263	802	276	208	268	265	364	586
Refunds of receipts (excluding interest)	2,272	2,838	2,160	2,107	2,302	3,118	3,377	3,331
Investments of Government-owned cor- porations and enterprises in United States securities <sup>1</sup>			11	104	101	79	377	145

<sup>1</sup> Net of receipts of public enterprise funds. Excludes payments to railroad retirement trust account other than military service credits, formerly included with retirement and dependents' insurance. For 1948 and 1949, includes investments in U. S. securities.

<sup>2</sup> Expenditures for Army defense include some expenditures for support of the Air Force financed from 1949 and prior year appropriations. <sup>3</sup> Deduct, excess of repayments and collections over expenditures.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government, 1956*, Special Analysis K.

# No. 411.—BUDGET APPROPRIATIONS AND OTHER AUTHORIZATIONS FOR FEDERAL AGENCIES, BY ORGANIZATION UNIT: 1954

[In millions of dollars. For year ending June 30. The Budget total of "new obligational authority" represents total of new authorizations enacted for any fiscal year for Federal agencies to incur obligations. This total includes "net new appropriations," "reappropriations," "contract authorizations," and "authorizations to expend from debt receipts." "Net new appropriations" represent total of all appropriations less appropriations enacted to liquidate prior year contract authorizations. "Reappropriations" continue available in the succeeding fiscal year the unused balance of an appropriation which would otherwise expire for obligation purposes. "Contract authorizations" permit placement of specific obligations or contracts but require subsequent appropriations to "liquidate" them (i. e., to authorize withdrawal of funds from Treasury in payment of obligations). "Authorizations to expend from debt receipts" authorize use of proceeds of borrowing to finance certain types of Government programs. See also headnote to table 408]

ORGANIZATION UNIT	Appropriations	Deduct: Appropriations to liquidate contract authorizations	Net appropriations	New contract authorizations	Authorizations to expend from debt receipts	Re-appropriations	Total new obligational authority
<b>Total</b> .....	12 58,644	781	57, 863	880	3, 610	412	62, 765
Legislative branch.....	71	1	70			14	84
The Judiciary.....	29		29				29
Executive Office of the President.....	9		9			(3)	9
Funds appropriated to the President:							
Mutual security.....	4, 725		4, 725				4, 725
Other.....	4		4			(3)	5
Independent offices:							
Atomic Energy Commission.....	1, 042		1, 042			76	1, 118
Civil Service Commission.....	52		52				52
Federal Civil Defense Administration.....	47		47				47
National Advisory Committee for Aeronautics.....	62	4	58				58
Railroad Retirement Board.....	35		35				35
Saint Lawrence Seaway Development Corporation.....					105		105
Tennessee Valley Authority.....	189		189				189
United States Information Agency.....	79		79				79
Veterans Administration.....	4, 200	21	4, 179		97	1	4, 276
Other.....	201		201			1	201
General Services Administration.....	1 163		163				163
Housing and Home Finance Agency.....	74	20	54	100	279		433
Department of Agriculture.....	1, 081		1, 081	70	3, 129	3	4, 283
Department of Commerce.....	1, 014	631	383	612		1	996
Department of Defense:							
Military functions.....	34, 382	80	34, 302			289	34, 590
Civil functions.....	506		506			23	529
Department of Health, Education, and Welfare.....	1, 938	22	1, 916	(3)			1, 916
Department of the Interior.....	500	1	499	97			596
Department of Justice.....	180		180				180
Department of Labor.....	352		352				352
Post Office Department (general fund).....	420		420				420
Department of State.....	139		139			5	144
Treasury Department:							
Interest on the public debt.....	6, 382		6, 382				6, 382
Other.....	2 752		752				752
District of Columbia (Federal contribution).....	16		16				16

<sup>1</sup> Refunds of receipts under Renegotiation Act amounting to \$9 million are excluded.

<sup>2</sup> Refunds of receipts (excluding interest) amounting to \$3,408 million are excluded.

<sup>3</sup> Less than \$500,000.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the U. S. Government, 1956*.



# No. 412.—FEDERAL EXPENDITURES—INVESTMENT, OPERATING AND OTHER BUDGET EXPENDITURES: 1954 AND 1955

[In millions of dollars. For years ending June 30. Based on existing and proposed legislation]

DESCRIPTION AND CATEGORY	1954 actual	1955 estimate	DESCRIPTION AND CATEGORY	1954 actual	1955 estimate
<b>Total budget expenditures</b> .....	67,772	63,504	<b>Expenditures, etc.—Continued</b>		
<b>Additions to Federal assets, total</b> .....	22,753	20,085	Private physical assets—Con.		
Loans <sup>1</sup> .....	<sup>2</sup> 582	858	Grants-in-aid—other than research and development plant.....	41	40
To domestic private borrowers.....	<sup>2</sup> 321	657	Education, training, and health.....	314	341
To State and local governments.....	<sup>2</sup> 395	<sup>2</sup> 75	Direct Federal civil programs.....	108	112
For public works.....	<sup>2</sup> 402	<sup>2</sup> 83	Grants-in-aid.....	205	228
For other than public works.....	7	8	Major national security.....	1	1
To foreign borrowers.....	163	184	Research and development.....	1,845	1,829
To quasi-public institutions.....	<sup>2</sup> 29	92	Direct Federal civil programs.....	217	264
Public works—sites and direct construction.....	4,076	3,440	Grants-in-aid.....	13	20
Civil.....	1,273	1,177	Major national security.....	1,615	1,545
Research and development plant.....	54	33	Engineering and natural resource surveys.....	44	43
Other than research and development plant.....	1,219	1,143	Direct Federal programs.....	44	41
Major national security.....	2,803	2,263	Grants-in-aid.....		2
Research and development plant.....	178	189	<b>Current expenses for aids and special services, total</b> .....	12,133	12,429
Other than research and development plant.....	2,625	2,074	Agriculture.....	540	995
Major commodity inventories.....	2,665	2,245	Direct Federal programs.....	369	769
Civil.....	2,046	1,311	Grants-in-aid.....	171	226
Major national security.....	618	934	Business.....	648	750
Major equipment.....	16,082	12,722	Labor.....	216	272
Civil.....	104	73	Direct Federal programs.....	13	77
Research and development plant.....	3	4	Grants-in-aid.....	203	195
Other than research and development plant.....	101	69	Homeowners and tenants.....	<sup>2</sup> 116	<sup>2</sup> 92
Major national security.....	15,979	12,649	Direct Federal programs.....	<sup>2</sup> 172	<sup>2</sup> 207
Research and development plant.....	12	11	Grants-in-aid.....	56	115
Other than research and development plant.....	15,967	12,638	Veterans.....	4,185	4,347
Other physical assets—acquisition and improvement.....	513	820	Direct Federal programs.....	4,071	4,309
Civil—other than research and development plant.....	<sup>2</sup> 1	<sup>2</sup> 96	Payments to trust funds.....	108	32
Major national security—other than research and development plant.....	514	916	Grants-in-aid.....	6	7
<b>Expenditures for other developmental purposes, total</b> .....	3,224	3,345	International.....	5,012	4,292
State and local physical assets—grants-in-aid.....	734	838	Civil.....	1,339	1,029
For public works.....	720	822	Major national security.....	3,673	3,264
Research and development plant.....	1		Other aids and special services.....	1,647	1,865
Other than research and development plant.....	719	822	Direct Federal programs.....	123	327
For other than public works—other than research and development plant.....	14	16	Grants-in-aid.....	1,524	1,538
Private physical assets.....	288	293	<b>Other services and current operating expenses, total</b> .....	29,661	27,545
Direct Federal programs.....	247	253	Repair, maintenance, and operation of physical assets (excl. special services).....	9,598	8,151
Research and development plant.....	1	4	Civil.....	197	242
Other than research and development plant.....	246	249	Major national security.....	9,401	7,909
			Regulation and control.....	426	431
			Operation and administration of other civil activities.....	1,249	1,242
			International activities.....	206	205
			Federal financial activities.....	406	396
			Other direct Federal programs.....	484	438
			Retirement and unemployment compensation for Federal employees.....	54	86
			Shared revenues and grants-in-aid.....	99	117
			Other major national security operation and administration.....	11,920	11,163
			Interest.....	6,469	6,558
			Reserve for contingencies.....		100

<sup>1</sup> Excludes collections going directly to miscellaneous receipts.

<sup>2</sup> Deduct, excess of repayments and collections over expenditures.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the U. S. Government, 1956*, Special Analysis D.

### No. 413.—COMMITMENTS AND EXPENDITURES FOR MAJOR FEDERAL CREDIT PROGRAMS: 1954 AND 1955

[In millions of dollars. For years ending June 30. Based on existing and proposed legislation. Commitments are defined as approvals by Federal agencies of direct loans or of insurance or guarantees of private loans. They are on a gross basis without deductions for commitments not subsequently utilized. Net expenditures reflect new loans less collections on old loans]

AGENCY OR PROGRAM	NEW COMMITMENTS		NET EXPENDITURES	
	1954 actual	1955 estimate	1954 actual	1955 estimate
<b>Total, budget expenditures for loans</b> .....			-582	858
<b>Adjustments primarily for repayments going directly into miscellaneous receipts</b> .....			220	244
<b>Total (including repayments to miscellaneous receipts)</b> .....	15,942	18,850	-802	614
Expansion of defense production.....	145	129	50	66
Foreign Operations Administration.....	111	200	14	167
Farm Credit Administration: Federal Intermediate Credit Banks.....	1,790	1,864	-39	26
Small Business Administration.....	28	78	2	37
Veterans Administration.....	3,507	5,170	102	139
Export-Import Bank.....	250	460	158	17
Housing and Home Finance Agency.....	6,224	8,036	-513	185
Federal National Mortgage Association.....	710	136	-181	189
Slum clearance and urban redevelopment.....	55	138	10	9
College housing.....	41	41	35	41
Federal Housing Administration.....	4,648	6,967	33	31
Public Housing Administration.....	770	754	-410	-85
Department of Agriculture.....	3,883	2,913	-240	-19
Rural Electrification Administration.....	242	240	151	141
Farmers' Home Administration.....	192	186	71	31
Commodity Credit Corporation.....	3,356	2,400	-512	-215
Disaster loans.....	93	87	50	24
Treasury Department.....	4		-296	-139
Reconstruction Finance Corporation liquidation.....	4		-250	-92
Loan to United Kingdom.....			-46	-47
Other agencies or programs.....			-40	135

Source: Executive Office of the President, Bureau of the Budget; *Budget of the U. S. Government, 1956*, Special Analysis E.

### No. 414.—INTERNAL REVENUE COLLECTIONS, BY PRINCIPAL SOURCES: 1936 TO 1954

[In millions of dollars. For years ending June 30. Data differ from those in table 406 which represent deposits of these collections in Treasury or depositories during fiscal years concerned; see text, p. 343. See also *Historical Statistics*, series P 109-129]

TAX SOURCE	1936-40, average	1941-45, average	1946-50, average	1950	1951	1952	1953	1954
<b>Internal revenue collections, total</b> .....	4,871	25,342	40,213	38,957	50,446	65,010	69,687	69,920
Income and profits taxes:								
Individual income.....	1,013	9,721	18,850	17,153	<sup>1</sup> 22,997	<sup>1</sup> 29,274	<sup>1</sup> 32,536	<sup>1</sup> 32,495
Corporation income and profits <sup>2</sup> .....	1,098	9,452	10,962	10,854	14,388	21,467	21,595	21,546
Employment taxes.....	516	1,425	2,245	2,645	<sup>1</sup> 3,627	<sup>1</sup> 4,464	<sup>1</sup> 4,718	<sup>1</sup> 5,426
Alcohol taxes.....	576	1,444	2,337	2,219	2,547	2,549	2,781	2,783
Tobacco taxes.....	562	865	1,271	1,328	1,380	1,565	1,655	1,580
Estate and gift taxes.....	364	488	772	706	730	833	891	935
Manufacturers' excise taxes <sup>3</sup> .....	419	636	1,521	1,836	2,384	2,349	2,863	2,688
All other.....	323	1,310	2,254	2,215	2,393	2,508	2,647	2,466

<sup>1</sup> Estimated. Income tax withheld and employment tax (old-age insurance) withheld not reported separately after 1950.

<sup>2</sup> Includes excess profits on Army and Navy contracts, and unjust enrichment for 1937-1947.

<sup>3</sup> Excludes taxes on soft drinks and taxes on adulterated and process or renovated butter, mixed flour, and filled cheese.

Source: Treasury Department, Internal Revenue Service; *Annual Report of the Commissioner*.



# No. 415.—INTERNAL REVENUE COLLECTIONS, BY TAX SOURCES IN DETAIL: 1953 AND 1954

[In thousands of dollars. For years ending June 30. Data differ from those in table 406, which represent deposits of these collections in Treasury or depositories during fiscal years concerned; see text, p. 343. See also *Historical Statistics*, series P 109-129]

TYPE OF TAX	1953	1954	TYPE OF TAX	1953	1954
<b>Grand total, all collections</b>	<b>69,686,535</b>	<b>69,919,991</b>	<b>Misc. internal revenue—Con.</b>		
<b>Income and profits taxes, total</b>	<b>54,130,732</b>	<b>54,041,264</b>	Manufacturers' excise taxes—Continued.		
Individual income taxes, total	32,536,217	32,494,942	Parts and accessories for automobiles	177,924	135,248
Withheld by employers <sup>1</sup>	21,132,275	21,758,363	Electric, gas, and oil appliances	113,390	97,415
Other	11,403,942	10,736,578	Electric light bulbs and tubes	36,684	35,390
Corporation income and profits taxes	21,594,515	21,546,322	Radio and telev. sets, phonographs, components, etc.	159,383	135,535
Employment taxes <sup>1</sup>	4,718,403	5,426,373	Phonograph records	7,617	8,445
Miscellaneous internal revenue, total	10,837,401	10,452,354	Musical instruments	11,048	9,191
Estate tax	784,590	863,344	Mechanical pencils, etc.	11,938	10,885
Gift tax	106,694	71,778	Mech. refrigerators, freezers, air-conditioners, etc.	87,424	75,059
Alcohol taxes, total	2,780,925	2,783,012	Matches	8,950	9,373
Distilled spirits (imported, excise)	204,794	230,566	Business and store machines	50,259	48,992
Distilled spirits (domestic, excise)	1,641,933	1,643,064	Cameras, lenses, and films	29,401	25,196
Distilled spirits rectification tax	26,845	24,951	Sporting goods	15,845	12,766
Wines, cordials, etc. (imported, excise)	3,956	4,152	Firearms, shells, and cartridges	12,148	10,266
Wines, cordials, etc. (domestic, excise)	76,579	74,527	Pistols and revolvers	983	975
Rectifiers; liquor dealers; manufactures of stills (special taxes)	16,272	16,427	Retailers' excise taxes, total	496,009	438,332
Stamps for distilled spirits intended for export	24	31	Furs	49,923	39,036
Case stamps for distilled spirits bottled in bond	1,020	1,088	Jewelry	234,659	209,256
Container stamps	13,349	13,013	Luggage	95,750	79,891
Floor taxes	27,956	306	Toilet preparations	115,676	110,149
Fermented malt liquors	762,983	769,774	Miscellaneous taxes, total	2,061,164	1,937,399
Brewers; dealers in malt liquors (special taxes)	5,215	5,112	Wagering, excise	9,502	8,550
Tobacco taxes, total	1,654,911	1,580,229	Wagering, occupational	974	1,008
Cigars (large and small)	46,326	45,618	Sugar	78,130	73,885
Cigarettes (large and small)	1,586,782	1,513,740	Telephone, telegraph, etc.	417,940	412,508
Snuff	3,821	3,925	Local telephone service	357,933	359,473
Tobacco (chewing and smoking)	17,244	16,249	Transportation of oil by pipe line	28,378	30,106
Floor taxes and other	737	698	Transportation of persons, seats, berths	287,408	246,180
Documents, other instruments, and playing cards	90,319	90,000	Transportation of property	419,604	396,519
Manufacturers' excise taxes, total	2,862,788	2,688,262	Leases of safe deposit boxes	10,368	9,318
Lubricating oils	73,321	68,441	Admissions to theaters, concerts, etc.	312,831	271,952
Gasoline, incl. floor tax	890,679	835,610	Admissions to cabarets, roof gardens, etc.	46,691	38,312
Tires and tubes	180,047	152,079	Club dues and initiation fees	36,829	31,978
Automobile trucks and busses	210,032	149,914	Bowling alleys, pool tables, etc.	3,411	3,227
Other automobiles and motorcycles	785,716	867,482	Coin-operated devices	16,505	14,616
			Adulterated and process or renovated butter, and filled cheese	6	12
			Narcotics, including marihuana and special taxes	929	918
			Coconut and other vegetable oils processed	17,983	16,266
			Firearms transfer and occupational taxes	7	8
			Diesel oil	15,091	19,056
			All other, including repealed taxes not listed above	647	3,505

<sup>1</sup> Estimated. Income tax withheld and employment tax (old-age insurance) withheld not reported separately.

Source: Treasury Department, Internal Revenue Service; *Annual Report of the Commissioner*.

# No. 416.—INTERNAL REVENUE COLLECTIONS, BY STATES AND OTHER AREAS: 1952 TO 1954

[In millions of dollars. For years ending June 30. See headnote, table 415. Tax receipts are credited to States in which collections made. Receipts in the various States do not indicate the tax burden of the respective States, since burden may eventually be borne by persons in other States]

DIVISION, STATE, OR OTHER AREA	TOTAL <sup>1</sup>			INDIVIDUAL INCOME AND EMPLOYMENT TAXES <sup>2</sup>			CORPORATION INCOME TAXES <sup>3</sup>		
	1952	1953	1954	1952	1953	1954	1952	1953	1954
<b>Total</b> .....	65,010	69,687	69,920	33,738	37,255	37,921	21,467	21,595	21,546
<b>New England</b> .....	3,574	3,816	3,878	2,126	2,333	2,403	1,119	1,140	1,132
Maine.....	163	178	171	101	113	113	53	54	49
New Hampshire.....	112	123	125	79	87	91	27	29	28
Vermont.....	67	75	76	42	50	49	20	21	24
Massachusetts.....	1,838	1,914	1,912	1,083	1,171	1,202	575	555	522
Rhode Island.....	293	299	298	175	189	193	93	89	80
Connecticut.....	1,100	1,228	1,295	647	724	754	350	391	428
<b>Middle Atlantic</b> .....	19,360	20,180	20,591	9,535	10,327	10,746	7,464	7,308	7,404
New York.....	12,327	12,996	13,169	5,834	6,264	6,476	5,114	5,255	5,278
New Jersey.....	1,900	2,024	2,070	1,078	1,186	1,245	529	519	515
Pennsylvania.....	5,133	5,161	5,352	2,623	2,877	3,025	1,821	1,535	1,611
<b>East North Central</b> .....	17,654	19,436	19,557	8,092	9,426	9,670	6,797	6,792	6,796
Ohio.....	4,538	4,849	4,734	2,253	2,462	2,492	1,765	1,800	1,711
Indiana.....	1,359	1,631	1,608	629	832	870	340	360	341
Illinois.....	5,381	5,878	5,785	2,734	3,121	3,187	1,917	1,961	1,854
Michigan.....	5,090	5,670	6,124	1,846	2,318	2,407	2,326	2,172	2,476
Wisconsin.....	1,286	1,407	1,306	631	694	714	449	500	414
<b>West North Central</b> .....	4,503	4,525	4,430	2,799	2,726	2,697	1,210	1,266	1,210
Minnesota.....	973	1,040	1,066	557	617	642	306	308	315
Iowa.....	523	536	531	350	357	375	135	144	122
Missouri.....	2,005	1,856	1,780	1,208	1,019	961	557	571	556
North Dakota.....	69	71	64	57	59	53	9	8	8
South Dakota.....	76	77	72	60	60	57	11	12	10
Nebraska.....	393	409	412	269	278	283	63	65	63
Kansas.....	465	535	506	298	335	326	129	157	136
<b>South Atlantic</b> .....	6,901	7,466	7,382	3,297	3,684	3,693	1,806	1,875	1,848
Delaware.....	769	845	905	210	256	258	546	577	614
Maryland.....	1,745	1,950	1,917	1,173	1,331	1,293	284	302	316
District of Columbia.....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Virginia.....	1,051	1,124	1,075	423	462	470	222	227	195
West Virginia.....	317	302	295	190	197	199	103	82	73
North Carolina.....	1,522	1,612	1,551	383	420	426	271	273	261
South Carolina.....	264	267	254	154	171	166	94	81	75
Georgia.....	637	708	705	367	404	404	169	194	186
Florida.....	595	658	680	397	444	477	117	138	128
<b>East South Central</b> .....	2,212	2,376	2,371	943	1,005	1,017	435	433	403
Kentucky.....	1,192	1,314	1,336	280	301	300	158	158	156
Tennessee.....	494	521	513	316	341	348	135	134	122
Alabama.....	386	399	382	247	259	263	114	115	100
Mississippi.....	140	142	141	100	104	106	28	27	25
<b>West South Central</b> .....	3,425	3,632	3,526	2,021	2,204	2,166	999	1,002	961
Arkansas.....	157	162	159	106	113	114	40	38	35
Louisiana.....	494	541	545	286	322	329	133	137	135
Oklahoma.....	640	656	629	310	341	337	220	188	170
Texas.....	2,135	2,273	2,194	1,319	1,429	1,386	606	639	620
<b>Mountain</b> .....	1,327	1,496	1,419	928	1,069	1,011	274	287	274
Montana.....	116	123	117	86	91	88	22	24	21
Idaho.....	118	118	107	80	85	81	29	26	21
Wyoming.....	64	64	57	49	48	44	10	9	8
Colorado.....	575	681	631	384	476	426	126	135	133
New Mexico.....	102	113	107	81	90	87	13	14	12
Arizona.....	143	166	163	107	124	124	25	32	30
Utah.....	147	152	151	95	102	102	39	37	36
Nevada.....	63	79	85	45	53	58	10	11	12
<b>Pacific</b> .....	5,865	6,566	6,571	3,862	4,335	4,370	1,324	1,460	1,484
Washington.....	755	805	784	517	556	541	177	181	175
Oregon.....	464	473	430	324	345	329	114	101	79
California.....	4,645	5,288	5,357	3,021	3,434	3,501	1,033	1,177	1,230
Alaska.....	44	47	49	38	40	43	3	3	3
Hawaii.....	135	136	136	89	96	96	36	30	31
Puerto Rico.....	10	11	12	7	9	10			

<sup>1</sup> Includes miscellaneous taxes in the following amounts: 1952, \$9,804,305,000; 1953, \$10,837,401,000; 1954, \$10,452,354,000.

<sup>2</sup> Includes taxes withheld on salaries and wages.

<sup>3</sup> Includes excess profits taxes.

<sup>4</sup> Collections for the District of Columbia included with Maryland; separate data not available.

Source: Treasury Department, Internal Revenue Service; *Annual Report of the Commissioner*.



## No. 417.—INDIVIDUAL INCOME TAX LIABILITY AND EFFECTIVE RATES, FOR SELECTED INCOME GROUPS: 1913 TO 1954

[Maximum earned net income assumed]

REVENUE ACT	INCOME YEAR	SINGLE PERSON, NO DEPENDENT, WITH NET INCOME—									
		\$600	\$1,000	\$2,000	\$3,000	\$5,000	\$8,000	\$10,000	\$25,000	\$100,000	\$500,000
LIABILITY <sup>1</sup> (dollars)											
1913.....	3/1/13-12/31/15.....					20	50	70	270	2,520	25,020
1916.....	1916.....					40	100	140	450	3,940	42,940
1917.....	1917.....			20	40	120	275	395	1,820	16,220	192,720
1918.....	1918.....			60	120	240	650	950	3,840	35,150	323,150
	1919-1920.....			40	80	160	450	670	2,960	31,270	303,270
1921.....	1921.....			40	80	160	450	670	2,960	31,270	303,270
	1922.....			40	80	160	420	600	2,640	30,220	260,720
	1923.....			30	60	120	315	450	1,980	22,665	195,540
1924.....	1924.....			15	30	60	150	225	1,635	22,645	199,645
1926.....	1925 <sup>2</sup> -1927.....			6	17	40	101	154	1,234	16,134	116,134
1928.....	1928, 1930-1931.....			6	17	40	101	154	1,099	15,844	115,844
	1929 <sup>3</sup> .....			2	6	13	52	90	922	14,930	110,930
1932.....	1932-1933.....			40	80	160	420	600	2,640	30,220	263,720
1934.....	1934-1935.....			32	68	140	378	560	2,804	31,404	264,844
1936, 1938 <sup>4</sup> .....	1936-1939.....			32	68	140	378	560	2,804	33,354	305,224
1940.....	1940 <sup>5</sup> .....		4	44	84	172	449	686	4,233	44,268	330,933
1941.....	1941.....		21	117	221	483	1,031	1,493	7,224	53,214	345,654
1942.....	1942 <sup>6</sup> .....	15	89	273	472	920	1,742	2,390	9,626	64,641	414,616
	1943 <sup>6,7</sup> .....	17	107	333	574	1,105	2,052	2,783	10,644	69,665	441,863
1944 <sup>8</sup> .....	1944-1945.....	23	115	345	585	1,105	2,035	2,755	10,590	69,870	444,350
1945.....	1946-1947.....	19	95	285	485	922	1,720	2,347	9,362	63,541	407,897
1948.....	1948-1949.....		66	232	409	811	1,546	2,124	8,600	58,762	385,060
1950.....	1950.....		70	244	428	843	1,604	2,201	8,898	60,770	396,221
1951.....	1951 <sup>10</sup> .....		82	286	498	964	1,816	2,486	9,976	67,274	429,750
	1952-1953 <sup>10</sup> .....		89	311	542	1,052	1,992	2,728	10,940	69,688	436,164
1954.....	1954 <sup>10</sup> .....		80	280	488	944	1,780	2,436	9,796	69,798	429,274
EFFECTIVE RATE <sup>11</sup> (percent)											
1913.....	3/1/13-12/31/15.....					0.4	0.6	0.7	1.1	2.5	5.0
1916.....	1916.....					.8	1.3	1.4	2.0	3.9	8.6
1917.....	1917.....			1.0	1.3	2.4	3.4	4.0	7.3	16.2	33.5
1918.....	1918.....			3.0	4.0	4.8	8.1	9.5	15.4	35.2	64.6
	1919-1920.....			2.0	2.7	3.2	5.6	6.7	11.8	31.3	60.7
1921.....	1921.....			2.0	2.7	3.2	5.6	6.7	11.8	31.3	60.7
	1922.....			2.0	2.7	3.2	5.3	6.0	10.6	20.2	52.1
	1923.....			1.5	2.0	2.4	3.9	4.5	7.9	22.7	39.1
1924.....	1924.....			.8	1.0	1.2	1.9	2.3	6.5	22.7	39.9
1926.....	1925 <sup>2</sup> -1927.....			.3	.6	.8	1.3	1.5	4.9	16.1	23.2
1928.....	1928, 1930-1931.....			.3	.6	.8	1.3	1.5	4.4	15.8	23.2
	1929 <sup>3</sup> .....			.1	.2	.3	.7	.9	3.7	14.9	22.2
1932.....	1932-1933.....			2.0	2.7	3.2	5.3	6.0	10.6	30.2	52.7
1934.....	1934-1935.....			1.6	2.3	2.8	4.7	5.6	11.2	31.4	63.0
1936, 1938 <sup>4</sup> .....	1936-1939.....			1.6	2.3	2.8	4.7	5.6	11.2	33.4	61.0
1940.....	1940 <sup>5</sup> .....		0.4	2.2	2.8	3.4	5.6	6.9	17.0	44.3	66.2
1941.....	1941.....		2.1	5.9	7.4	9.7	12.9	14.9	28.9	53.2	69.1
1942.....	1942 <sup>6</sup> .....	2.5	8.9	13.7	15.7	18.4	21.8	23.9	38.5	64.6	82.9
	1943 <sup>6,7</sup> .....	2.8	10.7	16.7	19.1	22.1	25.7	27.8	42.6	69.7	88.4
1944 <sup>8</sup> .....	1944-1945.....	3.8	11.5	17.3	19.5	22.1	25.4	27.6	42.4	69.9	88.9
1945.....	1946-1947.....	3.2	9.5	14.3	16.2	18.4	21.5	23.5	37.5	63.5	81.6
1948.....	1948-1949.....		6.6	11.6	13.6	16.2	19.3	21.2	34.4	58.8	77.0
1950.....	1950.....		7.0	12.2	14.3	16.9	20.0	22.0	35.6	60.8	79.2
1951.....	1951 <sup>10</sup> .....		8.2	14.3	16.6	19.3	22.7	24.9	39.9	67.3	86.0
	1952-1953 <sup>10</sup> .....		8.9	15.5	18.1	21.0	24.9	27.2	43.8	69.7	87.2
1954.....	1954 <sup>10</sup> .....		8.0	14.0	16.3	18.9	22.3	24.4	39.2	66.8	85.9

<sup>1</sup> Actual tax liability on selected net incomes and necessary assumptions.<sup>2</sup> Provisions of 1926 Act were retroactive to 1925.<sup>3</sup> Normal tax rates of 1928 Act were reduced for 1929 only by Joint Resolution of Congress, No. 133, approved in Dec. 1929.<sup>4</sup> Rates and exemptions for 1936 and 1938 Acts were identical and resulted in the same tax liabilities.<sup>5</sup> Includes defense tax. <sup>6</sup> Tax liabilities for 1942 and 1943 unadjusted for transition to current payment basis.<sup>7</sup> Includes net Victory tax. Computed by assuming that deductions are 10 percent of Victory tax net income;

i. e., that Victory tax net income is ten-ninths of selected net income.

<sup>8</sup> Individual Income Tax Act of 1944.<sup>9</sup> Taking into account maximum effective rate limitation of 77 percent.<sup>10</sup> Excludes self-employment tax.<sup>11</sup> Tax liability divided by stated net income.

## No. 417.—INDIVIDUAL INCOME TAX LIABILITY AND EFFECTIVE RATES, FOR SELECTED INCOME GROUPS: 1913 TO 1954—Continued

[Maximum earned net income assumed]

REVENUE ACT	INCOME YEAR	MARRIED PERSON, NO DEPENDENT, WITH NET INCOME—									
		\$600	\$1,000	\$2,000	\$3,000	\$5,000	\$8,000	\$10,000	\$25,000	\$100,000	\$500,000
LIABILITY <sup>1</sup> (dollars)											
1913	3/1/13-12/31/15					10	40	60	260	2,510	25,010
1916	1916					20	80	120	470	3,920	42,920
1917	1917				20	80	235	355	1,780	16,180	192,680
1918	1918				60	180	530	830	3,720	35,030	323,030
	1919-1920				40	120	370	590	2,880	31,190	303,190
1921	1921				20	100	370	590	2,880	31,190	303,190
	1922				20	100	340	520	2,560	30,140	260,640
	1923				15	75	255	390	1,920	22,605	195,480
1924	1924				8	38	105	165	1,565	22,575	199,575
1926	1925 <sup>2</sup> -1927					17	56	101	1,159	16,059	116,059
1928	1928, 1930-1931					17	56	101	1,024	15,769	115,769
	1929 <sup>3</sup>					6	22	52	862	14,870	110,870
1932	1932-1933				20	100	300	480	2,520	30,100	263,600
1934	1934-1935				8	80	248	415	2,489	30,594	263,944
1936, 1938 <sup>4</sup>	1936-1939				8	80	248	415	2,489	32,469	304,144
1940	1940 <sup>5</sup>				31	110	317	528	3,843	43,476	330,156
1941	1941			42	138	375	873	1,305	6,864	52,704	345,084
1942	1942 <sup>6</sup>			140	324	746	1,532	2,152	9,220	64,060	414,000
	1943 <sup>6 7</sup>	1	15	188	405	894	1,780	2,467	10,935	68,584	440,747
1944 <sup>8</sup>	1944-1945	3	15	245	475	975	1,885	2,585	10,295	69,435	443,895
1945	1946-1947			190	380	798	1,577	2,185	9,082	63,128	407,465
1948	1948-1949 <sup>12</sup>			133	299	631	1,206	1,621	5,877	46,403	359,662
1950	1950 <sup>12</sup>			139	313	661	1,257	1,686	6,087	47,994	370,657
1951	1951 <sup>10 12</sup>			163	367	775	1,443	1,928	6,874	53,516	404,500
	1952-1953 <sup>10 12</sup>			178	400	844	1,577	2,104	7,508	56,932	412,328
1954	1954 <sup>10 12</sup>			160	360	760	1,416	1,888	6,724	52,776	403,548
EFFECTIVE RATE <sup>11</sup> (percent)											
1913	3/1/13-12/31/15					0.2	0.5	0.6	1.0	2.5	5.0
1916	1916					.4	1.0	1.2	1.9	3.9	8.6
1917	1917				0.7	1.6	2.9	3.6	7.1	16.2	38.5
1918	1918				2.0	3.6	6.6	8.3	14.9	35.0	64.6
	1919-1920				1.3	2.4	4.6	5.9	11.5	31.2	60.6
1921	1921				.7	2.0	4.6	5.9	11.5	31.2	60.6
	1922				.7	2.0	4.3	5.2	10.2	30.1	52.1
	1923				.5	1.5	3.2	3.9	7.7	22.6	39.1
1924	1924				.3	.8	1.3	1.7	6.3	22.6	39.9
1926	1925 <sup>2</sup> -1927				.3	.7	.7	1.0	4.6	16.1	23.2
1928	1928, 1930-1931				.3	.7	.7	1.0	4.1	15.8	23.2
	1929 <sup>3</sup>				.7	1.3	.3	.5	3.5	14.9	22.2
1932	1932-1933				.7	2.0	3.8	4.8	10.1	30.1	52.7
1934	1934-1935				.3	1.6	3.1	4.2	10.0	30.6	52.8
1936, 1938 <sup>4</sup>	1936-1939				.3	1.6	3.1	4.2	10.0	32.5	60.8
1940	1940 <sup>5</sup>				1.0	2.2	4.0	5.3	15.4	43.5	66.0
1941	1941			2.1	4.6	7.5	10.9	13.1	27.5	52.7	69.0
1942	1942 <sup>6</sup>			7.0	10.8	14.9	19.2	21.5	36.9	64.1	82.8
	1943 <sup>6 7</sup>	0.2	1.5	9.4	13.5	17.9	22.3	24.7	40.1	68.6	88.1
1944 <sup>8</sup>	1944-1945	.5	1.5	12.3	15.8	19.5	23.6	25.9	41.2	69.4	88.8
1945	1946-1947			9.5	12.7	16.0	19.7	21.9	36.3	63.1	81.5
1948	1948-1949 <sup>12</sup>			6.6	10.0	12.6	15.1	16.2	23.5	46.4	71.9
1950	1950 <sup>12</sup>			7.0	10.4	13.2	15.7	16.9	24.3	48.0	74.1
1951	1951 <sup>10 12</sup>			8.2	12.2	15.5	18.0	19.3	27.5	53.5	80.9
	1952-1953 <sup>10 12</sup>			8.9	13.3	16.9	19.7	21.0	30.0	56.9	82.5
1954	1954 <sup>10 12</sup>			8.0	12.0	15.2	17.7	18.9	26.9	52.8	80.7

<sup>1</sup> Actual tax liability on selected net incomes and necessary assumptions.<sup>2</sup> Provisions of 1926 Act were retroactive to 1925.<sup>3</sup> Normal tax rates of 1928 Act were reduced for 1929 only by Joint Resolution of Congress, No. 133, approved in Dec. 1929.<sup>4</sup> Rates and exemptions for 1936 and 1938 Acts were identical and resulted in the same tax liabilities.<sup>5</sup> Includes defense tax.<sup>6</sup> Tax liabilities for 1942 and 1943 unadjusted for transition to current payment basis.<sup>7</sup> Includes net Victory tax. Computed by assuming that deductions are 10 percent of Victory tax net income; i. e., that Victory tax net income is ten-ninths of selected net income.<sup>8</sup> Individual Income Tax Act of 1944.<sup>10</sup> Excludes self-employment tax.<sup>11</sup> Tax liability divided by stated net income.<sup>12</sup> Split income basis.



## No. 417.—INDIVIDUAL INCOME TAX LIABILITY AND EFFECTIVE RATES, FOR SELECTED INCOME GROUPS: 1913 TO 1954—Continued

[Maximum earned net income assumed]

REVENUE ACT	INCOME YEAR	MARRIED PERSON, 2 DEPENDENTS, WITH NET INCOME—									
		\$600	\$1,000	\$2,000	\$3,000	\$5,000	\$8,000	\$10,000	\$25,000	\$100,000	\$500,000
LIABILITY <sup>1</sup> (dollars)											
1913	3/1/13-12/31/15					10	40	60	260	2,510	25,010
1916	1916					20	80	120	470	3,920	42,920
1917	1917				12	64	219	339	1,764	16,164	192,664
1918	1918				36	156	482	782	3,672	34,982	322,982
	1919-1920				24	104	338	558	2,848	31,158	303,158
1921	1921					68	266	526	2,816	31,126	303,126
	1922					68	276	456	2,496	30,076	290,576
	1923					51	207	342	1,872	22,557	195,432
1924	1924					26	81	141	1,525	22,535	199,535
1926	1925 <sup>2</sup> -1927					8	42	83	1,129	16,029	116,029
1928	1928, 1930-1931					8	42	83	994	15,739	115,739
	1929 <sup>3</sup>					3	14	40	838	14,846	110,846
1932	1932-1933					68	236	416	2,456	30,036	293,536
1934	1934-1935					48	184	343	2,327	30,162	263,464
1936, 1938 <sup>4</sup>	1936-1939					48	184	343	2,327	31,997	203,568
1940	1940 <sup>5</sup>					75	246	440	3,571	42,948	329,637
1941	1941				58	271	717	1,117	6,450	52,160	344,476
1942	1942 <sup>6</sup>			13	191	592	1,322	1,914	8,814	63,479	413,384
	1943 <sup>6 7</sup>	1	14	58	267	730	1,553	2,208	9,574	67,803	439,931
1944 <sup>8</sup>	1944-1945	3	15	45	275	755	1,585	2,245	9,705	68,565	442,985
1945	1946-1947				190	589	1,242	1,862	8,522	62,301	406,600
1948	1948-1949 <sup>12</sup>				100	432	974	1,361	5,476	45,643	358,677
1950	1950 <sup>12</sup>				104	452	1,016	1,417	5,672	47,208	369,645
1951	1951 <sup>10 12</sup>				122	530	1,174	1,622	6,406	52,640	403,408
	1952-1953 <sup>10 12</sup>				133	577	1,282	1,774	7,004	56,032	411,224
1954	1954 <sup>10</sup>				120	520	1,152	1,582	6,268	51,912	402,456
EFFECTIVE RATE <sup>11</sup> (percent)											
1913	3/1/13-12/31/15					0.2	0.5	0.6	1.0	2.5	5.0
1916	1916					.4	1.0	1.2	1.9	3.9	8.6
1917	1917				0.4	1.3	2.7	3.4	7.1	16.2	38.5
1918	1918				1.2	3.1	6.0	7.8	14.7	35.0	64.6
	1919-1920				.8	2.1	4.2	5.6	11.4	31.2	60.6
1921	1921					1.4	3.8	5.3	11.3	31.1	60.6
	1922					1.4	3.5	4.6	10.0	30.1	52.1
	1923					1.0	2.6	3.4	7.5	22.6	39.1
1924	1924					.5	1.0	1.4	6.1	22.5	39.9
1926	1925 <sup>2</sup> -1927					.2	.5	.8	4.5	16.0	23.1
1928	1928, 1930-1931					.2	.5	.8	4.0	15.7	23.1
	1929 <sup>3</sup>					.1	.2	.4	3.4	14.8	22.2
1932	1932-1933					1.4	3.0	4.2	9.8	30.0	52.7
1934	1934-1935					1.0	2.3	3.4	9.3	30.2	52.7
1936, 1938 <sup>4</sup>	1936-1939					1.0	2.3	3.4	9.3	32.0	60.7
1940	1940 <sup>5</sup>					1.5	3.1	4.4	14.3	42.9	65.9
1941	1941				1.9	5.4	9.0	11.2	25.9	52.2	68.9
1942	1942 <sup>6</sup>			0.7	6.4	11.8	16.5	19.1	35.3	63.5	82.7
	1943 <sup>6 7</sup>	0.2	1.4	2.9	8.9	14.6	19.4	22.1	35.3	67.8	88.0
1944 <sup>8</sup>	1944-1945	.5	1.5	2.3	9.2	15.1	19.8	22.5	38.8	68.6	88.6
1945	1946-1947				6.3	11.8	16.2	18.6	34.1	62.3	81.3
1948	1948-1949 <sup>12</sup>				3.3	8.6	12.2	13.6	21.9	45.6	71.7
1950	1950 <sup>12</sup>				3.5	9.0	12.7	14.2	22.7	47.2	73.9
1951	1951 <sup>10 12</sup>				4.1	10.6	14.7	16.2	25.6	52.6	80.7
	1952-1953 <sup>10 12</sup>				4.4	11.5	16.0	17.7	28.0	56.0	82.2
1954	1954 <sup>10 12</sup>				4.0	10.4	14.4	15.9	25.1	51.9	80.5

<sup>1</sup> Actual tax liability on selected net incomes and necessary assumptions.<sup>2</sup> Provisions of 1926 Act were retroactive to 1925.<sup>3</sup> Normal tax rates of 1928 Act were reduced for 1929 only by Joint Resolution of Congress, No. 123, approved in Dec. 1929.<sup>4</sup> Rates and exemptions for 1936 and 1938 Acts were identical and resulted in the same tax liabilities.<sup>5</sup> Includes defense tax.<sup>6</sup> Tax liabilities for 1942 and 1943 unadjusted for transition to current payment basis.<sup>7</sup> Includes net Victory tax. Computed by assuming that deductions are 10 percent of Victory tax net income; i. e., that Victory tax net income is ten-ninths of selected net income.<sup>8</sup> Individual Income Tax Act of 1944.<sup>9</sup> Tax liability divided by stated net income.<sup>10</sup> Excludes self-employment tax.<sup>12</sup> Split income basis.

Source: Treasury Department.

# No. 418.—INDIVIDUAL AND TAXABLE FIDUCIARY INCOME TAX RETURNS—SUMMARY: 1925 to 1951

[Includes data for Alaska, District of Columbia, and Hawaii; based on returns as filed, unaudited except to insure proper execution. The filing provisions applicable to individuals (citizens or residents of the U. S.) under the revenue laws have varied, depending upon marital status and net or gross income. *Data for nontaxable returns showing no net income or no adjusted gross income are not included in statistics given here; 1951 data for taxable returns showing no adjusted gross income and adjusted gross income of less than \$600, which are returns with only self-employment tax, are also excluded from these statistics but are shown under a separate classification.* 1951 data for taxable returns with adjusted gross income of \$600 or more and with only self-employment tax would have appeared among nontaxable returns if there had been no self-employment tax as in prior years so that, for close comparability with prior years, data from table 419 may be subtracted from taxable data in tables 418 and 425 and added to nontaxable data in those tables; in the remaining tables, taxable and nontaxable returns are combined. Fiduciaries are required to file returns on same basis as single individuals except that a return is required for every estate or trust of which any beneficiary is a nonresident alien and, beginning 1938, for every trust having net income of \$100 or more. Partnership net profit or net loss is reported on individual returns of copartners according to their shares. See also *Historical Statistics*, series P 144-147]

ITEM	1925	1930	1935	1940	1945	1949	1950	1951
Number of individual returns, total <sup>1</sup>								
thousands.....	4,171	3,708	4,575	14,665	49,751	51,302	52,656	54,970
Taxable.....do.....	2,501	2,038	2,111	7,505	42,651	35,628	38,187	42,565
Nontaxable.....do.....	1,670	1,670	2,464	7,161	7,100	15,674	14,469	12,406
Net income or adjusted gross income <sup>2</sup>								
millions of dollars.....	21,895	18,119	14,910	36,589	120,301	161,373	179,874	203,063
Income tax <sup>3</sup> .....do.....	735	477	657	<sup>4</sup> 1,496	17,050	14,538	18,375	24,228
Self-employment tax <sup>5</sup> .....do.....								210
Average per return: <sup>6</sup>								
Income.....	\$5,249	\$4,887	\$3,259	\$2,495	\$2,418	\$3,146	\$3,416	\$3,694
Income tax.....	\$176	\$129	\$144	\$102	\$343	\$283	\$349	\$441
Income tax per capita of total population <sup>6</sup>	\$6.35	\$3.87	\$5.14	\$11.32	\$128	\$98	\$121	\$157
Percent of population filing returns <sup>6</sup>	3.60	3.01	3.58	11.10	37.43	34.37	34.67	35.68
Taxable returns with no adjusted gross income or with adjusted gross income of less than \$600:								
Number.....thousands.....								84
Adjusted gross income less adjusted gross deficit.....millions of dollars.....								11
Self-employment tax <sup>5</sup> .....do.....								1
Taxable fiduciary returns: <sup>1</sup>								
Number.....thousands.....					114	100	115	116
Total income.....millions of dollars.....	(1)	(1)	(1)	(1)	857	927	1,234	1,202
Total tax.....do.....					176	144	209	211

<sup>1</sup> Taxable fiduciary returns included with individual returns through 1940, shown separately thereafter.

<sup>2</sup> *Net income (shown for 1940 and prior years)* is total income less statutory deductions, but before deduction of exemption or credits allowable in computing amount subject to tax. *Adjusted gross income (shown for 1945-51)* is defined as gross income minus allowable trade and business deductions, expenses of travel and lodging in connection with employment, reimbursed expenses in connection with employment, deductions attributable to rents and royalties, certain deductions of life tenants and income beneficiaries of property held in trust, and allowable losses from sales of property.

<sup>3</sup> Tax tabulated for 1940 and prior years is before deduction of credits for tax paid at source and tax paid to a foreign country or possession of United States, while tax for 1945-51 is after deduction of such credits. Income tax liability is the combination of normal tax and surtax, including optional tax (after 1940), and 12½ percent tax on capital net gain for 1925 and 1930 or alternative tax for 1940 and thereafter.

<sup>4</sup> Includes defense tax. <sup>5</sup> For taxable years beginning 1951, self-employment tax is levied on net earnings from self-employment and is in addition to income tax.

<sup>6</sup> For individual returns only, 1945 and later years.

## No. 419.—INDIVIDUAL INCOME TAX RETURNS—RETURNS WITH ONLY SELF-EMPLOYMENT TAX, BY ADJUSTED GROSS INCOME CLASSES: 1951

[Number of returns in thousands; money figures in millions of dollars. See headnote, table 418]

ADJUSTED GROSS INCOME CLASS (\$1,000)	Number of returns	Adjusted gross income <sup>1</sup>	Amount of exemption <sup>2</sup>	Self-employment tax <sup>3</sup>	ADJUSTED GROSS INCOME CLASS (\$1,000)	Number of returns	Adjusted gross income <sup>1</sup>	Amount of exemption <sup>2</sup>	Self-employment tax <sup>3</sup>
<b>Total.....</b>	<b>1,054</b>	<b><sup>4</sup> 1,904</b>	<b>2,265</b>	<b>36</b>	1.5 under 2.....	199	351	414	7
No adjusted gross income.....	12	<sup>5</sup> 24	15	( <sup>6</sup> )	2 under 2.5.....	158	357	397	7
Under 0.6.....	72	34	87	1	2.5 under 3.....	114	307	306	5
0.6 under 1.....	142	113	206	2	3 under 4.....	105	356	342	6
1 under 1.5.....	224	276	383	6	4 under 5.....	23	102	94	1
					5 under 10.....	5	29	22	( <sup>6</sup> )
					10 or more.....	(7)	3	( <sup>6</sup> )	( <sup>6</sup> )

<sup>1</sup> See footnote 2, table 418. <sup>2</sup> See footnote 2, table 425. <sup>3</sup> See footnote 5, table 418.

<sup>4</sup> Adjusted gross income less adjusted gross deficit. <sup>5</sup> Adjusted gross deficit. <sup>6</sup> Less than \$500,000.

<sup>7</sup> Less than 500.

Source of tables 418 and 419: Treasury Department, Internal Revenue Service; *Statistics of Income*, Part 1.



# No. 420.—INDIVIDUAL INCOME TAX RETURNS, BY ADJUSTED GROSS INCOME CLASSES: 1950 AND 1951

[Number of returns in thousands; money figures in millions of dollars. See headnote, table 418]

ADJUSTED GROSS INCOME CLASS (\$1,000)	NUMBER OF RETURNS		ADJUSTED GROSS INCOME <sup>1</sup>		INCOME TAX <sup>2</sup>		EFFECTIVE IN- COME TAX RATE ON ADJUSTED GROSS INCOME (percent)		SELF- EM- PLOY- MENT TAX, <sup>3</sup>
	1950	1951	1950	1951	1950	1951	1950	1951	
<b>Total</b> .....	52,656	54,970	179,874	203,063	18,375	24,228	10.22	11.93	210
Under 0.6.....	3,780	3,760	1,265	1,267					
0.6 under 1.....	3,582	3,409	2,880	2,753	40	51	1.40	1.84	3
1 under 1.5.....	5,077	4,867	6,351	6,047	197	241	3.10	3.99	9
1.5 under 2.....	5,473	4,960	9,579	8,693	413	462	4.31	5.31	13
2 under 2.5.....	5,643	5,145	12,704	11,577	648	722	5.10	6.24	17
2.5 under 3.....	5,786	5,243	15,902	14,414	891	998	5.60	6.93	20
3 under 4.....	9,837	9,998	34,107	34,830	2,177	2,728	6.38	7.83	40
4 under 5 <sup>4</sup> .....	5,985	7,270	26,708	32,530	2,044	2,920	7.65	8.98	27
5 under 10.....	6,115	8,704	39,046	55,867	3,984	6,608	10.20	11.83	50
10 under 15.....	679	832	8,149	9,925	1,157	1,594	14.20	16.06	14
15 under 20.....	256	296	4,397	5,079	758	979	17.24	19.28	6
20 under 25.....	140	155	3,110	3,448	615	760	19.78	22.04	3
25 under 50.....	220	244	7,425	8,208	1,888	2,305	25.43	28.09	5
50 under 100.....	63	67	4,193	4,501	1,517	1,778	36.18	39.51	1
100 under 150.....	12	12	1,387	1,441	613	688	44.23	47.72	( <sup>5</sup> )
150 under 300.....	7	7	1,336	1,334	668	709	50.02	53.14	( <sup>5</sup> )
300 under 500.....	1	1	482	454	263	260	54.60	57.29	( <sup>5</sup> )
500 under 1,000.....	1	1	419	350	240	211	57.19	60.47	( <sup>5</sup> )
1,000 or more.....	( <sup>6</sup> )	( <sup>6</sup> )	433	345	261	214	60.12	61.99	( <sup>5</sup> )
Return with only self-employ- ment tax:									
No adjusted gross income.....		12		7 2/3					( <sup>5</sup> )
Under 0.6.....		72		34					1

<sup>1</sup> See footnote 2, table 418.

<sup>2</sup> See footnote 3, table 418.

<sup>3</sup> See footnote 5, table 418.

<sup>4</sup> This class includes nontaxable returns with adjusted gross income exceeding \$5,000.

<sup>5</sup> Less than \$500,000.

<sup>6</sup> Less than 500.

<sup>7</sup> Adjusted gross deficit.

# No. 421.—INDIVIDUAL INCOME TAX RETURNS, BY FAMILY RELATIONSHIP: 1946 TO 1951

[Number of returns in thousands; money figures in millions of dollars. See headnote, table 418]

FAMILY RELATIONSHIP	1946	1947	1948	1949	1950	1951	
						Total returns	Taxable returns with no adjusted gross income <sup>1</sup>
<b>Number of returns</b> .....	52,600	54,800	51,746	51,302	52,656	54,970	84
Joint returns of husbands and wives.....	26,333	26,011	29,485	30,050	31,332	32,473	38
Separate returns of husbands and wives:							
Men <sup>2</sup> .....	2,063	2,542	1,146	1,132	1,160	1,175	5
Women <sup>2</sup> .....	2,042	2,691	1,248	1,229	1,114	1,216	2
Separate community property returns:							
Men <sup>2</sup> .....	1,056	1,594	228	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Women <sup>2</sup> .....	990	1,644	228	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Returns of single persons:							
Men.....	10,581	10,767	10,406	10,337	10,442	11,038	27
Women.....	9,536	9,551	9,005	8,554	8,607	9,070	12
<b>Adjusted gross income <sup>4</sup></b> .....	134,330	150,295	164,174	161,373	179,874	203,063	<sup>5</sup> 11
Joint returns of husbands and wives.....	77,003	82,321	118,549	118,377	134,679	153,021	<sup>6</sup> 3
Separate returns of husbands and wives:							
Men.....	10,672	12,202	3,390	3,414	3,654	3,884	<sup>6</sup> 2
Women.....	5,121	6,191	2,436	2,686	2,524	2,739	1
Separate community property returns:							
Men.....	4,575	7,118	942	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Women.....	4,246	5,980	935	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Returns of single persons:							
Men.....	17,760	20,267	21,066	20,222	21,492	24,021	<sup>6</sup> 8
Women.....	14,952	16,217	16,855	16,673	17,525	19,397	<sup>6</sup> 4

<sup>1</sup> Includes taxable returns with adjusted gross income of less than \$600.

<sup>2</sup> Unequal numbers of returns for men and women are the result of insufficient information to identify returns of married persons and the use of samples as a basis for compiling statistical data.

<sup>3</sup> Included in "Separate returns of husbands and wives."

<sup>4</sup> See footnote 2, table 418. <sup>5</sup> Adjusted gross income minus adjusted gross deficit. <sup>6</sup> Adjusted gross deficit.

Source of tables 420 and 421: Treasury Department, Internal Revenue Service; *Statistics of Income*. Part 1.

# No. 422.—INDIVIDUAL AND TAXABLE FIDUCIARY INCOME TAX RETURNS—ANALYSIS: 1947 TO 1951

[Money figures in millions of dollars. See headnote, table 418. See also *Historical Statistics*, series P 144, 146, - and 147]

DISTRIBUTION	1947	1948	1949	1950	1951			
					Total	Individual	Fiduciary	Individual returns with no adjusted gross income <sup>1</sup>
<b>Adjusted gross income <sup>2</sup></b> .....	151,269	165,161	162,300	181,108	204,265	203,063	1,202	11
Salaries, wages, commissions, etc. <sup>3</sup> .....	114,737	125,815	124,799	138,956	160,329	160,329	-----	11
Dividends, domestic and foreign <sup>4</sup> .....	4,776	5,458	5,748	6,824	6,696	6,031	665	( <sup>5</sup> )
Interest <sup>6</sup> .....	1,210	1,364	1,596	1,679	1,775	1,684	92	1
Rents and royalties: <sup>7</sup>								
Net profit.....	2,304	2,690	3,127	3,290	3,408	3,299	109	3
Net loss.....	229	238	268	283	343	342	2	3
Business or profession: <sup>8</sup>								
Net profit.....	16,422	18,075	15,647	16,890	18,146	18,104	42	37
Net loss.....	521	648	637	843	941	939	3	13
Partnership: <sup>9</sup>								
Net profit.....	8,288	8,093	7,936	8,601	8,893	8,848	45	9
Net loss.....	153	167	250	225	231	230	1	3
Net operating loss deduction <sup>10</sup> .....					11 36	36	( <sup>11</sup> )	16
Sales or exchanges of capital assets: <sup>12</sup>								
Net gain.....	2,557	2,600	1,995	3,394	3,398	3,185	212	2
Net loss.....	283	290	335	316	270	267	2	4
Sales or exchanges of property other than capital assets: <sup>13</sup>								
Net gain.....	99	108	102	105	86	84	2	( <sup>5</sup> )
Net loss.....	68	83	102	133	124	123	1	16
Annuities and pensions <sup>14</sup> .....	226	293	442	430	499	499	-----	( <sup>5</sup> )
Income from estates and trusts <sup>15</sup> .....	1,239	1,322	1,452	1,710	1,764	1,739	25	( <sup>5</sup> )
Miscellaneous income <sup>16</sup> .....	665	768	1,048	1,030	1,216	1,197	18	3
Income tax <sup>17</sup> .....	18,249	15,618	14,682	18,584	24,439	24,228	211	-----
Self-employment tax <sup>18</sup> .....					210	210	-----	1
Number of returns.....	1,000..	54,910	51,847	51,401	52,771	55,087	54,970	116
								84

<sup>1</sup> Includes taxable returns with adjusted gross income of less than \$600. Represents returns with only self-employment tax; excluded in preceding columns.

<sup>2</sup> See footnote 2, table 418.

<sup>3</sup> Includes annuities, pensions, and retirement pay reported in the schedule for salaries, but excludes wages of not more than \$100 per return from which no tax was withheld, reported on Form W-2 for 1947, and on Form 1040A for 1948-51. (See footnote 16.)

<sup>4</sup> Dividends received exclude amounts received through partnerships and fiduciaries and amounts not exceeding \$100 per return reported on Form W-2 for 1947 and on Form 1040A for 1948-51. (See footnote 16.)

<sup>5</sup> Figure subject to sampling variation of more than 100 percent; therefore, not shown separately.

<sup>6</sup> Interest received includes interest on notes, mortgages, bank deposits, corporation bonds, savings accounts, and taxable and partially tax-exempt interest on Government obligations; also includes, when received through partnerships and fiduciaries, partially tax-exempt interest on Government obligations. Excludes amounts not exceeding \$100 per return reported on Form W-2 for 1947 and on Form 1040A for 1948-51. (See footnote 16.)

<sup>7</sup> Rents and royalties net profit is excess of gross rents and gross royalties over taxes, interest, repairs, depreciation, depletion, and other expenses pertaining to the respective income. Conversely, net loss from these sources is excess of expenses over gross receipts. Rents and royalties are not reported separately; net loss from either source offsets net profit of the other.

<sup>8</sup> Business net profit or loss is the net result of all sole proprietorship operations carried on by the taxpayer. Net loss from one business activity offsets net profit from another. Deductions from total receipts are allowed for business expenses, and net operating loss deduction for 1947-50. Net operating loss deduction for 1951 is a separate component of adjusted gross income or deficit.

<sup>9</sup> Partnership profit or loss excludes partially tax-exempt interest on Government obligations and net gain or loss from sales of capital assets.

<sup>10</sup> Not available prior to 1951. Amount reported is only that portion of net operating loss from business and partnerships not absorbed by required carrybacks and carryovers prior to current year.

<sup>11</sup> Net operating deduction is reported in miscellaneous deductions on fiduciary returns.

<sup>12</sup> Capital assets consist of all property held by taxpayer other than the kinds of property specified in footnote 13. Net gain or loss is the net gain or allowable loss used in computing adjusted gross income and includes such gain or loss from partnerships. Each is the result of combining net short- and long-term capital gain and loss and allowable capital loss carryover from 5 preceding years not previously deducted. However, deduction for loss is limited to this loss, or to amount of net income (adjusted gross income if tax is determined from tax table) computed without regard to capital gain and loss, or to \$1,000, whichever is smallest. For detailed explanation, see source.

<sup>13</sup> Sales of (a) property used in trade or business of a character which is subject to allowance for depreciation, (b) Government obligations issued on a discount basis and payable, without interest, within 1 year from issue, (c) real property used in trade or business, and (d) for 1951, certain copyrights and literary, musical, or artistic compositions.

<sup>14</sup> Income from annuities and pensions is only the taxable portion of amounts received. Amounts received to extent of 3 percent of cost are reported annually, until aggregate of amounts received and excluded from income equals cost. Thereafter, entire amounts received are taxable and must be included in income. Annuities, pensions, and retirement pay from which tax is withheld may be reported as salaries and wages.

<sup>15</sup> Excludes partially tax-exempt interest on Government obligations, which is reported in interest income.

<sup>16</sup> Comprises all taxable income not accounted for elsewhere in this table; also includes wages not subject to withholding, dividends, and interest, not exceeding in total \$100 per return reported on Form W-2 for 1947 and on Form 1040A for 1948-51.

<sup>17</sup> See footnote 3, table 418. <sup>18</sup> See footnote 5, table 418.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*, Part 1.



**No. 423.—INDIVIDUAL INCOME TAX RETURNS—INCOME DISTRIBUTED BY SOURCE,  
BY ADJUSTED GROSS INCOME CLASSES: 1951**

[Amounts in thousands of dollars. See headnote, table 418]

ADJUSTED GROSS INCOME CLASS <sup>1</sup> (\$1,000)	Salaries, wages, etc. <sup>2</sup>	Divi- dends <sup>3</sup>	Interest <sup>4</sup>	RENTS AND ROYALTIES <sup>5</sup>		BUSINESS AND PROFESSION <sup>6</sup>		PARTNERSHIP <sup>7</sup>	
				Net profit	Net loss	Net profit	Net loss	Net profit	Net loss
<b>Total</b> -----	160,329,041	6,030,871	1,683,974	3,298,839	341,560	18,103,930	938,591	8,848,210	230,496
Under 0.6-----	1,139,292	11,102	17,922	47,056	5,882	82,749	63,495	12,736	4,217
0.6 under 1-----	2,154,234	39,969	45,531	122,690	8,458	295,738	40,007	48,311	3,298
1 under 1.5-----	4,765,216	71,780	71,327	188,913	12,289	728,071	57,635	96,867	6,781
1.5 under 2-----	7,062,581	88,011	76,550	184,474	19,050	963,095	60,274	160,234	13,231
2 under 2.5-----	9,758,258	95,036	74,709	163,802	16,314	1,143,414	63,353	200,335	6,461
2.5 under 3-----	12,474,191	102,454	71,350	178,832	18,637	1,199,742	73,620	262,254	9,646
3 under 4-----	31,270,695	199,416	131,610	286,648	46,742	2,137,886	104,596	588,258	21,681
4 under 5 <sup>14</sup> -----	29,561,094	229,364	128,569	269,209	51,267	1,643,200	81,426	519,093	23,837
5 under 10-----	47,621,929	853,185	358,724	725,908	76,034	3,845,706	132,664	1,737,359	35,076
10 under 15-----	5,626,778	551,141	165,038	275,666	18,013	1,845,160	44,004	1,051,772	16,744
15 under 20-----	2,308,530	404,406	102,492	164,292	9,774	1,111,531	30,425	705,792	11,916
20 under 25-----	1,456,628	326,531	71,158	113,690	7,316	722,619	20,221	537,934	7,226
25 under 50-----	3,006,988	1,013,361	185,958	291,593	22,918	1,560,748	65,419	1,518,166	23,386
50 under 100-----	1,421,555	841,279	105,539	157,566	14,336	592,568	44,295	860,375	16,785
100 under 150-----	372,495	359,342	31,971	49,728	4,356	120,883	17,079	263,131	6,471
150 under 300-----	242,993	407,423	26,858	47,315	5,702	79,104	23,841	205,211	9,501
300 under 500-----	57,433	156,768	8,186	14,815	2,255	15,974	7,827	46,071	7,851
500 under 1,000-----	24,074	130,601	5,124	10,807	1,468	10,149	5,600	22,340	2,789
1,000 or more-----	4,077	149,702	5,358	5,835	749	5,593	2,810	11,971	3,599
Returns with only self-employ- ment tax: No adjusted gross income-----	3,493	( <sup>15</sup> )	673	1,447	( <sup>15</sup> )	9,458	11,871	4,652	( <sup>15</sup> )
Under 0.6-----	7,658	( <sup>15</sup> )	41	1,109	1,274	27,533	1,331	3,970	1,270

ADJUSTED GROSS INCOME CLASS <sup>1</sup> (\$1,000)	Net oper- ating loss deduc- tion <sup>8</sup>	SALES OR EX- CHANGES OF CAPITAL AS- SETS <sup>9</sup>		SALES OR EX- CHANGES OF PROPERTY OTHER THAN CAPITAL ASSETS <sup>10</sup>		Annu- ities and pen- sions <sup>11</sup>	Income from estates and trusts <sup>12</sup>	Miscel- laneous income <sup>13</sup>	Adjusted gross income <sup>1</sup>
		Net gain	Net loss	Net gain	Net loss				
<b>Total</b> -----	35,939	3,185,414	267,178	83,761	123,118	499,306	1,739,064	1,197,049	203,062,575
Under 0.6-----	( <sup>15</sup> )	21,577	7,615	2,145	4,823	7,015	1,478	11,153	1,267,381
0.6 under 1-----	( <sup>15</sup> )	27,239	7,252	1,665	4,148	31,558	7,206	44,750	2,752,898
1 under 1.5-----	( <sup>15</sup> )	58,668	10,039	4,707	8,209	65,029	13,997	78,095	6,046,843
1.5 under 2-----	( <sup>15</sup> )	74,925	12,908	2,965	6,219	73,038	23,737	98,690	8,692,983
2 under 2.5-----	( <sup>15</sup> )	80,772	15,070	5,637	8,720	56,203	25,163	85,795	11,576,673
2.5 under 3-----	( <sup>15</sup> )	94,152	14,651	8,252	10,998	38,671	20,254	93,106	14,414,461
3 under 4-----	4,043	168,461	30,494	7,913	13,014	59,253	44,153	156,662	34,830,375
4 under 5 <sup>14</sup> -----	3,143	155,947	25,513	6,134	11,842	37,754	57,847	118,929	32,530,127
5 under 10-----	9,863	526,485	70,378	21,051	24,864	64,358	205,909	255,610	55,867,323
10 under 15-----	2,153	268,752	24,218	6,348	6,957	19,563	149,640	77,052	9,924,828
15 under 20-----	1,224	177,354	13,526	3,642	4,832	9,979	115,843	46,507	5,078,669
20 under 25-----	1,337	136,261	8,988	2,566	2,623	6,554	90,210	31,393	3,447,850
25 under 50-----	1,665	389,496	17,724	5,651	7,924	14,747	301,368	58,689	8,207,748
50 under 100-----	581	319,090	6,550	2,139	3,714	8,264	251,784	27,064	4,500,963
100 under 150-----	27	153,938	1,299	803	1,339	3,074	110,066	6,349	1,441,201
150 under 300-----	7	216,726	738	671	1,242	2,878	141,175	4,946	1,334,269
300 under 500-----	-----	116,031	127	433	181	615	54,585	973	453,649
500 under 1,000-----	-----	99,022	53	1,022	291	454	55,426	867	349,694
1,000 or more-----	-----	100,518	35	17	1,178	299	69,223	419	344,640
Returns with only self-employ- ment tax: No adjusted gross income-----	15,158	1,625	2,052	( <sup>15</sup> )	13,298	( <sup>15</sup> )	( <sup>15</sup> )	( <sup>15</sup> )	<sup>16</sup> 23,912
Under 0.6-----	( <sup>15</sup> )	( <sup>15</sup> )	1,624	-----	2,938	-----	-----	2,902	34,458

<sup>1</sup> See footnote 2, table 418.

<sup>2,13</sup> See footnotes 3 through 16, table 422, for respective items.

<sup>14</sup> See footnote 4, table 420.

<sup>15</sup> See footnote 5, table 422.

<sup>16</sup> Adjusted gross deficit.

# NO. 424.—INDIVIDUAL INCOME TAX RETURNS, BY STATES AND TERRITORIES: 1949 TO 1951

[Number of returns in thousands; money figures in millions of dollars]

DIVISION, STATE, OR TERRITORY	1949			1950			1951			
	Number of returns	Adjusted gross income <sup>1</sup>	Tax <sup>2</sup>	Number of returns	Adjusted gross income <sup>1</sup>	Tax <sup>2</sup>	Number of returns	Adjusted gross income <sup>1</sup>	Income tax <sup>2</sup>	Self-employment tax <sup>3</sup>
<b>Total <sup>4</sup></b> .....	<b>51,500</b>	<b>162,210</b>	<b>14,581</b>	<b>52,665</b>	<b>180,065</b>	<b>18,390</b>	<b>55,042</b>	<b>203,339</b>	<b>24,268</b>	<b>211</b>
<b>New England</b> .....	<b>3,701</b>	<b>11,070</b>	<b>981</b>	<b>3,787</b>	<b>12,362</b>	<b>1,281</b>	<b>3,875</b>	<b>13,635</b>	<b>1,655</b>	<b>13</b>
Maine.....	322	781	56	320	847	65	329	924	86	1
New Hampshire.....	201	516	38	210	578	49	217	657	66	1
Vermont.....	127	307	22	126	353	27	132	385	34	( <sup>5</sup> )
Massachusetts.....	1,902	5,912	518	1,931	6,309	650	1,966	6,882	830	6
Rhode Island.....	321	902	79	328	1,055	109	335	1,130	138	1
Connecticut.....	826	2,652	267	870	3,219	380	896	3,656	499	4
<b>Middle Atlantic</b> .....	<b>12,022</b>	<b>39,751</b>	<b>3,800</b>	<b>12,193</b>	<b>43,705</b>	<b>4,714</b>	<b>12,570</b>	<b>48,819</b>	<b>6,111</b>	<b>48</b>
New York.....	6,106	21,203	2,137	6,124	22,978	2,626	6,299	25,422	3,315	24
New Jersey.....	1,941	6,454	590	2,008	7,307	743	2,090	8,257	998	8
Pennsylvania.....	3,975	12,094	1,073	4,060	13,420	1,344	4,181	15,140	1,797	16
<b>East North Central</b> .....	<b>11,607</b>	<b>38,046</b>	<b>3,487</b>	<b>11,887</b>	<b>42,319</b>	<b>4,402</b>	<b>12,315</b>	<b>48,534</b>	<b>5,991</b>	<b>45</b>
Ohio.....	2,977	9,636	880	3,066	10,712	1,088	3,208	12,580	1,551	12
Indiana.....	1,409	4,374	372	1,464	4,817	450	1,521	5,542	628	6
Illinois.....	3,619	12,510	1,227	3,593	13,469	1,511	3,711	15,291	2,001	13
Michigan.....	2,334	7,760	700	2,477	9,205	968	2,555	10,415	1,288	9
Wisconsin.....	1,268	3,765	309	1,286	4,117	385	1,320	4,706	524	5
<b>West North Central</b> .....	<b>4,940</b>	<b>14,232</b>	<b>1,138</b>	<b>4,923</b>	<b>15,320</b>	<b>1,393</b>	<b>5,073</b>	<b>16,819</b>	<b>1,802</b>	<b>22</b>
Minnesota.....	1,064	2,994	238	1,076	3,429	300	1,083	3,608	379	4
Iowa.....	955	2,736	208	938	2,887	247	953	3,057	305	4
Missouri.....	1,358	4,152	351	1,346	4,346	438	1,398	4,889	582	6
North Dakota.....	217	565	38	199	549	41	204	617	56	1
South Dakota.....	215	541	37	215	558	41	223	626	54	1
Nebraska.....	476	1,356	110	479	1,474	135	503	1,648	177	2
Kansas.....	655	1,889	156	670	2,076	191	710	2,372	249	3
<b>South Atlantic</b> .....	<b>5,967</b>	<b>17,211</b>	<b>1,413</b>	<b>6,224</b>	<b>19,405</b>	<b>1,800</b>	<b>6,679</b>	<b>22,096</b>	<b>2,388</b>	<b>21</b>
Delaware.....	121	448	77	128	546	110	135	604	113	( <sup>5</sup> )
Maryland.....	1,105	3,381	290	1,162	3,817	368	1,309	4,528	513	3
Dist. of Columbia.....	397	1,377	141	374	1,418	170	372	1,465	205	1
Virginia.....	917	2,607	203	957	2,927	253	1,001	3,271	347	3
West Virginia.....	597	1,620	110	600	1,728	132	589	1,838	168	1
North Carolina.....	907	2,335	166	959	2,759	219	1,035	3,151	289	3
South Carolina.....	428	1,115	75	453	1,307	102	491	1,500	136	2
Georgia.....	725	2,064	162	771	2,308	192	844	2,670	270	4
Florida.....	770	2,263	189	822	2,595	254	904	3,068	347	4
<b>East South Central</b> .....	<b>2,344</b>	<b>6,364</b>	<b>461</b>	<b>2,447</b>	<b>7,150</b>	<b>604</b>	<b>2,665</b>	<b>8,282</b>	<b>801</b>	<b>10</b>
Kentucky.....	680	1,830	133	715	2,117	178	781	2,390	232	3
Tennessee.....	771	2,156	159	805	2,377	210	857	2,691	272	3
Alabama.....	611	1,635	116	635	1,836	148	706	2,247	211	3
Mississippi.....	282	743	54	292	820	67	321	954	87	1
<b>West South Central</b> .....	<b>3,675</b>	<b>11,332</b>	<b>1,035</b>	<b>3,826</b>	<b>12,828</b>	<b>1,339</b>	<b>4,091</b>	<b>14,386</b>	<b>1,682</b>	<b>17</b>
Arkansas.....	326	860	58	344	949	74	367	1,075	95	2
Louisiana.....	623	1,895	168	638	2,080	202	674	2,308	254	1
Oklahoma.....	601	1,713	136	607	1,925	181	675	2,209	230	3
Texas.....	2,124	6,864	673	2,238	7,874	883	2,375	8,793	1,103	11
<b>Mountain</b> .....	<b>1,615</b>	<b>4,953</b>	<b>409</b>	<b>1,656</b>	<b>5,575</b>	<b>521</b>	<b>1,766</b>	<b>6,317</b>	<b>698</b>	<b>8</b>
Montana.....	210	629	51	209	694	64	218	773	85	1
Idaho.....	188	530	39	191	580	45	199	669	64	1
Wyoming.....	102	327	28	101	353	34	106	399	49	( <sup>5</sup> )
Colorado.....	459	1,455	129	471	1,609	160	502	1,801	209	2
New Mexico.....	176	531	45	179	621	58	194	697	78	1
Arizona.....	203	643	50	214	748	75	235	854	98	1
Utah.....	216	630	43	225	712	53	242	847	76	1
Nevada.....	62	208	23	66	257	32	70	277	39	( <sup>5</sup> )
<b>Pacific</b> .....	<b>5,447</b>	<b>18,710</b>	<b>1,809</b>	<b>5,542</b>	<b>20,818</b>	<b>2,281</b>	<b>5,818</b>	<b>23,799</b>	<b>3,067</b>	<b>28</b>
Washington <sup>6</sup> .....	906	2,950	272	911	3,255	335	953	3,789	473	4
Oregon.....	542	1,782	163	553	2,005	206	574	2,229	273	3
California.....	3,999	13,978	1,374	4,078	15,558	1,740	4,290	17,781	2,321	20
<b>Hawaii</b> .....	<b>183</b>	<b>541</b>	<b>47</b>	<b>180</b>	<b>584</b>	<b>55</b>	<b>190</b>	<b>653</b>	<b>73</b>	<b>1</b>

<sup>1</sup> See footnote 2, table 418.

<sup>2</sup> See footnote 3, table 418.

<sup>3</sup> See footnote 5, table 418.

<sup>4</sup> Aggregates in this table differ somewhat from those in other tables for individual returns with adjusted gross income due to (a) the dual system of weighting, one series of weights uniformly applied to all districts for the national distributions and an independent series for each district for the State distributions, (b) use of rounded weighting factors, (c) for 1949, a small number of returns included in the State distributions which were not available for the national distributions, and (d) for 1951, data for taxable returns showing adjusted gross income of less than \$600, which are returns with only self-employment tax, included in this table.

<sup>5</sup> Less than \$500,000.

<sup>6</sup> Includes Alaska.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*, Part 1.



## No. 425.—INDIVIDUAL INCOME TAX RETURNS—ANALYSIS, BY ADJUSTED GROSS INCOME CLASSES: 1951

[Money figures, except average tax per return, in thousands of dollars. See headnote, table 418]

ADJUSTED GROSS INCOME CLASS <sup>1</sup>	Number of returns	Adjusted gross income <sup>1</sup>	Amount of exemption <sup>2</sup>	Income tax <sup>3</sup>	DISTRIBUTION OF TAX		Self-employment tax <sup>4</sup>
					Normal tax and surtax	Alternative tax	
<b>Total</b> .....	54, 970, 428	203, 062, 575	86, 354, 829	24, 227, 780	21, 661, 972	2, 565, 808	210, 022
Under \$600 nontaxable.....	3, 760, 057	1, 267, 381	2, 994, 286	-----	-----	-----	-----
\$600 under \$1,000 taxable.....	1, 751, 817	1, 467, 400	1, 171, 912	50, 542	50, 542	-----	3, 403
\$600 under \$1,000 nontaxable.....	1, 657, 555	1, 285, 498	2, 233, 427	-----	-----	-----	-----
\$1,000 under \$1,500 taxable.....	2, 978, 858	3, 729, 172	2, 262, 877	241, 320	241, 320	-----	8, 995
\$1,000 under \$1,500 nontaxable.....	1, 888, 172	2, 317, 671	3, 272, 519	-----	-----	-----	-----
\$1,500 under \$2,000 taxable.....	3, 314, 720	5, 797, 520	2, 958, 175	461, 740	461, 740	-----	13, 262
\$1,500 under \$2,000 nontaxable.....	1, 645, 188	2, 895, 463	3, 574, 043	-----	-----	-----	-----
\$2,000 under \$2,500 taxable.....	3, 972, 945	8, 935, 227	4, 418, 020	721, 975	721, 975	-----	17, 481
\$2,000 under \$2,500 nontaxable.....	1, 172, 165	2, 641, 446	3, 099, 816	-----	-----	-----	-----
\$2,500 under \$3,000 taxable.....	4, 292, 128	11, 836, 517	5, 577, 128	998, 321	998, 321	-----	20, 039
\$2,500 under \$3,000 nontaxable.....	950, 678	2, 577, 944	2, 778, 163	-----	-----	-----	-----
\$3,000 under \$4,000 taxable.....	8, 963, 735	31, 302, 060	14, 170, 289	2, 728, 262	2, 728, 262	-----	39, 821
\$3,000 under \$4,000 nontaxable.....	1, 034, 226	3, 528, 315	3, 571, 778	-----	-----	-----	-----
\$4,000 under \$5,000 taxable.....	6, 972, 313	31, 118, 776	12, 999, 745	2, 919, 638	2, 919, 638	-----	27, 328
\$4,000 or more nontaxable.....	297, 759	1, 411, 351	1, 272, 921	-----	-----	-----	-----
\$5,000 under \$10,000 taxable.....	8, 703, 823	55, 867, 323	16, 806, 000	6, 607, 556	6, 607, 556	-----	50, 406
\$10,000 under \$15,000.....	831, 910	9, 924, 828	1, 623, 202	1, 594, 410	1, 594, 410	-----	13, 667
\$15,000 under \$20,000.....	295, 950	5, 078, 669	590, 720	978, 921	978, 014	907	5, 839
\$20,000 under \$25,000.....	154, 776	3, 447, 850	312, 916	759, 746	748, 490	11, 256	2, 922
\$25,000 under \$50,000.....	243, 542	8, 207, 748	494, 530	2, 305, 428	1, 973, 141	332, 287	5, 077
\$50,000 under \$100,000.....	67, 456	4, 500, 963	133, 758	1, 778, 160	947, 091	831, 069	1, 412
\$100,000 under \$150,000.....	12, 047	1, 441, 201	22, 948	687, 725	275, 610	412, 115	233
\$150,000 under \$300,000.....	6, 702	1, 334, 269	12, 347	709, 032	223, 659	485, 373	116
\$300,000 under \$500,000.....	1, 212	453, 649	2, 149	259, 899	63, 027	196, 872	14
\$500,000 under \$1,000,000.....	523	349, 694	904	211, 452	46, 656	164, 796	6
\$1,000,000 or more.....	171	344, 640	255	213, 653	82, 520	131, 133	1
Returns with only self-employment tax:							
No adjusted gross income.....	11, 813	<sup>5</sup> 23, 912	15, 133	-----	-----	-----	330
Under \$600.....	72, 169	34, 458	86, 553	-----	-----	-----	941

ADJUSTED GROSS INCOME CLASS <sup>1</sup>	PERCENT DISTRIBUTION			Average income tax per return	Effective income tax rate on adjusted gross income (percent)
	Returns	Adjusted gross income	Income tax		
<b>Total</b> .....	100. 00	100. 00	100. 00	\$441	11. 93
Under \$600 nontaxable.....	6. 84	0. 62	-----	-----	-----
\$600 under \$1,000 taxable.....	3. 19	0. 72	0. 21	29	3. 44
\$600 under \$1,000 nontaxable.....	3. 02	0. 63	-----	-----	-----
\$1,000 under \$1,500 taxable.....	5. 42	1. 84	1. 00	81	6. 47
\$1,000 under \$1,500 nontaxable.....	3. 43	1. 14	-----	-----	-----
\$1,500 under \$2,000 taxable.....	6. 03	2. 86	1. 91	139	7. 96
\$1,500 under \$2,000 nontaxable.....	2. 99	1. 43	-----	-----	-----
\$2,000 under \$2,500 taxable.....	7. 23	4. 40	2. 98	182	8. 08
\$2,000 under \$2,500 nontaxable.....	2. 13	1. 30	-----	-----	-----
\$2,500 under \$3,000 taxable.....	7. 81	5. 83	4. 12	233	8. 43
\$2,500 under \$3,000 nontaxable.....	1. 73	1. 27	-----	-----	-----
\$3,000 under \$4,000 taxable.....	16. 31	15. 41	11. 26	304	8. 72
\$3,000 under \$4,000 nontaxable.....	1. 88	1. 74	-----	-----	-----
\$4,000 under \$5,000 taxable.....	12. 68	15. 32	12. 05	419	9. 38
\$4,000 or more nontaxable.....	0. 54	0. 70	-----	-----	-----
\$5,000 under \$10,000 taxable.....	15. 83	27. 51	27. 27	759	11. 83
\$10,000 under \$15,000.....	1. 51	4. 89	6. 58	1, 917	16. 06
\$15,000 under \$20,000.....	0. 54	2. 50	4. 04	3, 308	19. 28
\$20,000 under \$25,000.....	0. 28	1. 70	3. 14	4, 909	22. 04
\$25,000 under \$50,000.....	0. 44	4. 04	9. 52	9, 466	28. 09
\$50,000 under \$100,000.....	0. 12	2. 22	7. 34	26, 360	39. 51
\$100,000 under \$150,000.....	0. 02	0. 71	2. 84	57, 087	47. 72
\$150,000 under \$300,000.....	0. 01	0. 66	2. 93	105, 794	53. 14
\$300,000 under \$500,000.....	( <sup>6</sup> )	0. 22	1. 07	214, 438	57. 29
\$500,000 under \$1,000,000.....	( <sup>6</sup> )	0. 17	0. 87	404, 306	60. 47
\$1,000,000 or more.....	( <sup>6</sup> )	0. 17	0. 88	1, 240, 433	61. 99

<sup>1</sup> See footnote 2, table 418.<sup>2</sup> Amount of exemption, allowed for purposes of normal tax and surtax, includes a per capita exemption of \$600 for the taxpayer, his spouse, and each dependent, together with additional exemptions, for the taxpayer and/or spouse, of \$600 if blind and \$600 if 65 years of age or more.<sup>3</sup> See footnote 3, table 418. <sup>4</sup> See footnote 5, table 418. <sup>5</sup> Adjusted gross deficit. <sup>6</sup> Less than 0.005 percent.Source: Treasury Department, Internal Revenue Service; *Statistics of Income*, Part 1.

## No. 426.—CORPORATION INCOME TAX RETURNS—SUMMARY: 1925 TO 1952

[Money figures in millions of dollars. Includes data for Alaska, District of Columbia, and Hawaii; based on returns as filed, prior to audit adjustments or other changes made after the returns were filed, as the result of carry-backs, relief granted under section 722 of the Internal Revenue Code, recomputation of amortization of emergency facilities, or renegotiation of war contracts. All corporations are required to file returns except those specifically exempt, such as mutual, fraternal, civic, and charitable organizations not operating for profit. Returns of inactive corporations are excluded from these tabulations, except as noted. In comparing data over a period of years, changes in law must be taken into consideration, especially discontinuance for 1934-41 of privilege of filing consolidated returns (except by railroad corporations and their related holding or leasing companies and, in 1940-41, by Pan American trade corporations) and the restoration of this privilege in 1942. Beginning 1951, data are based on a probability sample. See source publications for effect of changes on statistical items. For other corporation data based on income tax returns, see pp. 491-493 and 497. See also *Historical Statistics*, series P 152-164]

ITEM	1925	1930	1935	1940	1945	1949	1950	1951	1952 (prel.)
<b>ALL INCOME AND DECLARED VALUE EXCESS PROFITS TAX RETURNS</b>									
Number of returns (excluding inactive corporations).....	430, 072	463, 036	477, 113	473, 042	421, 125	614, 842	629, 314	652, 376	672, 071
Total compiled receipts <sup>1</sup> .....	134, 780	136, 588	114, 650	148, 237	255, 448	393, 450	453, 130	517, 039	531, 307
Net income less deficit <sup>2</sup> .....	7, 621	1, 551	1, 696	8, 919	21, 139	28, 195	42, 613	43, 546	38, 456
Total tax liability.....	1, 170	712	735	<sup>3</sup> 2, 549	10, 795	9, 817	17, 317	22, 082	19, 148
Income tax.....	1, 170	712	710	2, 144	4, 183	9, 817	15, 929	19, 623	17, 597
Declared value excess profits tax.....			25	31	55				
Excess profits tax.....				374	6, 557		1, 387	2, 459	1, 551
Dividends paid in cash and assets other than own stock.....	5, 189	8, 184	5, 941	6, 089	6, 081	9, 569	11, 553	11, 299	11, 263
<b>RETURNS WITH NET INCOME</b>									
Number of returns.....	252, 334	221, 420	164, 231	220, 977	303, 019	384, 772	426, 283	439, 047	442, 577
Total compiled receipts <sup>1</sup> .....	114, 087	89, 911	77, 639	125, 180	239, 046	350, 169	430, 688	479, 243	486, 441
Net income <sup>2</sup> .....	9, 584	6, 429	5, 165	11, 203	22, 165	30, 577	44, 141	45, 333	40, 432
Total tax liability.....	1, 170	712	735	<sup>3</sup> 2, 549	10, 795	9, 817	17, 317	22, 082	19, 148
Income tax.....	1, 170	712	710	2, 144	4, 183	9, 817	15, 929	19, 623	17, 597
Declared value excess profits tax.....			25	31	55				
Excess profits tax.....				374	6, 557		1, 387	2, 459	1, 551
Dividends paid in cash and assets other than own stock.....	4, 817	6, 823	4, 651	5, 888	5, 918	9, 409	11, 455	11, 181	11, 133
<b>RETURNS WITH NO NET INCOME</b>									
Number of returns.....	<sup>4</sup> 177,738	241, 616	312, 882	252, 065	118, 106	230, 070	203, 031	213, 329	229, 494
Total compiled receipts <sup>1</sup> .....	20, 693	46, 677	37, 011	23, 056	16, 402	43, 281	27, 442	37, 796	44, 866
Deficit <sup>2</sup> .....	1, 963	4, 878	3, 469	2, 284	1, 026	2, 382	1, 527	1, 788	1, 976
Dividends paid in cash and assets other than own stock.....	372	1, 361	1, 290	200	163	160	98	119	130
Inactive corporations, number of returns.....	(4)	55, 700	56, 518	43, 741	33, 335	35, 115	36, 678	34, 934	33, 426
<b>RETURNS WITH EXCESS PROFITS TAX <sup>5</sup></b>									
Number of returns.....				13, 440	52, 097		50, 301	40, 746	( <sup>6</sup> )
Excess profits net income.....				2, 998	14, 165		25, 654	23, 957	( <sup>6</sup> )
Adjusted excess profits net income.....				912	8, 368		8, 985	8, 764	( <sup>6</sup> )

<sup>1</sup> Total compiled receipts consist of gross sales (less returns and allowances), gross receipts from operations (where inventories are not an income-determining factor), all interest received on Government obligations (less amortizable bond premium), other interest, rents, royalties, excess of net short-term capital gain over net long-term capital loss, excess of net long-term capital gain over net short-term capital loss, net gain from sale or exchange of property other than capital assets, dividends, and other taxable income. Total compiled receipts exclude nontaxable income other than tax-exempt interest received on certain Government obligations.

<sup>2</sup> Net income (or deficit), in general, represents taxable income less allowable deductions, except that for 1925 and 1930, and for 1940-51, amount shown is before deduction due to net operating loss of prior years. (For amounts of such deductions, see table 582, p. 492). Beginning 1936, dividends received on stock of domestic corporations are included in taxable income. For 1936 and later years, contributions or gifts are deductible in arriving at net income and are limited to 5 percent of net income before deduction.

<sup>3</sup> Includes defense tax.

<sup>4</sup> Includes returns of inactive corporations, not available separately.

<sup>5</sup> For tax reported, see above.

<sup>6</sup> Not available.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*, Part 2.



**No. 427.—CORPORATION INCOME TAX RETURNS—TOTAL COMPILED RECEIPTS, NET INCOME OR DEFICIT, AND TOTAL TAX, BY INDUSTRIAL DIVISIONS: 1925 TO 1952**

[Money figures in millions of dollars. See headnote and footnotes, table 426]

YEAR	Total com- piled receipts, all returns	RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME		Total com- piled receipts, all returns	RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME	
		Num- ber	Net income	Total tax	Num- ber	Defi- cit		Num- ber	Net income	Total tax	Num- ber	Defi- cit
	All industrial divisions <sup>1</sup>						Agriculture, forestry, and fishery <sup>2</sup>					
1925	134,780	252,334	9,584	1,170	177,738	1,962	794	4,662	77	9	5,242	59
1930	136,588	221,420	6,429	712	241,616	4,878	672	3,475	40	4	6,431	86
1935	114,650	164,231	5,165	735	312,882	3,469	591	2,321	44	6	6,734	40
1940	148,237	220,977	11,203	2,549	252,065	2,284	643	3,213	49	10	5,187	32
1945	255,448	303,019	22,165	10,795	118,106	1,026	993	3,865	150	64	2,287	16
1950	458,130	426,283	44,141	17,317	203,031	1,527	2,131	5,039	321	103	3,261	26
1951	517,039	439,047	45,333	22,082	213,329	1,788	2,467	5,389	289	107	3,345	30
1952	531,307	442,577	40,432	19,148	229,494	1,976	2,560	4,988	194	77	(3)	(3)
	Mining and quarrying <sup>2</sup>						Construction <sup>2</sup>					
1925	4,936	5,488	454	55	13,675	210	2,309	9,701	156	18	5,637	43
1930	3,010	4,700	194	21	7,533	238	3,046	8,871	151	15	9,674	82
1935	2,633	4,527	163	23	9,188	174	1,496	4,242	49	7	11,808	56
1940	3,264	3,956	315	68	6,427	109	2,528	6,716	102	23	9,033	34
1945	3,954	3,694	300	118	3,602	57	2,948	7,811	146	62	4,023	33
1950	8,609	5,032	1,175	447	4,024	85	11,562	17,868	651	247	9,826	89
1951	9,691	4,966	1,225	561	4,070	105	14,240	19,764	653	292	9,829	93
1952	9,717	4,839	1,101	507	(3)	(3)	15,297	20,946	684	307	(3)	(3)
	Manufacturing <sup>2</sup>						Public utilities <sup>2</sup>					
1925	60,921	54,137	4,383	547	34,537	682	11,911	14,862	1,469	186	8,751	135
1930	58,726	40,641	2,758	317	50,863	1,640	16,027	12,109	1,334	157	9,522	334
1935	47,947	37,976	2,483	357	53,700	666	11,604	10,600	927	129	14,833	572
1940	66,991	47,168	5,632	1,553	38,420	325	13,710	11,479	1,592	362	10,574	279
1945	141,284	61,680	10,577	6,112	17,432	326	22,663	12,966	3,134	1,548	6,770	197
1950	220,303	79,186	24,224	10,637	36,686	502	32,137	16,452	4,446	1,764	9,825	114
1951	255,007	80,877	25,492	14,163	39,319	630	36,221	17,189	4,785	2,306	9,639	99
1952	261,095	80,795	21,081	11,419	(3)	(3)	38,608	18,082	5,033	2,480	(3)	(3)
	Trade <sup>2</sup>						Finance, insurance, real estate, and lessors of real property <sup>2</sup>					
1925	39,860	71,910	1,254	145	37,678	288	10,884	73,246	1,524	180	42,701	456
1930	37,217	59,741	651	64	71,746	739	13,691	72,102	1,065	109	64,477	1,567
1935	37,540	57,813	767	109	87,068	301	9,124	33,231	603	86	91,702	1,382
1940	47,216	71,766	1,270	296	68,083	188	9,913	58,988	2,031	198	83,614	1,163
1945	66,640	97,550	3,439	1,902	23,398	76	10,827	90,568	3,756	667	45,005	262
1950	155,103	148,655	6,620	2,619	60,684	305	18,575	122,742	5,994	1,256	49,099	274
1951	168,266	150,670	5,920	2,776	65,639	426	20,357	125,858	6,188	1,543	51,974	255
1952	168,657	148,365	4,859	2,256	(3)	(3)	23,670	128,491	6,708	1,766	(3)	(3)
	Services <sup>2</sup>						Nature of business not allocable					
1925	2,841	16,571	246	28	12,410	72	323	1,757	20	2	17,107	17
1930	4,167	18,741	234	24	19,472	179	33	1,040	2	(4)	1,898	12
1935	3,710	13,358	127	18	36,289	269	6	163	1	(4)	1,560	9
1940	3,846	16,091	203	39	25,294	95	124	1,600	9	2	5,433	58
1945	5,972	22,977	649	317	12,130	47	166	1,908	15	5	3,459	11
1950	9,593	30,164	693	241	25,069	121	118	1,145	17	5	4,557	10
1951	10,672	33,265	768	329	25,003	136	119	1,069	14	5	4,511	14
1952	11,601	35,084	762	332	(3)	(3)	103	987	10	4	(3)	(3)

<sup>1</sup> A corporation is classified industrially according to the business reported on the return. When diversified activities are reported, the classification is determined by the industry which accounts for the largest percentage of total receipts.

<sup>2</sup> For changes in classification affecting comparability of data, see *Statistics of Income*, Part 2, for 1938 and 1948.

<sup>3</sup> Not available.

<sup>4</sup> Less than \$500,000.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*, Part 2.

## No. 428.—CORPORATION INCOME TAX RETURNS—NUMBER OF RETURNS, TOTAL BY INDUSTRIAL

[Money figures in thousands of dollars. Data are estimated from samples of returns. Selection of the

MAJOR INDUSTRIAL GROUP <sup>1</sup>		1952 (preliminary)					1951
		Total number of re- turns <sup>2</sup>	Total compiled receipts <sup>3</sup>	Returns with net income			Total number of re- turns <sup>2</sup>
				Num- ber	Total compiled receipts <sup>3</sup>	Net income <sup>4</sup>	
1	All industrial groups .....	672, 071	531, 307, 298	442, 577	486, 441, 344	40, 431, 697	652, 376
2	Agriculture, forestry, and fishery .....	8, 869	2, 560, 447	4, 988	2, 090, 020	194, 358	8, 734
3	Farms and agricultural services .....	8, 155	2, 447, 305	4, 598	2, 006, 986	181, 044	8, 028
4	Forestry .....	312	55, 371	216	50, 528	11, 435	235
5	Fishery .....	402	57, 771	174	32, 506	1, 879	471
6	Mining and quarrying .....	9, 055	9, 716, 522	4, 839	8, 047, 731	1, 101, 093	9, 036
7	Metal mining .....	842	1, 501, 674	188	1, 251, 404	237, 507	893
8	Anthracite mining .....	219	464, 189	75	174, 857	16, 645	231
9	Bitum. coal and lignite mining .....	1, 665	2, 288, 388	789	1, 776, 265	88, 263	1, 813
10	Crude petr. and nat. gas prod .....	4, 372	4, 360, 216	2, 514	3, 806, 625	645, 897	4, 140
11	Nonmetallic mining and quarrying .....	1, 957	1, 102, 055	1, 273	1, 038, 380	112, 781	1, 959
12	Construction .....	31, 817	15, 297, 052	20, 946	13, 494, 727	683, 685	29, 593
13	General building contractors .....	(6)	(6)	(6)	(6)	(6)	8, 585
14	Gen. contractors other than bldg .....	(6)	(6)	(6)	(6)	(6)	4, 191
15	General contractors not allocable .....	(6)	(6)	(6)	(6)	(6)	420
16	Special trade contractors .....	(6)	(6)	(6)	(6)	(6)	15, 632
17	Other construction .....	(6)	(6)	(6)	(6)	(6)	765
18	Manufacturing .....	119, 399	261, 095, 156	80, 795	244, 424, 014	21, 081, 015	120, 196
19	Beverages .....	3, 295	7, 281, 446	2, 088	6, 787, 382	448, 155	3, 066
20	Food and kindred products .....	10, 250	36, 187, 201	6, 867	31, 593, 734	1, 229, 982	11, 000
21	Tobacco manufactures .....	151	3, 741, 503	115	3, 717, 661	287, 366	190
22	Textile-mill products .....	5, 495	13, 205, 856	3, 547	10, 977, 710	644, 892	6, 030
23	Apparel and prod. made from fabrics .....	14, 440	9, 093, 128	8, 464	7, 384, 244	229, 826	14, 753
24	Lumber and wood prod., exc. furn .....	5, 934	5, 751, 854	3, 920	5, 060, 647	411, 894	6, 138
25	Furniture and fixtures .....	4, 733	3, 386, 437	3, 109	3, 003, 258	213, 781	4, 432
26	Paper and allied products .....	2, 809	7, 871, 381	2, 025	7, 523, 728	967, 088	2, 752
27	Printing, publ., and allied ind .....	13, 455	7, 973, 804	9, 672	7, 251, 273	647, 899	13, 295
28	Chemicals and allied products .....	7, 628	18, 068, 150	4, 655	17, 451, 511	2, 297, 826	7, 667
29	Petroleum and coal products .....	697	24, 966, 250	476	24, 482, 556	1, 768, 903	690
30	Rubber products .....	734	4, 947, 182	523	4, 818, 770	387, 998	717
31	Leather and products .....	2, 921	3, 334, 699	1, 908	2, 954, 884	134, 440	2, 840
32	Stone, clay, and glass products .....	4, 209	5, 628, 213	2, 988	5, 328, 165	669, 465	4, 356
33	Primary metal industries .....	2, 943	20, 431, 273	2, 299	20, 044, 826	1, 728, 335	3, 126
34	Fabr. metal prod., exc. ordnance, mach'y, and transpor. equip. ....	10, 854	12, 762, 529	8, 412	12, 106, 067	1, 073, 263	10, 536
35	Machinery, exc. transportation equipment and electrical .....	10, 910	22, 318, 510	8, 231	21, 854, 755	2, 462, 771	10, 713
36	Electrical mach'y and equip .....	3, 639	14, 974, 833	2, 461	14, 648, 641	1, 606, 314	3, 414
37	Transpor. equip., exc. motor veh .....	1, 297	9, 575, 407	870	9, 230, 493	627, 407	1, 145
38	Motor vehicles and equip., exc. electrical .....	1, 194	19, 959, 891	902	19, 372, 613	2, 441, 986	1, 286
39	Ordnance and accessories .....	89	453, 404	41	437, 287	55, 305	83
40	Scientific instruments; photographic equip; watches, clocks .....	2, 105	3, 600, 143	1, 436	3, 419, 493	391, 489	2, 022
41	Other manufacturing .....	9, 612	5, 582, 062	5, 786	4, 972, 316	354, 630	9, 945
42	Public utilities .....	28, 460	38, 607, 664	18, 082	36, 459, 420	5, 032, 841	26, 828
43	Transportation .....	20, 854	23, 055, 843	13, 124	21, 058, 766	2, 030, 065	19, 354
44	Railroads, railway express .....	(6)	(6)	(6)	(6)	(6)	610
45	Urban, suburban, and interurban rwys. (with or without buses) .....	(6)	(6)	(6)	(6)	(6)	82
46	Trucking and warehousing .....	(6)	(6)	(6)	(6)	(6)	10, 283
47	Other motor vehicle transpor., incl. taxicabs and buses .....	(6)	(6)	(6)	(6)	(6)	3, 730
48	Pipeline transportation .....	(6)	(6)	(6)	(6)	(6)	142
49	Water transportation .....	(6)	(6)	(6)	(6)	(6)	1, 609
50	Air transport. and allied services .....	(6)	(6)	(6)	(6)	(6)	787
51	Services incidental to transpor .....	(6)	(6)	(6)	(6)	(6)	2, 019
52	Other transportation .....	(6)	(6)	(6)	(6)	(6)	92
53	Communication .....	4, 399	5, 780, 420	2, 901	5, 720, 214	999, 961	4, 250
54	Telephone (wire or radio) .....	(6)	(6)	(6)	(6)	(6)	2, 546
55	Telegraph (wire and radio) .....	(6)	(6)	(6)	(6)	(6)	14
56	Radio broadcasting and television .....	(6)	(6)	(6)	(6)	(6)	1, 663
57	Other communication .....	(6)	(6)	(6)	(6)	(6)	27
58	Electric and gas utilities .....	951	9, 522, 581	779	9, 454, 933	1, 961, 278	1, 226
59	Electric light and power .....	(6)	(6)	(6)	(6)	(6)	583
60	Gas production and distrib., exc. natural gas production .....	(6)	(6)	(6)	(6)	(6)	643
61	Other public utilities .....	2, 256	248, 820	1, 278	225, 507	41, 537	1, 998
62	Water supply .....	(6)	(6)	(6)	(6)	(6)	1, 569
63	Public util. not elsewhere classified .....	(6)	(6)	(6)	(6)	(6)	429

For footnotes, see pp. 372 and 373.



## COMPILED RECEIPTS, NET INCOME OR DEFICIT, INCOME TAX, AND DIVIDENDS PAID, GROUPS: 1951 AND 1952

sample for 1952, however, differs markedly from that for 1951. See headnote and footnotes, table 426]

1951—continued										
Returns with net income						Returns with no net income				
Number of returns	Total compiled receipts <sup>3</sup>	Net income <sup>4</sup>	Taxes		Dividends paid <sup>5</sup>	Number of returns	Total compiled receipts <sup>3</sup>	Deficit <sup>4</sup>	Dividends paid <sup>5</sup>	
			Total	Income tax						
439,047	479,243,451	45,333,173	22,082,117	19,623,441	11,180,692	213,329	37,795,732	1,787,583	118,768	1
5,389	2,192,596	288,619	107,158	102,372	105,743	3,345	274,787	29,702	1,053	2
5,022	2,120,960	276,046	103,462	98,748	102,369	3,006	245,928	26,846	1,042	3
148	35,424	9,542	2,687	2,667	3,073	87	7,620	267	-----	4
219	36,212	3,031	1,009	957	301	252	21,239	2,589	11	5
4,966	8,462,731	1,225,061	560,737	534,509	589,723	4,070	1,228,120	104,990	11,070	6
226	1,448,273	321,365	149,382	141,962	166,497	667	114,051	11,027	447	7
114	241,951	20,694	4,765	4,638	9,260	117	272,270	6,189	3,702	8
912	2,129,717	139,464	57,096	56,171	53,304	901	432,482	25,769	2,451	9
2,436	3,668,660	610,224	281,627	270,684	316,028	1,704	356,284	54,951	4,409	10
1,278	974,130	133,314	67,867	61,054	44,634	681	53,033	7,054	61	11
19,764	12,260,392	652,506	292,445	263,796	70,210	9,829	1,879,701	93,128	2,951	12
5,453	4,485,202	184,778	86,004	76,671	20,701	3,132	781,680	31,953	701	13
2,963	3,559,969	241,979	112,321	101,833	29,225	1,228	395,456	25,771	1,321	14
211	75,300	3,512	1,390	1,266	153	209	28,446	2,400	150	15
10,796	4,148,373	216,606	90,416	81,924	19,928	4,836	647,295	30,661	752	16
341	91,548	5,631	2,314	2,102	203	424	26,824	2,343	27	17
80,877	241,530,606	25,492,126	14,163,463	12,088,130	5,689,680	39,319	13,475,918	630,291	38,508	18
1,865	6,535,431	477,685	243,149	231,443	111,548	1,201	497,466	27,824	840	19
7,095	32,401,394	1,247,020	623,485	587,066	367,015	3,905	3,503,175	74,752	9,391	20
127	3,391,809	296,701	166,263	147,935	95,364	63	21,342	797	36	21
3,849	12,843,493	1,071,665	538,815	508,641	234,210	2,181	1,582,457	82,989	11,076	22
7,899	6,986,671	234,699	102,280	98,302	36,820	6,854	1,938,849	76,813	978	23
4,172	5,219,216	563,513	237,059	224,194	100,255	1,966	568,722	29,841	3,573	24
2,995	2,920,357	230,332	121,233	106,171	33,916	1,437	332,610	19,685	186	25
2,271	8,269,421	1,344,338	800,360	657,400	220,452	481	160,819	10,837	467	26
9,127	6,939,919	654,993	321,980	295,021	138,562	4,168	534,392	33,808	377	27
4,932	17,659,542	2,953,169	1,720,532	1,412,072	691,854	2,735	704,064	32,701	1,258	28
524	24,278,326	2,327,353	1,019,472	957,732	1,087,208	166	178,651	2,954	324	29
567	4,907,036	551,711	329,094	268,667	81,947	150	50,708	2,287	36	30
1,710	2,900,015	141,038	70,133	64,860	32,889	1,130	571,050	32,411	2,487	31
3,132	5,583,388	843,393	490,099	409,437	168,113	1,224	191,305	11,971	237	32
2,583	22,676,769	2,968,590	1,810,982	1,467,018	491,293	543	139,071	7,596	120	33
8,208	12,350,911	1,418,271	789,549	672,457	235,533	2,328	417,590	27,199	747	34
8,359	20,213,049	2,696,837	1,567,727	1,309,294	425,806	2,354	483,045	37,422	2,338	35
2,373	12,007,404	1,535,493	921,761	749,699	288,070	1,041	364,744	33,632	1,169	36
760	5,841,433	454,423	251,157	215,802	105,332	355	165,869	19,009	151	37
932	19,195,325	2,578,235	1,541,630	1,280,316	583,397	354	451,173	22,777	2,046	38
50	304,716	52,846	33,140	26,353	9,405	33	3,122	906	-----	39
1,388	2,986,380	412,574	242,198	200,301	76,622	634	96,105	7,102	60	40
5,959	5,078,601	437,247	221,365	197,949	74,069	3,986	519,589	34,978	611	41
17,189	34,516,766	4,785,134	2,305,533	2,250,154	1,783,459	9,639	1,704,548	99,193	6,670	42
12,237	20,555,406	2,091,739	1,005,941	963,741	487,870	7,117	1,550,834	83,467	5,272	43
449	11,427,126	1,190,930	576,841	569,647	324,344	161	330,541	27,174	74	44
49	294,494	15,040	5,714	5,658	6,556	33	141,513	5,873	2,242	45
6,996	3,396,391	211,142	94,243	85,708	23,517	3,287	516,515	21,205	1,335	46
1,709	1,011,435	97,134	40,144	38,744	34,953	2,021	213,784	10,817	383	47
112	502,586	125,859	68,296	62,204	20,883	30	49,369	486	18	48
1,156	2,145,713	259,424	125,953	113,492	50,377	453	113,280	7,270	625	49
340	1,127,399	125,575	64,281	59,235	15,807	447	98,340	5,165	276	50
1,376	633,308	64,069	29,351	27,942	11,104	643	83,303	5,355	300	51
50	16,954	2,566	1,118	1,111	329	42	4,189	122	19	52
2,752	5,133,917	898,921	423,335	419,728	394,519	1,498	74,065	8,348	652	53
1,543	4,238,890	800,960	375,725	375,418	379,775	1,003	14,422	662	53	54
7	247,348	11,460	5,229	4,461	7	7	3,887	919	-----	55
1,183	646,342	86,423	42,360	39,060	10,275	480	55,662	6,744	599	56
19	1,337	78	21	21	8	8	94	23	-----	57
966	8,604,059	1,749,717	858,586	849,168	886,908	260	64,371	5,085	672	58
484	6,287,303	1,366,344	675,087	668,773	675,939	99	21,638	1,127	122	59
482	2,316,756	383,373	183,499	180,395	210,969	161	42,733	3,958	550	60
1,234	223,384	44,757	17,671	17,517	14,162	764	15,278	2,293	74	61
989	159,069	38,669	15,638	15,547	13,034	580	5,229	1,283	74	62
245	64,315	6,088	2,033	1,970	1,128	184	10,049	1,010	-----	63

No. 428.—CORPORATION INCOME TAX RETURNS—NUMBER OF RETURNS, TOTAL  
BY INDUSTRIAL GROUPS:

[Money figures in

		1952 (preliminary)					1951
MAJOR INDUSTRIAL GROUP <sup>1</sup>		Total number of returns <sup>2</sup>	Total compiled receipts <sup>3</sup>	Returns with net income			Total number of returns <sup>2</sup>
				Number	Total compiled receipts <sup>3</sup>	Net income <sup>4</sup>	
64	Trade.....	221,314	168,657,120	148,365	150,826,391	4,858,728	216,309
65	Wholesale.....	72,126	84,649,873	50,178	75,380,696	2,076,600	71,592
66	Commission merchants.....	9,584	4,658,751	6,103	3,878,704	149,769	9,170
67	Other wholesalers.....	62,542	79,991,122	44,075	71,501,992	1,926,831	62,422
68	Food.....	(6)	(6)	(6)	(6)	(6)	8,939
69	Alcoholic beverages.....	(6)	(6)	(6)	(6)	(6)	2,205
70	Apparel and dry goods.....	(6)	(6)	(6)	(6)	(6)	5,771
71	Chemicals, paints, and drugs.....	(6)	(6)	(6)	(6)	(6)	2,918
72	Hardware, electrical goods, plumbing and heating equipment.....	(6)	(6)	(6)	(6)	(6)	6,295
73	Lumber, millwork, and construction materials.....	(6)	(6)	(6)	(6)	(6)	4,007
74	Machinery and equipment.....	(6)	(6)	(6)	(6)	(6)	6,240
75	Farm products (raw materials).....	(6)	(6)	(6)	(6)	(6)	3,532
76	Wholesalers not elsewhere classified.....	(6)	(6)	(6)	(6)	(6)	20,573
77	Wholesalers not allocable.....	(6)	(6)	(6)	(6)	(6)	1,942
78	Retail.....	131,454	75,492,280	86,194	67,945,544	2,555,472	129,228
79	Food.....	10,275	17,801,850	6,338	16,771,339	343,324	9,607
80	General merchandise.....	7,122	16,979,323	4,915	16,485,930	1,039,940	7,553
81	Department stores.....	(6)	(6)	(6)	(6)	(6)	2,589
82	Mail-order houses.....	(6)	(6)	(6)	(6)	(6)	552
83	Variety stores.....	(6)	(6)	(6)	(6)	(6)	751
84	Other general merchandise.....	(6)	(6)	(6)	(6)	(6)	3,661
85	Apparel and accessories.....	17,827	5,835,016	11,443	5,005,513	180,741	17,052
86	Furniture and house furnishings.....	11,683	3,207,490	7,603	2,539,891	100,457	11,886
87	Automotive dealers and filling stations.....	23,793	16,945,996	17,277	14,841,353	424,122	24,069
88	Automobiles and trucks.....	(6)	(6)	(6)	(6)	(6)	18,941
89	Parts, accessories, tires, batteries.....	(6)	(6)	(6)	(6)	(6)	2,381
90	Filling stations.....	(6)	(6)	(6)	(6)	(6)	2,747
91	Drug stores.....	6,040	1,822,803	4,368	1,680,697	53,928	5,608
92	Eating and drinking places.....	16,924	2,538,308	8,023	1,780,401	68,351	16,631
93	Building materials and hardware.....	15,251	4,962,163	11,397	4,430,448	187,762	14,819
94	Lumber and building materials.....	(6)	(6)	(6)	(6)	(6)	8,762
95	Hardware and farm equipment.....	(6)	(6)	(6)	(6)	(6)	6,057
96	Other retail trade.....	22,539	5,399,331	14,830	4,409,967	156,847	22,003
97	Liquor stores.....	(6)	(6)	(6)	(6)	(6)	2,868
98	Jewelry stores.....	(6)	(6)	(6)	(6)	(6)	2,846
99	Other retail stores.....	(6)	(6)	(6)	(6)	(6)	13,893
100	Retail trade not allocable.....	(6)	(6)	(6)	(6)	(6)	2,396
101	Trade not allocable.....	17,734	8,514,967	11,993	7,500,151	226,656	15,489
102	Finance, insurance, real estate, and lessors of real property.....	185,855	23,669,573	128,491	21,329,647	6,707,560	177,832
103	Finance.....	42,763	9,761,815	30,971	8,670,158	2,933,686	37,575
104	Banks and trust companies.....	14,806	5,709,450	13,989	5,440,404	1,495,330	14,657
105	Credit agencies other than banks.....	19,158	2,626,135	11,151	1,880,017	515,052	13,876
106	Holding and other investment companies.....	7,237	1,168,627	4,930	1,144,122	878,483	7,523
107	Security and commodity-exchange brokers and dealers.....	1,562	257,403	901	205,615	44,821	1,519
108	Insurance carriers and agents.....	11,538	9,234,918	8,791	8,800,252	2,767,346	10,865
109	Insurance carriers.....	2,660	8,651,513	2,288	8,290,086	2,695,018	2,645
110	Insurance agents and brokers.....	8,878	583,405	6,503	510,166	72,328	8,220
111	Real estate, except lessors of real property other than buildings.....	126,137	4,361,147	85,189	3,577,145	860,978	124,160
112	Lessors of real property, except buildings.....	5,417	311,893	3,540	282,092	145,550	5,232
113	Services.....	61,647	11,600,566	35,084	9,680,232	761,988	58,268
114	Hotels and other lodging places.....	6,827	1,688,633	3,912	1,408,594	118,985	6,648
115	Personal services.....	12,249	1,697,345	7,156	1,346,741	78,664	12,063
116	Business services.....	14,394	3,281,609	9,065	2,862,526	215,342	12,625
117	Automotive repair services and garages.....	5,629	596,979	3,593	509,395	43,926	4,923
118	Miscellaneous repair services, hand trades.....	3,190	428,846	1,877	320,231	20,106	2,911
119	Motion pictures.....	6,090	2,067,105	3,225	1,754,733	131,331	6,089
120	Amusement, except motion pictures.....	6,703	808,727	3,012	633,279	81,416	6,339
121	Other services, including schools.....	6,565	1,031,322	3,244	844,733	72,218	6,670
122	Nature of business not allocable.....	5,655	103,198	987	89,162	10,429	5,580

<sup>1</sup> See footnote 1, table 427.

<sup>2</sup> Includes returns with net income and returns with no net income.

<sup>3</sup> See footnote 1, table 426.



## COMPILED RECEIPTS, NET INCOME OR DEFICIT, INCOME TAX, AND DIVIDENDS PAID, 1951 AND 1952—Continued

thousands of dollars]

1951—continued										
Returns with net income						Returns with no net income				
Number of returns	Total compiled receipts <sup>3</sup>	Net income <sup>4</sup>	Taxes		Dividends paid <sup>5</sup>	Number of returns	Total compiled receipts <sup>3</sup>	Deficit <sup>4</sup>	Dividends paid <sup>5</sup>	
			Total	Income tax						
150,670	152,849,291	5,919,667	2,775,747	2,577,553	1,068,337	65,639	15,416,451	426,233	19,974	64
52,209	79,250,888	2,882,902	1,392,825	1,266,004	454,569	19,383	7,990,028	190,557	11,706	65
6,298	4,062,132	200,582	86,859	79,482	30,638	2,872	380,119	14,497	366	66
45,911	75,188,756	2,682,320	1,305,966	1,186,522	423,931	16,511	7,609,909	176,060	11,340	67
5,981	13,673,710	207,795	90,657	86,113	44,413	2,958	2,367,959	31,189	1,786	68
1,509	3,778,898	86,531	38,840	37,648	16,534	696	339,831	6,899	104	69
3,430	3,440,558	104,833	45,816	44,318	18,310	2,341	1,066,799	39,497	694	70
1,925	3,295,403	121,745	57,528	52,937	21,333	993	135,434	5,451	34	71
5,163	8,417,990	400,683	201,415	184,035	60,277	1,132	413,506	13,407	684	72
3,216	3,697,440	142,705	64,677	59,411	17,323	791	232,897	6,502	40	73
4,980	5,658,434	353,965	184,364	157,264	35,489	1,260	143,237	6,729	30	74
2,731	8,420,462	117,323	52,760	50,813	20,699	801	1,044,974	22,954	522	75
15,677	22,747,448	1,084,454	541,595	487,956	179,541	4,896	1,652,198	38,779	7,434	76
1,299	2,058,413	62,286	28,314	26,027	10,012	643	213,074	4,653	12	77
87,593	66,132,301	2,770,945	1,269,493	1,205,317	573,646	41,635	6,617,613	205,332	7,189	78
5,553	14,829,198	299,322	147,992	142,488	69,204	4,054	1,047,738	21,918	856	79
5,550	15,956,312	1,033,581	539,005	506,401	297,802	2,003	546,144	19,434	768	80
2,217	12,448,432	795,555	419,998	392,134	220,310	372	378,993	12,879	703	81
271	428,797	17,196	8,580	8,094	4,527	281	29,288	1,613	4	82
531	2,306,749	188,532	98,216	94,473	67,635	220	20,313	741	15	83
2,531	772,334	32,298	12,211	11,700	5,330	1,130	117,550	4,201	46	84
11,444	4,684,761	185,556	73,750	71,769	36,073	5,608	846,681	29,303	2,207	85
8,011	2,587,537	120,059	46,055	44,748	14,352	3,875	513,042	23,777	277	86
18,803	15,999,287	604,818	254,658	244,723	76,505	5,266	1,525,791	29,640	637	87
15,368	14,507,701	529,204	220,548	213,150	61,972	3,573	1,333,256	24,015	454	88
1,751	719,014	38,587	16,608	15,322	4,670	630	75,951	3,138	126	89
1,684	772,572	37,027	17,502	16,251	9,863	1,063	116,584	2,487	57	90
3,970	1,485,442	55,438	23,843	22,336	13,306	1,638	254,151	5,793	164	91
7,544	1,606,198	62,132	23,821	22,207	11,115	9,087	755,592	33,105	583	92
12,060	4,599,130	230,359	91,308	86,008	31,533	2,759	328,316	13,241	878	93
7,286	3,335,854	172,137	68,956	65,356	25,905	1,476	212,859	8,561	789	94
4,774	1,263,276	58,222	22,352	20,652	5,628	1,283	115,457	4,680	89	95
14,658	4,384,436	179,680	69,061	64,637	23,756	7,345	800,158	29,121	819	96
1,886	304,532	6,313	1,772	1,766	215	982	87,754	2,051	-----	97
1,898	490,028	26,694	10,242	9,650	4,721	948	102,858	6,218	103	98
9,184	2,886,202	121,839	48,024	44,600	15,404	4,709	478,454	17,019	328	99
1,690	703,674	24,834	9,023	8,621	3,416	706	131,092	3,833	388	100
10,868	7,466,102	265,820	113,429	106,232	40,122	4,621	808,810	30,344	1,079	101
125,858	18,379,566	6,187,604	1,543,189	1,495,524	1,692,617	51,974	1,977,044	254,660	34,882	102
30,219	7,493,782	2,763,875	907,191	882,162	1,265,434	7,356	112,239	47,215	9,311	103
14,180	4,553,334	1,316,984	574,787	555,576	421,018	477	25,155	4,681	1,748	104
9,668	1,543,285	460,019	211,204	207,450	110,099	4,208	31,323	17,747	2,699	105
5,430	1,213,294	953,554	110,628	109,386	727,234	2,093	15,871	13,983	4,637	106
941	183,869	33,318	10,572	9,750	7,083	578	39,890	10,804	227	107
8,333	7,183,775	2,411,079	274,699	266,421	195,146	2,532	1,122,391	53,043	13,918	108
2,211	6,699,672	2,339,863	248,233	241,646	175,686	434	1,072,480	46,636	13,760	109
6,122	484,103	71,216	26,466	24,775	19,460	2,098	49,911	6,407	158	110
83,794	3,423,831	860,492	290,258	280,484	153,052	40,366	704,842	146,115	11,386	111
3,512	278,178	152,158	71,041	66,457	78,985	1,720	37,572	8,287	267	112
33,265	8,862,184	768,450	329,074	306,806	178,793	25,003	1,809,810	135,793	2,151	113
3,784	1,325,004	119,839	50,036	48,286	21,896	2,864	315,454	20,861	81	114
7,278	1,324,683	79,183	29,658	27,680	12,252	4,785	384,308	16,401	131	115
7,671	2,506,514	216,543	98,063	88,952	44,067	4,954	330,867	24,446	452	116
3,165	461,572	39,038	13,113	12,517	3,319	1,758	74,815	4,701	64	117
1,780	355,312	22,234	9,042	8,232	3,121	1,131	57,265	3,336	27	118
3,320	1,618,094	149,506	64,009	62,214	67,022	2,769	319,231	32,943	482	119
2,732	523,216	75,425	34,800	32,563	17,481	3,607	173,249	19,152	658	120
3,535	747,789	66,682	30,353	26,362	9,635	3,135	154,621	13,953	256	121
1,069	89,319	14,006	4,771	4,597	2,130	4,511	29,353	13,593	1,509	122

<sup>4</sup> See footnote 2, table 426.<sup>5</sup> Paid in cash and assets other than own stock.<sup>6</sup> Not available.

## No. 429.—CORPORATION INCOME TAX RETURNS, BY STATES AND TERRITORIES: 1951

[Money figures in thousands of dollars. See headnote and footnotes, table 426]

DIVISION, STATE, OR TERRITORY <sup>1</sup>	Total number of returns <sup>2</sup>	RETURNS WITH NET INCOME				RETURNS WITH NO NET INCOME		
		Number of returns	Net income	Total tax	Dividends paid in cash and assets other than own stock	Number of returns	Deficit	Dividends paid in cash and assets other than own stock
<b>Total</b> .....	652, 376	439, 047	45, 333, 173	22,082,117	11,180,692	213, 329	1,787, 583	118, 768
<b>New England</b> .....	53, 881	38, 481	2, 755, 404	1, 132, 729	654, 531	20, 400	159, 774	14, 119
Maine.....	4, 115	2, 533	110, 639	50, 163	26, 941	1, 522	8, 466	818
New Hampshire.....	2, 367	1, 597	61, 939	29, 775	15, 116	770	5, 777	523
Vermont.....	1, 589	989	54, 472	21, 402	6, 381	600	4, 040	70
Massachusetts.....	32, 900	21, 052	1, 497, 076	578, 002	431, 070	11, 848	94, 010	7, 894
Rhode Island.....	5, 370	3, 472	190, 402	92, 975	35, 402	1, 898	21, 889	1, 372
Connecticut.....	12, 540	8, 778	840, 876	360, 412	139, 621	3, 762	25, 592	3, 442
<b>Middle Atlantic</b> .....	230, 244	143, 998	16, 905, 799	8, 036, 389	4, 529, 676	86, 246	672, 280	47, 308
New York.....	161, 996	99, 045	11, 954, 240	5, 633, 729	3, 523, 516	62, 951	483, 352	34, 917
New Jersey.....	38, 154	23, 971	1, 376, 003	536, 242	211, 020	14, 183	81, 856	3, 696
Pennsylvania.....	30, 094	20, 982	3, 575, 556	1, 866, 418	795, 140	9, 112	107, 072	8, 395
<b>East North Central</b> .....	120, 861	88, 049	12, 674, 789	6, 828, 433	2, 689, 334	32, 812	280, 054	15, 876
Ohio.....	32, 236	23, 870	3, 476, 693	1, 891, 961	712, 731	8, 366	65, 038	2, 292
Indiana.....	14, 176	10, 673	693, 147	337, 999	129, 128	3, 503	27, 624	1, 867
Illinois.....	39, 387	27, 634	3, 710, 210	1, 934, 526	861, 264	11, 753	106, 227	7, 758
Michigan.....	19, 033	14, 084	3, 845, 629	2, 194, 698	834, 801	4, 949	59, 077	3, 286
Wisconsin.....	16, 029	11, 788	949, 110	469, 249	151, 410	4, 241	22, 088	673
<b>West North Central</b> .....	47, 923	35, 009	2, 517, 572	1, 171, 931	573, 502	12, 914	109, 587	8, 168
Minnesota.....	11, 325	8, 162	659, 340	300, 773	173, 904	3, 163	25, 113	1, 050
Iowa.....	7, 464	5, 553	300, 670	130, 174	53, 759	1, 911	12, 179	490
Missouri.....	16, 344	11, 693	1, 096, 679	539, 912	246, 617	4, 651	44, 058	5, 156
North Dakota.....	1, 649	1, 283	23, 256	7, 149	3, 428	366	1, 449	12
South Dakota.....	2, 067	1, 523	27, 259	10, 845	5, 238	544	1, 885	41
Nebraska.....	4, 006	3, 134	143, 113	59, 120	31, 460	872	9, 293	789
Kansas.....	5, 068	3, 661	267, 255	123, 958	59, 096	1, 407	15, 610	630
<b>South Atlantic</b> .....	70, 763	50, 038	3, 845, 513	1, 833, 014	1, 016, 452	20, 725	176, 882	10, 053
Delaware.....	3, 146	2, 228	1, 133, 693	563, 545	448, 527	918	12, 805	920
Maryland.....	8, 655	6, 175	414, 602	193, 784	84, 513	2, 480	41, 301	4, 552
District of Columbia.....	4, 248	2, 851	196, 608	84, 426	44, 879	1, 397	9, 956	323
Virginia.....	9, 450	7, 259	480, 947	233, 528	98, 583	2, 191	17, 414	772
West Virginia.....	6, 134	4, 265	211, 082	101, 311	50, 707	1, 869	12, 067	1, 717
North Carolina.....	11, 092	8, 298	564, 783	265, 094	112, 194	2, 794	20, 603	452
South Carolina.....	4, 994	3, 617	202, 408	93, 912	29, 935	1, 377	10, 005	537
Georgia.....	7, 916	5, 867	363, 464	177, 618	97, 208	2, 049	16, 329	375
Florida.....	15, 128	9, 478	277, 926	119, 796	49, 906	5, 650	36, 402	405
<b>East South Central</b> .....	19, 689	14, 060	885, 720	413, 484	177, 910	5, 629	41, 685	3, 254
Kentucky.....	5, 358	3, 840	308, 167	148, 212	69, 532	1, 518	11, 669	1, 051
Tennessee.....	6, 789	4, 909	280, 917	124, 867	53, 759	1, 880	15, 072	1, 812
Alabama.....	4, 639	3, 247	236, 175	116, 068	44, 455	1, 392	10, 009	186
Mississippi.....	2, 903	2, 064	60, 461	24, 337	10, 164	839	4, 935	205
<b>West South Central</b> .....	35, 455	24, 970	2, 095, 581	977, 116	622, 466	10, 485	106, 119	3, 738
Arkansas.....	3, 297	2, 356	84, 852	36, 201	18, 279	941	5, 977	273
Louisiana.....	6, 737	4, 832	279, 828	127, 368	80, 622	1, 905	13, 947	162
Oklahoma.....	4, 857	3, 441	381, 939	189, 876	129, 636	1, 416	11, 936	331
Texas.....	20, 564	14, 341	1, 348, 962	623, 681	393, 929	6, 223	74, 259	2, 972
<b>Mountain</b> .....	17, 932	12, 190	588, 170	263, 734	138, 591	5, 742	43, 633	2, 181
Montana.....	2, 475	1, 701	51, 559	20, 671	11, 697	774	3, 942	563
Idaho.....	1, 819	1, 207	61, 335	26, 597	14, 326	612	4, 127	385
Wyoming.....	1, 275	1, 027	26, 202	10, 001	5, 250	248	2, 030	355
Colorado.....	5, 337	3, 647	256, 345	121, 611	68, 409	1, 690	11, 727	316
New Mexico.....	1, 279	907	31, 623	13, 007	7, 378	372	3, 713	34
Arizona.....	2, 149	1, 373	58, 059	26, 563	9, 190	776	5, 776	236
Utah.....	2, 732	1, 831	79, 056	34, 906	17, 816	901	7, 661	215
Nevada.....	866	497	23, 991	10, 378	4, 525	369	4, 657	77
<b>Pacific</b> .....	48, 944	31, 132	2, 983, 139	1, 389, 663	754, 424	17, 812	188, 471	13, 321
Washington.....	8, 801	5, 685	388, 786	167, 722	77, 422	3, 116	25, 933	3, 457
Oregon.....	5, 140	3, 269	232, 777	107, 921	38, 482	1, 871	14, 638	1, 546
California.....	35, 003	22, 178	2, 361, 576	1, 114, 020	638, 520	12, 825	147, 900	8, 318
Alaska.....	339	221	8, 249	3, 739	720	118	1, 417	17
Hawaii.....	1, 345	899	73, 237	31, 885	23, 086	446	7, 681	733

<sup>1</sup> Returns filed in a State may not be a complete coverage of all corporations whose principal place of business is located therein. A corporation may file an income tax return either in the collection district in which it has its principal place of business or in the collection district in which it has its principal office or agency.

<sup>2</sup> Includes returns with net income and returns with no net income.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*, Part 2.



## No. 430.—FEDERAL GIFT TAX RETURNS—SUMMARY: 1948 TO 1951

[Money figures and net gift classes in thousands of dollars]

ITEM	TOTAL				1951 TAXABLE RETURNS, NET GIFT CLASSES					1951 non-taxable returns, no net gifts
	1948	1949	1950	1951	Under 50	50 to 200	200 to 600	600 to 1,000	1,000 and over	
Number of returns <sup>1</sup> .....	26,200	31,547	39,056	41,703	7,158	963	192	20	27	33,343
Total gifts.....	740,923	708,381	1,064,200	999,518	237,887	126,967	69,248	16,749	65,374	483,292
Real estate.....	110,989	119,807	153,514	169,633	42,789	12,810	2,273		4,409	107,352
Stocks and bonds.....	399,622	339,208	573,667	523,149	115,933	77,397	51,548	15,797	51,997	210,475
Cash.....	138,313	142,608	198,664	174,175	43,860	20,842	7,237	934	3,599	97,703
Insurance.....	8,672	9,277	8,729	7,552	2,653	1,230	67		28	3,574
Miscellaneous.....	83,329	97,482	129,626	125,009	32,649	14,690	8,123	18	5,342	64,187
Gifts of taxpayer reported by spouse <sup>2</sup> .....	95,213	141,144	225,608	214,414	51,941	24,228	14,173	1,709	9,197	113,166
Gifts of spouse reported by taxpayer <sup>2</sup> .....	95,213	141,144	225,608	214,414	42,795	20,539	13,110	3,310	6,645	128,015
Exclusions <sup>3</sup> .....	130,497	190,694	243,033	258,170	53,530	11,115	2,030	239	485	190,770
Total gifts after exclusions.....	610,427	517,687	821,167	741,348	175,208	112,163	66,154	18,111	62,339	307,371
Deductions.....	401,279	339,652	483,448	437,217	94,184	22,415	4,732	1,557	6,960	307,371
Charitable gifts after exclusions.....	131,753	87,544	140,293	99,312	21,151	9,585	2,765	427	6,799	58,585
Marital deduction <sup>4</sup> .....	31,275	29,549	41,294	36,852	7,411	2,634	768	962	8	25,070
Specific exemption <sup>5</sup> .....	238,252	222,559	301,861	301,052	65,620	10,197	1,198	168	153	223,716
Net gifts.....	209,148	178,035	337,719	304,131	81,027	89,748	61,424	16,554	55,379	
Tax.....	45,338	36,087	77,605	67,426	9,457	17,360	14,919	4,408	21,283	

<sup>1</sup> A return is required of every citizen or resident who during the calendar year made gifts (or who is considered as having made gifts) to any one donee of more than \$3,000 in value or made gifts of future interests in property regardless of value. Similarly, a nonresident alien is required to file a return if gifts consist of property situated in the United States.

<sup>2</sup> By consent of both spouses who are citizens or residents, gifts of husband or wife to third party after Apr. 2, 1948, may be considered as made one-half by each.

<sup>3</sup> Exclusions are the first \$3,000 of gifts (other than gifts of future interests) made to any one donee during calendar year. In case of consent to divide gifts between husband and wife, each spouse is allowed an exclusion against his half of the gift to a common donee.

<sup>4</sup> Deduction allowed citizens or residents for gifts made after Apr. 2, 1948, to the donor's spouse.

<sup>5</sup> The specific exemption of \$30,000 less the sum of amounts allowed in prior years may be taken in one year or spread over a period of years, at option of donor. A nonresident alien donor is not entitled to this exemption.

## No. 431.—FEDERAL ESTATE TAX RETURNS—SUMMARY: 1938 TO 1951

[An estate tax return is required to be filed (1) for estate of every citizen and resident alien who died (a) in period Aug. 31, 1935, through Oct. 21, 1942, the value of whose gross estate exceeds \$40,000; and (b) on or after Oct. 22, 1942, value of whose gross estate exceeds \$60,000; and (2) for estate of every nonresident alien who died (a) prior to Oct. 22, 1942, any part of whose estate is situated in U. S., at date of death; and (b) on or after Oct. 22, 1942, only if gross estate situated in U. S., at date of death exceeds \$2,000. The estate of an individual who died after 5 p. m., June 6, 1932, is subject to 2 Federal estate taxes—basic tax and additional tax. Basic tax is computed at rates provided by Revenue Act of 1926, which rates are embodied in Internal Revenue Code as basic estate tax. Additional tax is excess of tentative tax computed at rates provided by act in force at date of death, over basic tax]

FILING PERIOD	RETURNS FILED		GROSS ESTATE (\$1,000)		NET TAXABLE ESTATE <sup>1</sup> (\$1,000)		TAX <sup>1</sup> (\$1,000)	
	Citizens <sup>2</sup> and resident aliens	Non-resident aliens <sup>3</sup>	Citizens <sup>2</sup> and resident aliens	Nonresident aliens <sup>3</sup>	Citizens <sup>2</sup> and resident aliens	Nonresident aliens <sup>3</sup>	Citizens <sup>2</sup> and resident aliens	Non-resident aliens <sup>3</sup>
1938.....	15,932	1,710	3,046,977	22,648	1,724,589	20,670	314,620	2,182
1939.....	15,221	1,705	2,746,143	21,745	1,537,975	20,347	276,707	2,231
1940.....	15,435	1,441	2,632,659	15,540	1,479,268	13,916	250,360	1,106
1941.....	15,977	1,145	2,777,657	15,783	1,561,215	14,553	291,758	1,641
1942.....	16,215	1,181	2,724,513	12,620	1,524,881	11,455	308,342	1,349
1943.....	15,187	846	2,627,367	10,471	1,396,697	8,703	362,164	1,212
1944.....	14,303	554	2,907,620	8,712	1,508,953	7,272	404,635	1,146
1945.....	15,898	652	3,436,901	13,524	1,900,159	10,997	531,052	1,876
1947 <sup>4</sup> .....	20,899	1,108	4,224,210	27,198	2,319,310	21,872	621,966	4,389
1948.....	23,356	1,025	4,774,783	16,266	2,584,595	12,602	714,707	1,825
1949.....	24,552	1,352	4,933,215	24,511	2,106,827	19,356	567,421	3,407
1950.....	25,858	1,286	4,918,094	24,157	1,916,645	18,192	483,520	3,229
1951.....	27,958	1,044	5,504,961	20,666	2,188,877	16,052	577,401	3,081

<sup>1</sup> Net taxable estate is net estate for additional tax plus regular net estate for returns filed under the 1926 and prior acts. Tax shown is total net estate tax liability—the sum of net basic tax and net additional tax—and includes defense tax (10 percent of net tax) effective only for estates of individuals who died in period June 26, 1940, through Sept. 20, 1941.

<sup>2</sup> Excludes returns for estates of nonresident citizens who died prior to May 11, 1934.

<sup>3</sup> Includes returns for estates of nonresident citizens who died prior to May 11, 1934.

<sup>4</sup> No data compiled for 1946.

Source of tables 430 and 431: Treasury Department, Internal Revenue Service; *Statistics of Income*, Part 1.

# No. 432.—ESTATE TAX RETURNS FOR ESTATES OF CITIZENS AND RESIDENT ALIENS, FILED DURING 1951

[Money figures and net estate before specific exemption classes in thousands of dollars. Excludes returns for estates of nonresident citizens who died prior to May 11, 1934. See also headnote, table 431]

ITEM	Total	Non-taxable	TAXABLE							Under 1942 and prior acts
			Under 1948 and subsequent acts, by net estate before specific exemption classes <sup>1</sup>							
			60 to 100	100 to 200	200 to 600	600 to 1,000	1,000 to 5,000	5,000 or more		
Number of returns.....	27, 958	9, 017	9, 822	5, 671	2, 646	360	271	23	148	
Gross estate.....	5, 504, 961	849, 069	1, 084, 531	1, 109, 686	1, 177, 195	353, 071	656, 612	258, 570	16, 226	
Selected items:										
Bequests to surviving spouse.....	1, 325, 145	436, 717	300, 385	251, 595	207, 620	50, 761	50, 843	27, 224	-----	
Adjusted gross estate.....	2, 417, 894	550, 509	454, 642	460, 796	479, 949	148, 419	220, 747	102, 831	-----	
Marital deduction.....	923, 210	258, 036	195, 085	183, 159	169, 231	43, 382	47, 093	27, 224	-----	
Charitable, public, and similar bequests.....	274, 398	68, 173	22, 133	29, 738	47, 531	10, 735	75, 099	20, 983	8	
Net deduction for property previously taxed <sup>2</sup> .....	39, 742	6, 200	10, 241	11, 483	9, 109	422	1, 997	36	255	
Specific exemption <sup>3</sup> .....	1, 677, 190	540, 960	589, 320	340, 260	158, 760	21, 600	16, 260	1, 380	8, 650	
Allowable deductions <sup>4</sup> .....	3, 479, 886	1, 012, 872	922, 143	676, 612	491, 392	104, 226	191, 373	70, 362	10, 906	
Net estate—										
Before specific exemption <sup>5</sup> .....	3, 702, 265	377, 157	751, 708	773, 334	844, 564	270, 445	481, 499	189, 584	13, 970	
For basic tax <sup>6</sup> .....	1, 669, 568	-----	1, 278	209, 010	580, 935	234, 463	454, 439	187, 285	2, 157	
For additional tax.....	2, 188, 712	-----	162, 388	433, 074	685, 804	248, 845	465, 239	188, 204	5, 155	
Gross tax before credits:										
Basic tax <sup>7</sup> .....	81, 475	-----	13	2, 483	14, 904	9, 310	30, 459	24, 263	43	
Additional tax.....	562, 880	-----	14, 141	78, 700	168, 720	67, 463	147, 247	85, 804	806	
Tax credits for—										
State, inheritance, etc., taxes.....	64, 535	-----	10	1, 968	11, 807	7, 392	23, 922	19, 411	27	
Federal gift taxes.....	1, 119	-----	25	155	379	218	300	42	1	
Foreign death duties.....	1, 301	-----	11	98	294	209	325	365	( <sup>8</sup> )	
Defense tax <sup>9</sup> .....	1	-----	-----	-----	-----	-----	-----	-----	1	
Tax liability.....	577, 401	-----	14, 108	78, 961	171, 145	68, 955	153, 158	90, 250	822	

<sup>1</sup> Classes are based on the sum of net estate and specific exemption, the net estate and specific exemption for additional tax being used when the estate is subject to both basic and additional tax. (See footnote 3.)

<sup>2</sup> Net deduction for property previously taxed is that computed for the purpose of the additional tax, except that for returns filed under 1926 and prior acts the deduction is that computed as provided under those acts.

<sup>3</sup> The specific exemption tabulated (a) for estates subject to additional tax is \$60,000 under 1942 and subsequent acts; \$40,000 under 1941, 1940, and 1935 acts; \$50,000 under 1934 and 1932 acts; and (b) for estates subject to earlier acts is \$100,000 under 1926 act; and \$50,000 under 1924 and prior acts.

<sup>4</sup> If the estate is subject to both basic and additional taxes, the amount of property previously taxed and specific exemption included in allowable deductions are those used for purpose of the additional tax.

<sup>5</sup> Net estate before specific exemption is the excess of gross estate over allowable deductions except specific exemption, the allowable deductions for additional tax being used when the estate is subject to both basic and additional taxes. For nontaxable returns, net estate (or no net estate) before specific exemption is a combination of positive and negative amounts.

<sup>6</sup> Net estate after deducting specific exemption of \$100,000, except for returns filed under 1924 or prior acts for which specific exemption is \$50,000. Includes the net estate for returns filed under the 1926 and prior acts.

<sup>7</sup> Gross basic tax includes the tax liability for returns taxed under the 1926 and prior acts.

<sup>8</sup> Less than \$500.

<sup>9</sup> Defense tax applies only to estates of individuals who died in the period June 26, 1940, through Sept. 20, 1941.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*, Part 1.



## No. 433.—PUBLIC DEBT OF THE UNITED STATES: 1800 TO 1954

[Money figures in millions of dollars except per capita. On basis of public debt accounts prior to 1920 and on basis of daily Treasury statements for 1920 and thereafter. See also *Historical Statistics*, series P 132-143]

JUNE 30—	GROSS DEBT			INTEREST PAID		JUNE 30—	GROSS DEBT			INTEREST PAID	
	Total amount	Per capita <sup>2</sup>	Interest bearing <sup>3</sup>	Total	Percent of Federal expenditures		Total amount	Per capita <sup>2</sup>	Interest bearing <sup>3</sup>	Total	Percent of Federal expenditures
1800-----	83	\$15.87	-----	3.37	31.3	1922-----	22,963	\$208.65	22,710	991.00	29.4
1810-----	53	7.46	-----	2.85	34.9	1923-----	22,350	199.64	22,007	1,055.92	32.0
1820-----	91	9.58	-----	5.13	28.1	1924-----	21,251	186.23	20,981	940.60	30.9
1830-----	49	3.83	-----	1.91	12.6	1925-----	20,516	177.12	20,211	881.81	28.8
1840-----	4	.21	-----	.17	.7	1926-----	19,643	167.32	19,384	831.94	26.9
1850-----	63	2.77	-----	3.78	9.6	1927-----	18,512	155.51	18,253	787.02	26.5
1855-----	36	1.30	35	2.31	3.9	1928-----	17,604	146.09	17,318	731.76	23.6
1860-----	65	2.06	65	3.18	5.0	1929-----	16,931	139.04	16,639	678.33	20.6
1865-----	2,678	75.01	2,218	77.40	6.0	1930-----	16,185	131.51	15,922	659.35	19.2
1870-----	2,436	61.06	2,036	129.24	41.7	1931-----	16,801	135.45	16,520	611.56	17.1
1875-----	2,156	47.84	1,709	103.09	37.5	1932-----	19,487	156.10	19,161	599.28	12.9
1880-----	2,091	41.60	1,710	95.76	35.8	1933-----	22,539	179.48	22,158	689.37	14.9
1885-----	1,579	27.86	1,182	51.39	19.7	1934-----	27,053	214.07	26,480	756.62	11.3
1890-----	1,122	17.80	711	36.10	11.4	1935-----	28,701	225.55	27,645	820.93	12.6
1895-----	1,097	15.76	716	30.98	8.7	1936-----	33,779	263.79	32,989	749.40	8.8
1900-----	1,263	16.60	1,023	40.16	7.7	1937-----	36,425	282.75	35,800	866.38	11.2
1905-----	1,132	13.51	895	24.59	4.3	1938-----	37,165	286.27	36,576	926.28	13.6
1906-----	1,143	13.37	895	24.31	4.3	1939-----	40,440	308.98	39,886	940.54	10.6
1907-----	1,147	13.19	895	24.48	4.2	1940-----	42,968	325.23	42,376	1,040.94	11.5
1908-----	1,178	13.28	898	21.43	3.3	1941-----	48,961	367.09	48,387	1,110.69	8.4
1909-----	1,148	12.69	913	21.80	3.1	1942-----	72,422	537.13	71,968	1,260.09	3.7
1910-----	1,147	12.41	913	21.34	3.1	1943-----	136,696	999.83	135,380	1,808.16	2.3
1911-----	1,154	12.29	915	21.31	3.1	1944-----	201,003	1,452.44	199,543	2,608.98	2.7
1912-----	1,194	12.52	964	22.62	3.3	1945-----	253,682	1,848.60	256,357	3,616.69	3.7
1913-----	1,193	12.27	966	22.90	3.2	1946-----	269,422	1,905.42	268,111	4,721.96	7.8
1914-----	1,188	11.99	968	22.86	3.1	1947-----	258,286	1,792.05	255,113	4,957.92	12.7
1915-----	1,191	11.85	970	22.90	3.0	1948-----	252,292	1,720.71	250,063	5,211.10	15.8
1916-----	1,225	12.02	972	22.90	3.1	1949-----	252,770	1,694.75	250,762	5,339.40	13.5
1917-----	2,976	28.77	2,713	24.74	1.3	1950-----	257,357	1,696.68	255,209	5,749.91	14.5
1918-----	12,244	117.11	11,986	189.74	1.5	1951-----	255,222	1,653.42	252,852	5,612.65	12.7
1919-----	25,482	242.54	25,234	619.22	3.3	1952-----	259,105	1,650.12	256,863	5,859.26	9.0
1920-----	24,299	228.23	24,063	1,020.25	15.9	1953-----	266,071	1,666.81	263,946	6,503.58	8.8
1921-----	23,977	220.91	23,739	999.14	19.5	1954-----	271,260	1,670.17	268,910	6,382.49	9.4

INTEREST-BEARING DEBT										
Public issues										
JUNE 30—	Total	Marketable					Nonmarketable			
		Bills	Certificates	Notes	Treasury bonds <sup>4</sup>	Other bonds <sup>5</sup>	U. S. savings bonds	Treasury savings notes	Treasury bonds, investment series	Other bonds <sup>6</sup>
1940-----	42,376	1,302	-----	6,383	26,555	196	2,905	-----	-----	261
1941-----	48,387	1,603	-----	5,698	30,215	196	4,314	-----	-----	241
1942-----	71,968	2,508	3,096	6,689	38,084	196	10,188	3,015	-----	307
1943-----	135,380	11,864	16,561	9,168	57,520	196	21,256	7,495	-----	448
1944-----	199,543	14,734	28,822	17,405	79,244	196	34,606	9,557	-----	692
1945-----	256,357	17,041	34,136	23,497	106,449	196	45,586	10,136	-----	505
1946-----	268,111	17,039	34,804	18,261	119,323	180	49,035	6,711	-----	427
1947-----	255,113	15,775	25,296	8,142	119,322	166	51,367	5,560	-----	2,118
1948-----	250,063	13,757	22,588	11,375	112,462	164	53,274	4,394	959	879
1949-----	250,762	11,536	29,427	3,596	110,425	162	56,260	4,860	954	765
1950-----	255,209	13,533	18,418	20,404	102,795	160	57,536	8,472	954	582
1951-----	252,852	13,614	9,509	35,806	78,833	156	57,572	7,818	14,526	366
1952-----	256,863	17,219	28,423	18,963	75,660	142	57,685	6,612	14,046	373
1953-----	263,946	19,707	15,854	30,425	81,225	124	57,886	4,453	13,288	447
1954-----	268,910	19,515	18,405	31,960	80,378	96	58,061	5,079	12,775	411

<sup>1</sup> Figures for 1800-1840 as of Jan. 1.

<sup>2</sup> Based on Bureau of Census estimated population for continental U. S. as of July 1 of each year beginning 1850.

<sup>3</sup> Excludes bonds issued to Pacific railways and Navy pension fund.

<sup>4</sup> Bank eligible bonds and beginning 1942 also includes bank restricted bonds.

<sup>5</sup> Comprises postal savings and Panama Canal bonds, and also conversion bonds prior to 1947.

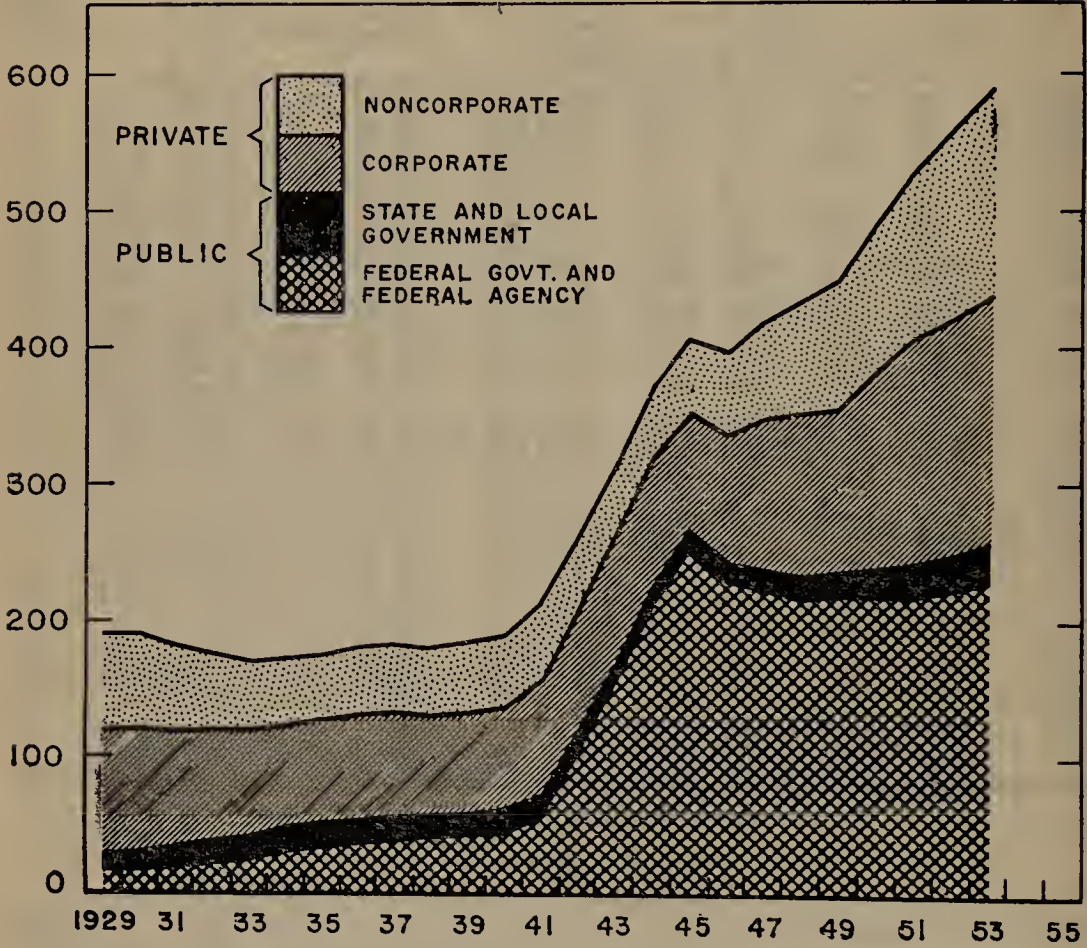
<sup>6</sup> Comprises depositary bonds, and adjusted service bonds until they matured on June 15, 1945. Also includes Armed Forces leave bonds for 1947-51.

Source: Treasury Department; *Annual Report of the Secretary*, Statement of the Public Debt published in *Daily Statement of the U. S. Treasury*, and *Treasury Bulletin*.

FIG. XXX.—NET PUBLIC AND PRIVATE DEBT, BY MAJOR COMPONENTS:  
1929 TO 1953

[See table 434]

BILLIONS OF DOLLARS



Source: Department of Commerce, Office of Business Economics.



## No. 434.—PUBLIC AND PRIVATE DEBT: 1929 to 1953

[In billions of dollars. Data as of end of calendar year except State and local government debt as of June 30. See text, p. 345]

YEAR	Public and private, total	PUBLIC			Total	PRIVATE					
		Total	Federal <sup>1</sup>	State and local		Corporate		Individual and noncorporate			
						Long-term	Short-term	Mortgage		Nonmortgage	
								Farm	Non-farm <sup>2</sup>	Farm <sup>3</sup>	Non-farm <sup>4</sup>
GROSS DEBT											
1929-----	214.0	34.7	17.5	17.2	179.3	56.6	50.4	9.6	31.2	2.6	28.9
1930-----	214.3	35.8	17.3	18.5	178.5	61.1	46.3	9.4	32.0	2.4	27.3
1931-----	203.3	38.6	19.1	19.5	164.7	60.1	40.3	9.1	30.9	2.0	22.4
1932-----	195.2	42.4	22.8	19.6	152.8	58.8	37.3	8.5	29.0	1.6	17.6
1933-----	190.5	47.5	27.7	19.8	143.0	57.2	35.2	7.7	26.3	1.4	15.2
1934-----	197.3	57.1	37.9	19.2	140.2	53.2	37.4	7.6	25.5	1.3	15.1
1935-----	200.2	61.0	41.7	19.3	139.2	52.0	37.8	7.4	24.7	1.5	15.7
1936-----	205.9	64.7	45.1	19.6	141.2	50.5	40.4	7.2	24.4	1.4	17.3
1937-----	208.5	67.4	47.8	19.6	141.1	51.5	38.7	7.0	24.3	1.6	18.0
1938-----	203.6	67.0	47.4	19.6	136.6	52.8	33.9	6.8	24.5	2.2	16.4
1939-----	207.7	70.1	50.1	20.0	137.6	52.1	34.7	6.6	25.0	2.2	17.0
1940-----	215.8	73.8	53.6	20.2	142.0	51.2	37.7	6.5	26.0	2.6	17.9
1941-----	242.3	89.2	69.0	20.2	153.1	51.2	46.3	6.4	27.2	2.9	19.2
1942-----	299.1	142.9	123.2	19.7	156.2	50.2	56.2	6.0	26.8	3.0	14.1
1943-----	364.5	205.4	186.7	18.7	159.1	48.4	62.0	5.4	26.2	2.8	14.4
1944-----	430.9	271.2	253.7	17.5	159.7	47.0	62.0	4.9	26.1	2.8	16.9
1945-----	463.3	309.2	292.6	16.6	154.1	45.3	54.2	4.8	27.0	2.5	20.4
1946-----	457.9	288.0	272.1	15.9	169.9	48.4	60.9	4.9	32.4	2.8	20.5
1947-----	486.1	286.6	269.8	16.8	199.5	55.0	73.2	5.1	38.7	3.5	24.0
1948-----	499.0	276.7	258.0	18.7	222.3	62.8	76.0	5.3	45.1	5.5	27.6
1949-----	520.0	287.0	266.1	20.9	233.0	67.7	71.8	5.6	50.6	6.4	30.8
1950-----	566.8	290.6	266.4	24.2	276.2	72.2	94.9	6.1	59.3	6.1	37.6
1951-----	609.3	297.2	270.2	27.0	312.1	79.5	112.3	6.6	67.4	7.0	39.4
1952-----	647.0	308.9	279.3	29.6	338.1	87.9	114.5	7.2	75.1	8.0	45.5
1953-----	682.8	322.0	289.3	32.7	360.8	95.3	116.1	7.7	83.6	9.1	49.0
NET DEBT											
1929-----	190.9	29.7	16.5	13.2	161.2	47.3	41.6	9.6	31.2	2.6	28.9
1930-----	191.0	30.6	16.5	14.1	160.4	51.1	38.2	9.4	32.0	2.4	27.3
1931-----	181.9	34.0	18.5	15.5	147.9	50.3	33.2	9.1	30.9	2.0	22.4
1932-----	174.6	37.9	21.3	16.6	136.7	49.2	30.8	8.5	29.0	1.6	17.6
1933-----	168.5	41.0	24.3	16.7	127.5	47.9	29.1	7.7	26.3	1.4	15.2
1934-----	171.4	46.3	30.4	15.9	125.1	44.6	30.9	7.6	25.5	1.3	15.1
1935-----	174.7	50.5	34.4	16.0	124.2	43.6	31.2	7.4	24.7	1.5	15.7
1936-----	180.3	53.9	37.7	16.2	126.4	42.5	33.5	7.2	24.4	1.4	17.3
1937-----	182.0	55.3	39.2	16.1	126.7	43.5	32.3	7.0	24.3	1.6	18.0
1938-----	179.6	56.5	40.5	16.0	123.1	44.8	28.4	6.8	24.5	2.2	16.4
1939-----	183.2	58.9	42.6	16.3	124.3	44.4	29.2	6.6	25.0	2.2	17.0
1940-----	189.9	61.3	44.8	16.5	128.6	43.7	31.9	6.5	26.0	2.6	17.9
1941-----	211.6	72.6	56.3	16.3	139.0	43.6	39.8	6.4	27.2	2.9	19.2
1942-----	259.0	117.5	101.7	15.8	141.5	42.7	49.0	6.0	26.8	3.0	14.1
1943-----	313.6	169.3	154.4	14.9	144.3	41.0	54.5	5.4	26.2	2.8	14.4
1944-----	370.8	226.0	211.9	14.1	144.8	39.8	54.3	4.9	26.1	2.8	16.9
1945-----	406.4	266.4	252.7	13.7	139.9	38.3	47.0	4.8	27.0	2.5	20.4
1946-----	397.4	243.3	229.7	13.6	154.1	41.3	52.2	4.9	32.4	2.8	20.5
1947-----	417.9	237.7	223.3	14.4	180.2	46.1	62.8	5.1	38.7	3.5	24.0
1948-----	434.0	232.7	216.5	16.2	201.3	52.5	65.3	5.3	45.1	5.5	27.6
1949-----	448.1	236.7	218.6	18.1	211.4	56.5	61.5	5.6	50.6	6.4	30.8
1950-----	490.7	239.4	218.7	20.7	251.3	60.1	81.9	6.1	59.3	6.1	37.6
1951-----	525.7	241.8	218.5	23.3	283.9	66.3	97.3	6.6	67.4	7.0	39.4
1952-----	556.1	248.7	222.9	25.8	307.4	73.2	98.5	7.2	75.1	8.0	45.5
1953-----	585.5	256.7	228.1	28.6	328.8	79.4	100.0	7.7	83.6	9.1	49.0

<sup>1</sup> Includes categories of debt not subject to statutory debt limit.

<sup>2</sup> Data are for noncorporate borrowers only.

<sup>3</sup> Comprises non-real-estate farm debt contracted for productive purposes and owed to institutional lenders (includes C. C. C. loans).

<sup>4</sup> Comprises debt incurred for commercial (nonfarm), financial and consumer purposes, including debt owed by farmers for financial and consumer purposes.

Source: Department of Commerce, Office of Business Economics (based upon data from various governmental agencies); *Survey of Current Business*, September 1953 and October 1954.

### No. 435.—OWNERSHIP IN PAR VALUE OF U. S. GOVERNMENT SECURITIES (DIRECT AND FULLY GUARANTEED): 1930 TO 1954

[In millions of dollars. As of June 30. Holdings of Federal Reserve Banks and U. S. Government agencies and trust funds are reported figures; holdings of other investor groups for 1940-1954 are estimates by Treasury Department]

ITEM	1930	1935	1940	1945	1950	1952	1953	1954
AMOUNT								
Gross debt, total <sup>1</sup> -----	16,185	32,824	48,496	259,115	257,377	259,151	266,123	271,341
U. S. Government agencies and trust funds: <sup>2</sup>								
Special issues-----	764	633	4,775	18,812	32,356	37,739	40,538	42,229
Public issues-----	237	1,389	2,305	6,128	5,474	6,596	7,022	7,111
Held by the public-----	15,184	30,802	41,416	234,175	219,547	214,816	218,563	222,001
Federal Reserve Banks-----	591	2,433	2,466	21,792	18,331	22,906	24,746	25,037
Commercial banks <sup>3</sup> -----	<sup>4</sup> 4,977	<sup>4</sup> 12,716	16,100	84,200	65,600	61,100	58,800	63,600
Mutual savings banks-----	<sup>4</sup> 519	<sup>4</sup> 1,542	3,100	9,600	11,600	9,600	9,500	9,100
Insurance companies-----	( <sup>5</sup> )	2,600	6,500	22,700	19,800	15,700	16,000	15,300
Other corporations-----	( <sup>5</sup> )	( <sup>5</sup> )	2,100	22,900	18,400	19,100	18,900	16,800
State and local governments-----	( <sup>5</sup> )	( <sup>5</sup> )	400	5,300	8,700	10,400	12,000	14,300
Individuals:								
Savings bonds <sup>6</sup> -----		( <sup>5</sup> )	2,600	40,700	49,900	49,000	49,300	49,600
Other securities-----	( <sup>5</sup> )	( <sup>5</sup> )	7,500	18,900	17,600	15,400	16,600	14,900
Miscellaneous investors <sup>7</sup> -----	( <sup>5</sup> )	( <sup>5</sup> )	700	8,300	9,700	11,600	12,800	13,400
PERCENT								
U. S. Government agencies and trust funds <sup>2</sup> -----	6.2	6.2	14.6	9.6	14.7	17.1	17.9	18.2
Banks-----	37.6	50.8	44.7	44.6	37.1	36.1	35.0	36.1
Federal Reserve-----	3.7	7.4	5.1	8.4	7.1	8.8	9.3	9.2
Commercial <sup>3</sup> -----	30.8	38.7	33.2	32.5	25.5	23.6	22.1	23.4
Mutual savings-----	3.2	4.7	6.4	3.7	4.5	3.7	3.6	3.4
Private nonbank investors-----	( <sup>5</sup> )	( <sup>5</sup> )	40.8	45.8	48.2	46.8	47.2	45.8
Insurance companies-----	( <sup>5</sup> )	7.9	13.4	8.8	7.7	6.1	6.0	5.6
Other corporations-----	( <sup>5</sup> )	( <sup>5</sup> )	4.3	8.8	7.1	7.4	7.1	6.2
Individuals-----	( <sup>5</sup> )	( <sup>5</sup> )	20.8	23.0	26.2	24.9	24.8	23.8
Other-----	( <sup>5</sup> )	( <sup>5</sup> )	2.3	5.2	7.1	8.5	9.3	10.2

<sup>1</sup> Includes all securities issued or guaranteed by U. S. Government, but excludes guaranteed securities held by the Treasury.

<sup>2</sup> Includes Postal Savings System.

<sup>3</sup> Includes holdings by banks in territories and insular possessions, which amounted to \$250,000,000 (0.4 percent) on June 30, 1954.

<sup>4</sup> Holdings for 1930 and 1935 are reported book values, and holdings of residual investors therefore deviate from par values in these years.

<sup>5</sup> Not available separately. Combined totals of these items as follows: 1930, \$9,097,000,000 (56.2 percent); and 1935, \$11,511,000,000 (35.1 percent).

<sup>6</sup> U. S. savings bonds, Series A-F and J, included at current redemption value.

<sup>7</sup> Includes savings and loan associations, dealers and brokers, foreign accounts, corporate pension funds, and nonprofit institutions.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

### No. 436.—MATURITY DISTRIBUTION OF PUBLIC MARKETABLE SECURITIES ISSUED OR GUARANTEED BY THE UNITED STATES GOVERNMENT: 1950 TO 1954

[In millions of dollars. As of June 30]

MATURING OR FIRST BECOMING CALLABLE	1950		1951		1952		1953		1954	
	Amount out-standing	Per-cent	Amount out-standing	Per-cent	Amount out-standing	Per-cent	Amount out-standing	Per-cent	Amount out-standing	Per-cent
Total-----	155,325	100.0	137,944	100.0	140,451	100.0	147,386	100.0	150,435	100.0
Within 1 year-----	42,448	27.3	60,860	44.1	70,944	50.5	76,017	51.6	63,291	42.1
1 to 5 years-----	51,802	33.4	31,022	22.5	29,434	21.0	30,162	20.5	38,407	25.5
5 to 10 years-----	15,926	10.3	16,012	11.6	13,321	9.5	13,018	8.8	27,113	18.0
10 to 15 years-----	19,281	12.4	21,226	15.4	20,114	14.3	26,546	18.0	19,937	13.3
15 to 20 years-----	25,853	16.6	8,797	6.4	6,594	4.7				
Over 20 years-----							1,592	1.1	1,606	1.1
Various (Federal Housing Administration debentures)-----	16	(1)	27	(1)	44	(1)	51	(1)	80	0.1

<sup>1</sup> Less than 0.05 percent.

Source: Treasury Department; *Annual Report of the Secretary* and records.



No. 437.—TOTAL OUTSTANDING OF INTEREST-BEARING SECURITIES ISSUED BY ALL GOVERNMENTAL UNITS, BY TAX STATUS AND ISSUER: 1913 TO 1954

[In millions of dollars. U. S. Govt. data on basis of public debt accounts prior to 1920; beginning 1920, on basis of *Daily Treasury Statement*. Figures represent par values except in the case of data which include U. S. savings bonds, Series A to F and J, which are included on basis of current redemption values]

JUNE 30—	Total out- stand- ing	TAX STATUS					ISSUER			
		Tax-exempt			Tax- able <sup>3</sup>	U. S. Govt. special issues	U. S. Govt.	Federal instrumen- talities		State, local, and territorial govern- ments <sup>6</sup>
		Total	Whol- ly <sup>1</sup>	Par- tially <sup>2</sup>				Guaran- teed <sup>4</sup>	Non- guaran- teed <sup>5</sup>	
1913.....	5, 523	5, 523	5, 523				966			4, 557
1915.....	6, 420	6, 420	6, 420				970			5, 450
1920.....	32, 253	32, 253	11, 303	20, 950			24, 063		401	7, 790
1925.....	34, 681	34, 586	16, 645	17, 941		95	20, 211		1, 506	12, 965
1930.....	35, 943	35, 179	23, 606	11, 573		764	15, 922		1, 871	18, 150
1935.....	53, 283	52, 650	34, 446	18, 204		633	27, 645	4, 123	2, 399	19, 116
1939.....	67, 362	63, 583	30, 873	32, 710	9	3, 770	39, 886	5, 450	2, 265	19, 761
1940.....	70, 117	65, 327	30, 240	35, 087	15	4, 775	42, 376	5, 498	2, 199	20, 044
1941.....	76, 954	62, 855	26, 823	36, 032	7, 979	6, 120	48, 387	6, 360	2, 200	20, 007
1942.....	98, 244	58, 594	25, 498	33, 096	31, 766	7, 885	71, 968	4, 549	2, 210	19, 517
1943.....	159, 858	55, 322	23, 052	32, 270	93, 665	10, 871	135, 380	4, 092	1, 852	18, 534
1944.....	219, 826	47, 326	19, 837	27, 489	158, 213	14, 287	199, 543	1, 516	1, 453	17, 314
1945.....	274, 191	42, 847	17, 191	25, 656	212, 532	18, 812	256, 357	409	1, 008	16, 417
1946.....	285, 407	37, 250	15, 916	21, 335	225, 824	22, 332	268, 111	467	1, 093	15, 736
1947.....	272, 274	37, 685	16, 746	20, 939	207, 222	27, 366	255, 197	(7)	497	16, 580
1948.....	269, 358	36, 389	18, 563	17, 826	202, 758	30, 211	250, 132	(7)	827	18, 399
1949.....	272, 199	36, 887	20, 700	16, 187	202, 536	32, 776	250, 785	(7)	876	20, 538
1950.....	279, 776	36, 841	23, 964	12, 877	210, 579	32, 356	255, 226	(7)	746	23, 804
1951.....	280, 887	36, 120	26, 844	9, 276	210, 114	34, 653	252, 879	(7)	1, 320	26, 688
1952.....	287, 344	36, 761	29, 359	7, 402	212, 843	37, 739	256, 907	(7)	1, 220	29, 217
1953.....	297, 407	39, 070	32, 392	6, 678	217, 799	40, 538	263, 997	(7)	1, 142	32, 268
1954.....	307, 343	43, 486	37, 489	5, 997	221, 628	42, 229	268, 990	(7)	960	37, 393

<sup>1</sup> Interest is exempt from both normal and surtax rates of Federal income tax.

<sup>2</sup> Interest is exempt only from normal rates of Federal income tax.

<sup>3</sup> Interest is subject to both normal and surtax rates of Federal income tax.

<sup>4</sup> Excludes securities held by Treasury.

<sup>5</sup> Includes Federal land bank bonds only through June 30, 1946; on June 27, 1947, United States proprietary interest in these banks ended. Excludes stocks and interagency loans.

<sup>6</sup> Wholly tax-exempt. Excludes obligations of Philippine Islands after June 30, 1946, and Puerto Rico after June 30, 1952.

<sup>7</sup> Included with U. S. Govt.

Source: Treasury Department; *Annual Report of the Secretary*.

# No. 438.—U. S. SAVINGS BONDS—SALES AND REDEMPTIONS (CUMULATIVE), WITH SELECTED CHARACTERISTICS, AS OF DECEMBER 31, 1954

[In millions of dollars except as indicated. On basis of *Daily Treasury Statement*. Series A through F and J sales shown at issue price and total redemptions and amounts outstanding at current redemption values. Series G, H, and K shown at face value. Series A to D sold from March 1935 through April 1941 and Series E, F, and G sold beginning May 1941. Beginning May 1, 1952, rate of interest accrual on Series E increased and Series F and G replaced by two new issues, Series J and K. A new current income bond, Series H, sold since June 1, 1952. Interest accrues semiannually until redemption or maturity for Series E, F, and J; is payable semiannually by Treasury check for Series G, H, and K]

ITEM	Total, series A to K	Series A to D	Series E and H	Series F and G	Series J and K
Sales plus accrued discount.....	121,236	5,003	84,977	31,256	
Sales.....	110,772	3,949	76,352	30,472	
Accrued discount.....	10,464	1,054	8,626	784	
Redemptions <sup>2</sup> .....	62,873	4,936	46,744	11,198	
Amount outstanding:					
Interest-bearing debt.....	57,672		38,233	19,439	
Matured debt.....	686	67		619	
Percent of redemptions to sales plus accrued discount <sup>3</sup> .....			55.01	27.43	
BOND CHARACTERISTICS					
Yield <sup>4</sup> (percent).....			3	2½	2¾
Maturity (years from issue date).....			9½	12	12
Limitation on holdings <sup>5</sup> (dollars).....			20,000 (E)	100,000 (F)	200,000 (J)
Minimum denomination (dollars).....			500 (H)	100 (G)	500 (K)

<sup>1</sup> Includes exchanges of matured Series E bonds for Series G bonds beginning May 1951 and for Series K bonds beginning May 1952.

<sup>2</sup> Matured bonds included in redemptions.

<sup>3</sup> Interest-bearing series only.

<sup>4</sup> Approximate yield if held to maturity.

<sup>5</sup> Bonds originally issued to any one investor in any one calendar year.

<sup>6</sup> Maturity value.

<sup>7</sup> Issue price for the series combined.

Source: Treasury Department; *Treasury Bulletin* and records.

# No. 439.—U. S. SAVINGS BONDS—AMOUNTS OUTSTANDING, SALES, ACCRUED DISCOUNT, AND REDEMPTIONS AND MATURITIES, 1935 TO 1954, AND BY QUARTERS, 1952 TO 1954

[In millions of dollars. Includes data for Series A to D not shown separately; these series have not been issued since April 1941. See also headnote, table 438]

PERIOD	Amounts outstanding at end of period (all series) <sup>1</sup>	FUNDS RECEIVED FROM SALES DURING PERIOD				Accrued discounts during period (all series)	Redemp- tions during period (all series)
		All series	Series E and H	Series F and J	Series G and K		
1935-41.....	6,140	6,486	3 1,145	3 208	3 1,185	201	547
1942.....	15,050	9,157	5,989	652	2,516	102	349
1943.....	27,363	13,729	10,344	745	2,640	169	1,585
1944.....	40,361	16,044	12,380	773	2,891	295	3,341
1945.....	48,183	12,937	9,822	595	2,520	484	5,558
1946.....	49,776	7,427	4,466	325	2,637	640	6,427
1947.....	52,053	6,694	4,085	342	2,267	742	5,126
1948.....	55,051	7,295	4,224	498	2,573	872	5,144
1949.....	56,707	5,833	4,208	233	1,392	981	5,101
1950.....	58,019	6,074	3,668	417	1,990	1,104	5,840
1951.....	57,587	3,961	3,190	124	4 646	1,181	5,651
1952.....	57,940	4,161	3,575	129	4 458	1,220	5,074
Mar.....	57,680	1,113	936	35	141	296	1,332
June.....	57,685	970	810	35	126	316	1,292
Sept.....	57,758	1,053	915	29	110	294	1,284
Dec.....	57,940	1,027	915	30	82	315	1,166
1953.....	57,710	4,800	4,368	432		1,237	6,149
Mar.....	58,371	1,358	1,200	159		299	1,234
June.....	57,886	1,124	1,031	92		321	1,937
Sept.....	57,795	1,141	1,059	83		299	1,535
Dec.....	57,710	1,176	1,077	98		319	1,441
1954.....	57,672	6,173	4,889	1,284		1,236	6,985
Mar.....	57,902	1,678	1,381	298		299	1,862
June.....	58,061	1,498	1,136	362		319	1,676
Sept.....	58,088	1,518	1,175	343		299	1,799
Dec.....	57,672	1,479	1,198	281		322	1,650

<sup>1</sup> Interest-bearing debt.

<sup>2</sup> Comprises both matured and unmatured bonds.

<sup>3</sup> 1941 only.

<sup>4</sup> Includes exchanges of matured Series E bonds for Series G bonds beginning May 1951 and for Series K bonds beginning May 1952.

Source: Treasury Department; monthly data published currently in *Treasury Bulletin* and *Federal Reserve Bulletin*.



No. 440.—U. S. SAVINGS BONDS—SERIES E AND H, CUMULATIVE SALES, 1941-1954,  
AND ANNUAL SALES, 1950 TO 1954, BY STATES

[In thousands of dollars. Data are for calendar years and represent issue price on basis of *Daily Treasury Statement*. See also headnote, table 438]

STATE	1941-54, total	1950	1951	1952	1953	1954
<b>Total.....</b>	<b>76,351,710</b>	<b>3,668,087</b>	<b>3,190,490</b>	<b>3,574,839</b>	<b>4,367,536</b>	<b>4,889,120</b>
Alabama.....	776,846	27,779	24,669	27,888	34,799	39,306
Arizona.....	264,145	12,157	9,578	10,967	15,763	16,251
Arkansas.....	462,417	20,472	17,146	18,310	23,499	26,761
California.....	5,495,888	222,895	178,399	188,079	245,797	283,671
Colorado.....	596,497	30,426	22,998	24,015	32,738	35,391
Connecticut.....	1,241,455	48,069	46,564	51,451	57,510	61,838
Delaware.....	171,856	8,032	6,463	6,943	8,799	10,252
District of Columbia.....	888,541	41,858	35,242	37,394	41,058	41,458
Florida.....	903,221	41,976	34,053	38,007	51,855	61,071
Georgia.....	878,204	35,428	33,915	36,490	45,359	48,292
Idaho.....	212,610	6,983	4,962	5,222	8,627	10,483
Illinois.....	6,029,506	329,891	261,841	295,710	385,204	449,378
Indiana.....	2,063,492	96,021	88,411	101,823	131,937	149,086
Iowa.....	2,002,461	103,970	76,711	82,001	123,795	152,337
Kansas.....	1,176,967	61,463	43,994	53,172	76,888	82,839
Kentucky.....	811,096	38,012	31,508	35,323	45,879	53,872
Louisiana.....	777,367	32,081	26,041	28,938	35,534	40,729
Maine.....	305,828	12,913	11,071	11,874	13,218	15,103
Maryland.....	937,988	39,682	37,032	41,566	53,342	54,944
Massachusetts.....	2,309,433	102,269	90,442	98,902	101,611	106,701
Michigan.....	4,075,217	195,844	193,313	208,031	263,134	295,597
Minnesota.....	1,565,323	75,746	54,197	58,264	74,331	88,998
Mississippi.....	476,914	18,324	15,385	18,145	23,677	26,494
Missouri.....	2,024,787	107,584	86,746	99,037	123,856	144,054
Montana.....	381,275	17,329	12,878	15,920	22,323	27,773
Nebraska.....	1,079,943	56,844	45,272	52,378	88,564	110,946
Nevada.....	85,774	3,656	3,178	3,255	4,207	5,847
New Hampshire.....	190,297	7,046	7,085	7,740	7,866	8,988
New Jersey.....	2,819,639	148,099	130,461	141,524	163,411	187,927
New Mexico.....	174,506	8,556	7,066	7,316	9,597	11,254
New York.....	9,003,462	454,479	389,848	406,060	447,462	493,639
North Carolina.....	907,991	35,431	32,299	33,115	40,689	43,466
North Dakota.....	392,029	18,230	13,506	15,143	19,728	24,158
Ohio.....	4,652,523	220,192	214,457	233,288	286,005	319,779
Oklahoma.....	923,147	47,086	36,328	39,671	56,139	60,784
Oregon.....	807,583	28,996	22,627	21,722	27,505	34,145
Pennsylvania.....	5,998,363	317,514	300,783	318,471	379,109	411,483
Rhode Island.....	379,280	17,248	14,332	14,418	14,749	15,246
South Carolina.....	455,685	17,022	16,196	19,623	24,050	23,065
South Dakota.....	443,152	24,086	18,465	20,198	27,579	33,728
Tennessee.....	840,478	32,513	28,330	30,376	38,838	45,301
Texas.....	2,775,500	121,277	95,581	104,016	134,677	153,477
Utah.....	303,104	11,099	9,968	12,282	15,653	16,707
Vermont.....	108,014	3,768	3,703	3,784	4,050	4,869
Virginia.....	1,252,980	51,838	49,651	55,552	67,525	72,178
Washington.....	1,351,190	52,621	44,743	46,517	55,954	71,435
West Virginia.....	714,306	38,766	37,555	37,711	46,244	51,996
Wisconsin.....	1,717,369	82,874	66,739	77,271	101,510	120,442
Wyoming.....	155,265	8,181	6,345	6,415	8,302	8,856
Canal Zone.....	47,677	3,158	1,990	1,795	1,733	2,035
Hawaii.....	341,747	9,545	11,728	12,804	13,562	15,279
Puerto Rico.....	47,322	1,102	1,284	1,507	1,951	1,907
Virgin Islands.....	2,243	56	59	63	88	71
Other possessions.....	34,468	798				
Adjustment to Daily Treasury State- ment.....	+1,517,339	+118,821	+137,362	+257,344	+240,274	+217,433

Source: Treasury Department; *Annual Report of the Secretary and Treasury Bulletin*.

### No. 441.—CIVILIAN EMPLOYMENT AND PAYROLLS OF THE FEDERAL GOVERNMENT, BY BRANCH: 1947 TO 1954

[Includes data for employees outside continental United States. Represents number in active-duty status as of last day of month, including intermittent employees who worked during month. Excludes employees of Central Intelligence Agency for security reasons. Employees of General Accounting Office and Government Printing Office included with legislative branch]

YEAR AND MONTH	EMPLOYMENT <sup>1</sup> (1,000)				PAYROLLS (\$1,000)			
	Total	Execu- tive	Legis- lative	Judicial	Total	Execu- tive	Legis- lative	Judicial
1947-----	2,145	2,116	25	3	5,889,785	5,787,175	87,916	14,694
1948-----	2,080	2,053	24	3	6,154,608	6,049,488	88,938	16,182
1949-----	2,083	2,055	24	4	6,644,156	6,530,362	96,632	17,162
1950-----	2,079	2,052	23	4	6,965,634	6,845,734	101,067	18,833
1951-----	2,473	2,446	23	4	8,938,034	8,814,371	103,468	20,195
1952-----	2,603	2,577	23	4	9,964,178	9,833,987	108,771	21,420
1953-----	2,567	2,541	22	4	9,781,974	9,652,140	108,656	21,178
January-----	2,649	2,623	22	4	833,019	822,223	9,028	1,768
February-----	2,635	2,609	22	4	772,960	762,892	8,431	1,636
March-----	2,615	2,589	23	4	837,983	827,078	9,131	1,775
April-----	2,592	2,565	23	4	826,379	815,420	9,172	1,786
May-----	2,568	2,542	22	4	806,651	795,952	8,980	1,719
June-----	2,558	2,532	22	4	829,647	818,499	9,350	1,798
July-----	2,541	2,514	22	4	841,320	829,816	9,674	1,830
August-----	2,519	2,493	22	4	790,501	779,879	8,800	1,822
September-----	2,488	2,462	22	4	806,741	796,085	9,035	1,621
October-----	2,468	2,442	22	4	793,457	782,659	9,005	1,793
November-----	2,447	2,421	22	4	763,516	753,017	8,752	1,747
December-----	2,726	2,700	22	4	879,801	868,620	9,299	1,881
1954-----	2,424	2,398	22	4	9,454,654	9,322,248	110,466	21,940
January-----	2,425	2,399	22	4	762,745	752,283	8,721	1,741
February-----	2,418	2,392	22	4	734,232	724,035	8,517	1,680
March-----	2,415	2,389	22	4	809,455	798,181	9,417	1,857
April-----	2,409	2,383	22	4	787,772	776,833	9,167	1,773
May-----	2,403	2,377	22	4	756,323	745,603	8,938	1,783
June-----	2,408	2,382	22	4	787,633	776,513	9,334	1,835
July-----	2,402	2,376	22	4	782,609	771,128	9,601	1,880
August-----	2,390	2,364	22	4	781,765	770,512	9,422	1,831
September-----	2,369	2,343	22	4	787,834	776,634	9,326	1,873
October-----	2,373	2,347	22	4	763,671	752,801	9,037	1,833
November-----	2,393	2,367	22	4	790,074	778,828	9,352	1,893
December-----	2,686	2,659	22	4	910,492	898,897	9,634	1,961

<sup>1</sup> Average for year or as of last of month.

Source: Civil Service Commission; *Monthly Report of Employment* and records.

### No. 442.—CIVILIAN EMPLOYMENT AND PAYROLLS OF THE FEDERAL GOVERNMENT: 1929 TO 1952

[Includes data for employees outside continental United States, force-account (temporary) construction workers, and fourth-class postmasters. See also *Historical Statistics* series P 71-72, P 82-83. Series no longer compiled; see table 441 for current series compiled by Civil Service Commission]

YEAR	Employ- ment <sup>1</sup>	Pay- rolls <sup>2</sup>	YEAR	Employ- ment <sup>1</sup>	Pay- rolls <sup>2</sup>	YEAR	Employ- ment <sup>1</sup>	Pay- rolls <sup>2</sup>
	1,000	\$1,000		1,000	\$1,000		1,000	\$1,000
1929-----	596	1,079,794	1937-----	902	1,613,699	1945-----	3,569	8,153,686
1930-----	611	1,117,830	1938-----	900	1,626,622	1946-----	2,704	6,754,625
1931-----	624	1,128,630	1939-----	969	1,757,292	1947-----	2,153	5,966,107
1932-----	622	1,059,138	1940-----	1,078	1,978,152	1948-----	2,067	6,223,486
1933-----	630	972,126	1941-----	1,433	2,524,903	1949-----	2,101	6,705,700
1934-----	719	1,169,370	1942-----	2,233	4,431,091	1950-----	2,081	7,026,908
1935-----	820	1,417,991	1943-----	3,165	7,858,131	1951-----	2,466	8,994,754
1936-----	894	1,604,860	1944-----	3,337	8,301,111	1952-----	2,612	-----

<sup>1</sup> Average for year.

<sup>2</sup> Total for year.

Source: Department of Labor, Bureau of Labor Statistics.



**No. 443.—TOTAL PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT,  
by AGENCY: 1948 TO 1954**

[As of June 30. See headnote, table 441. See also *Historical Statistics*, series P 62]

AGENCY	1948	1949	1950	1951	1952	1953	1954
<b>Total, all agencies</b> .....	2,071,009	2,102,109	1,960,708	2,482,666	2,600,612	2,558,416	2,407,676
Legislative branch.....	23,551	23,382	22,896	22,835	22,517	22,312	21,972
Judicial branch.....	3,477	3,579	3,772	3,930	3,963	3,954	4,045
Executive branch.....	2,043,981	2,075,148	1,934,040	2,455,901	2,574,132	2,532,150	2,381,659
<b>Executive Office of the President:</b>							
White House Office.....	210	223	295	259	245	248	266
Bureau of the Budget.....	561	509	520	522	498	457	419
Committee on Retirement Policy for Federal Personnel.....						19	7
Council of Economic Advisers.....	43	37	36	41	34		26
Executive Mansion and Grounds.....	60	59	64	67	121	105	109
Missouri Basin Survey Commission.....					15		
National Security Council.....	19	17	17	19	23	24	28
National Security Resources Board.....	208	322	324	114	178		
Office of Defense Mobilization.....				112	161	364	316
Office of the Director for Mutual Security.....					78	125	
Office of Government Reports.....	17						
President's Advisory Committee on Government Organization.....							4
President's Airport Commission.....					1		
President's Commission on the Health Needs of the Nation.....					57		
President's Commission on In- ternal Security and Individual Rights.....				6			
President's Materials Policy Com- mission.....				79			
<b>Emergency war agencies:</b>							
Office of Defense Transportation.....	45	6					
Philippine Alien Property Admin.....	142	97	79	(1)			
War Assets Administration.....	17,129	2,539					
<b>Executive departments:</b>							
Agriculture.....	82,408	86,518	84,373	81,350	78,559	78,404	* 76,276
Commerce.....	40,872	46,830	60,814	64,700	65,172	55,119	41,865
Department of Defense:							
Office of the Secretary of Defense.....	962	1,530	1,750	2,166	2,253	1,986	1,893
Department of the Army.....	401,972	368,935	303,599	521,018	543,853	570,295	495,273
Department of the Navy.....	346,925	343,356	293,347	451,586	481,326	448,874	413,134
Department of the Air Force.....	121,103	166,054	154,453	260,728	309,663	310,913	298,592
Health, Education, and Welfare.....						35,408	35,442
Interior.....	56,771	58,502	66,255	64,511	61,356	59,366	57,498
Justice.....	26,227	25,925	26,402	31,648	32,194	30,423	31,022
Labor.....	4,467	3,606	6,133	7,712	7,815	5,542	5,129
Post Office.....	474,911	501,743	484,679	482,281	507,779	506,555	507,135
State.....	21,835	21,203	24,628	29,324	31,302	30,938	20,406
Treasury.....	90,245	89,682	89,298	92,460	89,460	85,490	80,893
<b>Independent agencies:</b>							
American Battle Monuments Com.....	121	158	475	814	893	994	873
Atomic Energy Commission.....	5,018	4,634	4,991	5,709	6,734	6,941	6,195
Board of Governors, Federal Re- serve System.....	515	541	563	594	580	582	573
Canal Zone Government.....					2,529	2,415	2,123
Civil Aeronautics Board.....	628	678	629	537	582	553	540
Civil Service Commission.....	4,089	4,039	3,487	3,428	4,694	4,702	4,384
Comm. on Intergov'tal Relations.....							42
Commission on Renovation of the Executive Mansion.....			5	13	6		
Committee on Government Con- tract Compliance.....					11	6	
Defense Materials Procurement Agency.....					158	71	
Defense Production Administration.....				388	464		
Defense Transport Administration.....				187	216	85	27
Displaced Persons Commission.....		256	257	346	107		
Economic Cooperation Admin.....	571	3,672	4,625	5,524	(3)	1,505	
Economic Stabilization Agency.....				10,324	17,297	137	133
Export-Import Bank.....	125	126	130	133	136		1,101
Farm Credit Administration.....					1,108	764	704
Federal Civil Defense Admin.....				617			
Federal Coal Mine Safety Board of Review.....						8	8
Federal Communications Comm.....	1,380	1,340	1,286	1,205	1,138	1,070	1,146
Federal Deposit Insurance Corp.....	1,095	1,087	1,066	1,029	1,013	1,043	1,017
Federal Mediation and Concilia- tion Service.....	383	364	336	369	370	380	363
Federal Power Commission.....	809	791	735	744	699	631	661
Federal Security Agency.....	33,457	34,728	32,589	35,594	34,153	(4)	
Federal Trade Commission.....	574	657	642	751	680	642	596
Federal Works Agency.....	22,406	24,063	(5)				
Foreign Operations Administration.....							5,856

See footnotes at end of table.

No. 443.—TOTAL PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT,  
BY AGENCY: 1948 to 1954—Continued

AGENCY	1948	1949	1950	1951	1952	1953	1954
<b>Independent agencies—Continued</b>							
General Services Administration			21,863	30,370	29,142	28,956	26,765
Government Contract Committee							12
Housing and Home Finance Agency	11,685	11,310	13,578	13,446	12,626	12,053	10,715
Indian Claims Commission	11	11	10	11	10	11	14
Information Agency							9,539
Interstate Commerce Commission	2,301	2,184	2,112	2,150	2,093	1,910	1,868
Maritime Commission	11,761	6,122	( <sup>6</sup> )				
Motor Carrier Claims Commission			19	15	10		
Mutual Security Agency					5,303	4,465	( <sup>7</sup> )
National Advisory Committee for Aeronautics	6,264	6,938	7,295	7,705	7,654	7,026	7,161
National Archives	341	362	( <sup>6</sup> )				
Nat'l Capital Housing Authority	282	310	317	327	353	349	313
Nat'l Capital Planning Commission	8	6	9	10	7	4	20
Nat'l Capital Sesquicentennial Commission		2	123	214	13		
National Labor Relations Board	1,992	1,523	1,489	1,500	1,173	1,390	1,224
National Mediation Board	109	111	127	113	114	108	116
National Science Foundation				43	117	181	188
National Security Training Comm.					6	1	5
Office of the Housing Expediter	4,568	5,226	2,642	2,492	( <sup>9</sup> )		
Office of Selective Service Records	758	( <sup>9</sup> )					
Panama Canal	16,130	15,210	13,752	13,467	( <sup>10</sup> )		
Panama Canal Company					16,869	15,435	13,729
Panama Canal Railroad Company	7,347	6,903	6,102	6,765	( <sup>10</sup> )		
Philippine War Damage Comm.	908	1,046	493				
Railroad Retirement Board	2,599	2,386	2,276	2,113	2,199	2,178	2,255
Reconstruction Finance Corp.	5,382	4,601	4,622	2,682	2,545	2,045	1,018
Renegotiation Board					559	764	639
Rubber Producing Facilities Disposal Commission							25
Securities and Exchange Comm.	1,149	1,127	998	1,027	867	774	699
Selective Service System		4,919	3,538	8,343	8,180	7,786	7,446
Small Business Administration							601
Small Defense Plants Admin.					324	452	
Smithsonian Institution	970	999	1,040	1,092	1,094	979	1,010
Soldiers Home				743	734	768	888
Subversive Activities Control Board				26	31	29	32
Tariff Commission	219	239	219	210	193	196	192
Tax Court of the United States	126	124	124	123	123	131	141
Tennessee Valley Authority	15,223	13,174	13,923	18,930	21,300	22,406	23,933
Veterans Administration	195,545	195,488	188,392	182,812	174,597	178,402	178,857
War Claims Commission			95	158	185	167	174

<sup>1</sup> Functions transferred to Department of Justice.

<sup>2</sup> Excludes Farm Credit Administration which was established as an independent agency, Aug. 6, 1953.

<sup>3</sup> Functions transferred to Mutual Security Agency.

<sup>4</sup> Became Department of Health, Education, and Welfare.

<sup>5</sup> Transferred to General Services Administration.

<sup>6</sup> Transferred to Department of Commerce.

<sup>7</sup> Became Foreign Operations Administration.

<sup>8</sup> Transferred to Economic Stabilization Agency.

<sup>9</sup> Became Selective Service System.

<sup>10</sup> Became the Canal Zone Government and the Panama Canal Company.

Source: Civil Service Commission; *Annual Report* and *Monthly Report of Employment*.

No. 444.—PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY TYPE  
OF POSITION, AND PERSONS EXAMINED, PASSED, AND APPOINTED UNDER CIVIL  
SERVICE REGULATIONS: 1949 TO 1954

[As of June 30. Includes data for employees outside continental United States. See headnote, table 441. See also *Historical Statistics*, series P 65-68]

TYPE OF POSITION	1949	1950	1951	1952	1953 <sup>1</sup>	1954 <sup>1</sup>
<b>Total</b>	<b>2,102,109</b>	<b>1,960,708</b>	<b>2,482,666</b>	<b>2,600,612</b>	<b>2,558,416</b>	<b>2,407,676</b>
Subject to competitive requirements of Civil Service Act:						
Number	1,771,927	1,656,803	2,144,882	2,247,693	2,138,899	1,992,057
Percent of total reported	84	85	86	86	84	83
Persons examined <sup>2</sup>	1,947,147	1,682,830	1,905,024	2,132,469	1,718,850	1,381,816
Persons passed <sup>2</sup>	1,122,023	935,813	1,069,442	1,223,068	937,357	728,382
Persons appointed <sup>2</sup>	<sup>3</sup> 504,660	<sup>3</sup> 336,500	<sup>3</sup> 578,539	503,865	429,312	313,935
Excepted from competitive requirements of Civil Service Act	330,182	303,905	337,784	352,919	419,517	415,619

<sup>1</sup> In continental United States, 2,104,112, or 91 percent, of 2,303,026 employees were in positions subject to competitive requirements of Civil Service Act for 1953; and 1,958,489, or 91 percent, of 2,163,518 employees for 1954.

<sup>2</sup> During year ending June 30.

<sup>3</sup> Excludes temporary appointments pending establishment of registers.

Source: Civil Service Commission; *Annual Report* and records.



# No. 445.—PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY AND AREA: 1954

[As of June 30. See headnote, table 441. For definition of areas, see table 449, footnote 4]

AGENCY	Total, all areas	CONTINENTAL UNITED STATES			OUTSIDE CONTINENTAL UNITED STATES		
		Total	Washing- ton, D. C., metro- politan area	48 States	Total	Terri- tories and posses- sions	Foreign coun- tries
<b>All agencies</b> .....	2,407,676	2,163,518	228,501	1,935,017	244,158	73,193	170,965
Percent distribution.....	100	90	10	80	10	3	7
Legislative branch.....	21,972	21,925	20,086	1,839	47	6	41
Judicial branch.....	4,045	3,953	724	3,229	92	92	-----
Executive branch.....	2,381,659	2,137,640	207,691	1,929,949	244,019	73,095	170,924
<b>Executive Office of the President:</b>							
White House Office.....	266	266	266	-----	-----	-----	-----
Bureau of the Budget.....	419	419	419	-----	-----	-----	-----
Committee on Retirement Policy for Federal Personnel.....	7	7	7	-----	-----	-----	-----
Council of Economic Advisers.....	26	26	26	-----	-----	-----	-----
Executive Mansion and Grounds.....	109	109	109	-----	-----	-----	-----
National Security Council.....	28	28	28	-----	-----	-----	-----
Office of Defense Mobilization.....	316	316	316	-----	-----	-----	-----
President's Advisory Comm. on Gov't Organization.....	4	4	4	-----	-----	-----	-----
<b>Executive departments:</b>							
Agriculture.....	76,276	75,027	9,598	65,429	1,249	904	345
Commerce.....	41,865	38,797	12,667	26,130	3,068	2,738	330
Department of Defense:							
Office of the Secretary of Defense.....	1,893	1,832	1,820	12	61	-----	61
Department of the Army.....	495,273	387,161	37,957	349,204	108,112	14,635	93,477
Department of the Navy.....	413,134	382,593	38,633	343,960	30,541	18,739	11,802
Department of the Air Force.....	298,592	253,629	8,799	244,830	44,963	8,416	36,547
Health, Education, and Welfare.....	35,442	34,949	10,685	24,264	493	258	235
Interior.....	57,498	50,179	6,553	43,626	7,319	7,115	204
Justice.....	31,022	30,505	9,718	20,787	517	412	105
Labor.....	5,129	5,009	2,655	2,354	120	49	71
Post Office.....	507,135	504,791	8,886	495,905	2,344	2,344	-----
State.....	20,406	5,766	4,978	788	14,640	-----	14,640
Treasury.....	80,893	79,888	13,260	66,628	1,005	879	126
<b>Independent agencies:</b>							
American Battle Monuments Comm.....	878	16	16	-----	862	-----	862
Atomic Energy Commission.....	6,195	6,175	1,155	5,020	20	-----	20
Board of Governors, Fed. Res. System.....	573	573	573	-----	-----	-----	-----
Canal Zone Government.....	2,123	-----	-----	-----	2,123	2,123	-----
Civil Aeronautics Board.....	540	532	492	40	8	8	-----
Civil Service Commission.....	4,384	4,374	1,945	2,429	10	10	-----
Export-Import Bank.....	133	133	133	-----	-----	-----	-----
Farm Credit Administration.....	1,101	1,089	200	889	12	12	-----
Federal Civil Defense Administration.....	704	704	519	185	-----	-----	-----
Federal Communications Commission.....	1,146	1,121	795	326	25	25	-----
Federal Deposit Insurance Corp.....	1,017	1,016	322	694	1	1	-----
Federal Mediation & Conciliation Serv.....	363	363	55	308	-----	-----	-----
Federal Power Commission.....	661	661	547	114	-----	-----	-----
Federal Trade Commission.....	596	596	509	87	-----	-----	-----
Foreign Operations Administration.....	5,856	1,559	1,556	3	4,297	-----	4,297
General Services Administration.....	26,765	26,646	11,746	14,900	119	46	73
Housing and Home Finance Agency.....	10,715	10,590	3,075	7,515	125	122	3
Information Agency.....	9,539	2,199	1,147	1,052	7,340	8	7,332
Interstate Commerce Commission.....	1,868	1,868	1,347	521	-----	-----	-----
Nat'l Adv. Committee for Aeronautics.....	7,161	7,161	157	7,004	-----	-----	-----
Nat'l Capital Housing Authority.....	313	313	313	-----	-----	-----	-----
National Labor Relations Board.....	1,224	1,204	499	705	20	20	-----
National Mediation Board.....	116	116	41	75	-----	-----	-----
National Science Foundation.....	188	188	188	-----	-----	-----	-----
Panama Canal Company.....	13,729	541	9	532	13,188	13,179	9
Railroad Retirement Board.....	2,255	2,255	7	2,248	-----	-----	-----
Reconstruction Finance Corporation.....	1,018	1,012	532	480	6	4	2
Renegotiation Board.....	639	639	174	465	-----	-----	-----
Securities and Exchange Commission.....	699	699	461	238	-----	-----	-----
Selective Service System.....	7,446	7,245	238	7,007	201	201	-----
Small Business Administration.....	601	601	222	379	-----	-----	-----
Smithsonian Institution.....	1,010	1,008	952	56	2	-----	2
Soldiers' Home.....	888	888	888	-----	-----	-----	-----
Tariff Commission.....	192	192	185	7	-----	-----	-----
Tax Court of the United States.....	141	141	141	-----	-----	-----	-----
Rennessee Valley Authority.....	23,933	23,933	6	23,927	-----	-----	-----
Veterans Administration.....	178,857	177,629	8,820	168,809	1,228	847	381
War Claims Commission.....	174	174	174	-----	-----	-----	-----
Other.....	185	185	168	17	-----	-----	-----

Source: Civil Service Commission; *Annual Report and Monthly Report of Employment*.

### No. 446.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT, BY SELECTED AGENCY: 1944 TO 1954

[As of June 30. Includes data for employees outside continental United States. See headnote, table 447]

YEAR	ALL AGENCIES		DEPARTMENT OF DEFENSE <sup>1</sup>		POST OFFICE DEPARTMENT		VETERANS ADMINISTRATION		OTHER AGENCIES	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1944.....	3,304,344	100	2,246,454	68	374,758	11	50,510	2	632,622	19
1945.....	3,786,645	100	2,634,575	69	416,314	11	65,143	2	670,613	18
1946.....	2,665,516	100	1,416,225	53	453,953	17	169,643	6	625,695	24
1947.....	2,082,258	100	859,142	41	445,683	21	216,753	11	560,680	27
1948.....	2,043,981	100	870,962	43	474,911	23	195,545	9	502,563	25
1949.....	2,075,148	100	879,875	42	501,743	24	195,488	10	498,042	24
1950.....	1,934,040	100	753,149	39	484,679	25	188,392	10	507,820	26
1951.....	2,455,901	100	1,235,498	50	482,281	20	182,812	7	555,310	23
1952.....	2,574,132	100	1,337,095	52	507,779	20	174,597	7	554,661	21
1953.....	2,532,150	100	1,332,068	53	506,555	20	178,402	7	515,125	20
1954.....	2,381,659	100	1,208,892	51	507,135	21	178,857	8	486,775	20

<sup>1</sup> Through June 1947 represents War Department and Navy Department combined.

Source: Civil Service Commission; *Annual Report* and *Monthly Report of Employment*.

### No. 447.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT, BY AREA AND SEX: 1947 TO 1954

[Represents number in active-duty status as of June 30. Excludes employment of the Central Intelligence Agency for security reasons, and prior to 1947, excludes seamen of U. S. Maritime Commission. Not entirely comparable with similar data in earlier *Statistical Abstracts*; now excludes employment of the General Accounting Office and Government Printing Office. See also *Historical Statistics*, series P 63, for earlier data on Washington, D. C., metropolitan area total]

AREA AND SEX	1947	1948	1949	1950	1951	1952	1953	1954 <sup>1</sup>
Continental U. S., total.....	1,827,592	1,817,595	1,894,117	1,787,079	2,282,389	2,389,224	2,276,883	2,157,627
Male.....	1,394,489	1,400,443	1,466,457	1,386,294	1,714,614	1,797,498	1,725,431	1,638,022
Female.....	433,103	417,152	427,660	400,785	567,775	591,726	551,452	519,605
Percent female.....	24	23	23	22	25	25	24	24
Washington, D. C., metropolitan area, total <sup>2</sup> .....	191,743	193,635	204,841	202,326	244,312	240,065	221,503	207,091
Male.....	104,052	106,431	112,435	113,311	131,788	131,922	124,300	117,602
Female.....	87,691	87,204	92,406	89,015	112,524	108,143	97,203	89,489
Percent female.....	46	45	45	44	46	45	44	43

<sup>1</sup> As of January 31.

<sup>2</sup> For definition of Washington, D. C., metropolitan area, see table 449, footnote 4.

### No. 448.—ACCESSIONS TO AND SEPARATIONS FROM PAID CIVILIAN FULL-TIME EMPLOYMENT IN THE FEDERAL GOVERNMENT: 1951 TO 1954

[For years ending June 30. Not entirely comparable with similar data in earlier *Statistical Abstracts*; now includes accessions and separations of substitute employees in the postal field service. Other part-time and intermittent groups are excluded prior to March 1954, as are agencies in the legislative branch other than General Accounting Office and Government Printing Office. For definition of areas, see table 449, footnote 4]

ITEM	CONTINENTAL UNITED STATES				WASHINGTON, D. C., METROPOLITAN AREA			
	1951	1952	1953	1954	1951	1952	1953	1954
Accessions:								
Total number.....	1,154,990	771,362	568,571	429,369	103,020	62,219	43,398	35,702
Average monthly rate <sup>1</sup> .....	4.7	2.8	2.0	1.6	3.6	2.0	1.5	1.3
Separations:								
Total number.....	656,247	678,938	693,359	557,420	63,067	66,075	61,795	49,820
Average monthly rate <sup>1</sup> .....	2.7	2.4	2.5	2.1	2.2	2.2	2.1	1.8
Type of separation:								
Quit <sup>2</sup> .....	382,079	444,010	417,598	277,543	42,222	46,919	40,185	27,524
Reduction in force.....	16,984	29,320	64,469	99,182	916	2,400	6,116	8,407
Discharge <sup>3</sup> .....	24,133	32,345	31,453	21,626	1,106	1,376	1,297	967
Other <sup>4</sup> .....	233,051	173,263	179,839	159,069	18,823	15,380	14,197	12,922

<sup>1</sup> Per 100 full-time employees.

<sup>2</sup> Represents resignation, transfer to other Federal agency, and abandonment of position.

<sup>3</sup> Represents separation required by an agency for disqualification or inefficiency, and removal for misconduct, delinquency, or other serious cause.

<sup>4</sup> Represents termination of appointment, and separation for extended leave without pay, military leave, retirement, death, legal incompetency, and disability not entitled to retirement.

Source of tables 447 and 448: Civil Service Commission; *Annual Report* and records.



No. 449.—PAID CIVILIAN EMPLOYMENT IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT, 1938 TO 1954, AND FOR SELECTED AGENCIES, 1954, BY STATE

[As of June 30. Partially estimated. See headnote, table 447]

STATE OR OTHER AREA	TOTAL EMPLOYMENT				EMPLOYMENT BY AGENCY, 1954			
	1938 <sup>1</sup>	1945 <sup>2</sup>	1953	1954	Department of Defense	Post Office Department	Veterans Administration	Other departments and agencies
<b>Total</b> .....	855,132	3,786,645	2,532,150	2,381,659	1,203,892	507,135	178,857	486,775
Outside cont. U. S. ....	33,574	854,671	255,267	244,019	183,677	2,344	1,228	56,770
Territories and possessions .....	28,697	( <sup>3</sup> )	77,926	73,095	41,790	2,344	847	28,114
Foreign countries .....	4,877	( <sup>3</sup> )	177,341	170,924	141,887	—	381	28,656
Continental U. S. ....	821,558	2,931,974	2,276,883	2,137,640	1,025,215	504,791	177,629	430,005
Washington, D. C., metropolitan area <sup>4</sup> .....	<sup>5</sup> 109,599	243,249	221,503	207,691	87,209	8,886	8,820	102,776
48 States <sup>4</sup> .....	711,959	2,688,725	2,055,380	1,929,949	938,006	495,905	168,809	327,229
Alabama .....	15,213	54,151	52,853	48,779	28,495	6,258	3,890	10,136
Arizona .....	7,477	18,020	14,140	14,500	5,450	2,030	1,595	5,425
Arkansas .....	9,388	26,318	16,253	15,412	5,183	4,651	2,785	2,788
California .....	48,334	318,675	249,470	229,187	152,331	36,343	13,405	27,108
Colorado .....	8,692	29,189	36,171	33,164	15,390	4,473	3,936	9,365
Connecticut .....	5,784	12,868	11,542	11,990	1,990	6,304	1,893	1,803
Delaware .....	1,240	3,413	2,447	2,475	640	936	505	394
Florida .....	9,426	77,224	39,230	38,273	22,837	7,663	2,811	4,962
Georgia .....	12,595	70,333	58,521	53,646	33,108	9,452	3,477	7,609
Idaho .....	3,780	10,032	6,426	5,918	1,131	1,538	478	2,771
Illinois .....	44,316	134,993	108,583	102,031	36,632	38,568	9,743	17,088
Indiana .....	12,330	43,773	41,478	37,471	19,751	10,940	3,035	3,745
Iowa .....	10,560	19,836	15,813	15,241	387	8,893	2,835	3,126
Kansas .....	8,964	33,055	22,703	21,558	7,601	6,888	3,334	3,735
Kentucky .....	10,117	28,061	32,849	28,729	12,117	7,420	2,666	6,526
Louisiana .....	11,002	42,279	24,649	23,398	8,013	6,639	2,402	6,344
Maine .....	6,997	26,028	15,782	15,058	9,504	3,382	954	1,218
Maryland <sup>4</sup> .....	18,326	51,093	51,686	48,268	29,428	5,518	2,705	10,617
Massachusetts .....	28,137	104,935	68,272	63,849	32,452	17,730	6,704	6,963
Michigan .....	17,722	50,967	40,369	38,113	9,877	17,298	4,410	6,528
Minnesota .....	13,048	22,741	24,900	24,194	1,610	12,895	4,661	5,028
Mississippi .....	11,661	24,885	15,940	15,495	5,627	4,289	2,246	3,333
Missouri .....	21,590	55,487	48,439	46,477	13,781	18,809	3,409	10,478
Montana .....	8,157	9,351	8,014	7,559	663	2,052	564	4,280
Nebraska .....	8,979	28,321	20,026	19,033	7,261	6,533	1,525	3,714
Nevada .....	1,891	6,802	5,198	5,426	2,772	528	280	1,846
New Hampshire .....	2,199	4,524	3,162	3,051	171	1,921	433	526
New Jersey .....	15,743	82,913	53,965	51,471	30,625	12,951	3,718	4,177
New Mexico .....	7,201	16,347	16,688	17,109	7,699	1,756	1,224	6,430
New York .....	87,483	297,029	196,549	188,985	66,952	74,388	16,208	31,437
North Carolina .....	10,623	39,901	26,890	27,012	10,268	8,108	3,837	4,799
North Dakota .....	3,820	6,298	6,516	6,046	626	2,847	597	1,976
Ohio .....	28,722	112,307	98,787	92,159	46,167	28,115	6,463	11,414
Oklahoma .....	10,631	48,379	44,141	40,699	26,951	6,537	1,668	5,543
Oregon .....	9,113	19,163	17,677	17,149	3,573	4,585	1,904	7,087
Pennsylvania .....	50,619	198,919	145,059	136,567	77,179	34,008	12,749	12,631
Rhode Island .....	6,702	23,363	12,918	12,805	9,195	2,118	900	592
South Carolina .....	8,826	47,632	22,933	21,197	13,487	4,034	1,055	2,621
South Dakota .....	4,691	10,674	9,055	8,545	1,403	2,701	1,468	2,973
Tennessee .....	17,149	44,965	41,205	41,177	8,736	7,852	5,223	19,366
Texas .....	27,777	142,281	116,080	106,448	59,644	21,511	8,353	16,940
Utah .....	3,886	37,819	31,775	26,963	20,275	1,914	1,439	3,335
Vermont .....	2,052	3,323	3,200	3,068	217	1,662	466	723
Virginia <sup>4</sup> .....	21,005	108,361	77,355	70,648	49,603	8,358	4,444	8,243
Washington .....	15,520	100,843	61,945	57,296	36,511	6,259	3,214	11,312
West Virginia .....	5,891	11,580	10,965	10,672	1,386	4,978	2,279	2,029
Wisconsin .....	13,485	23,112	20,679	20,391	2,056	10,249	4,091	3,995
Wyoming .....	3,095	5,166	5,511	5,228	1,229	1,023	828	2,148
Undistributed .....		996	571	19	17			2

<sup>1</sup> As of Dec. 31. From geographic study which excluded temporary postal substitutes; distribution for June 1938 not available.

<sup>2</sup> Represents peak of total employment. <sup>3</sup> Not available.

<sup>4</sup> Beginning 1950, Washington, D. C., metropolitan area includes Dist. of Columbia; Alexandria and Falls Church cities, Arlington and Fairfax Counties, Virginia; and Montgomery and Prince Georges Counties, Maryland. In 1945, only parts of these counties were included. These areas excluded from data for 48 States.

<sup>5</sup> Relates to District of Columbia only.

Source: Civil Service Commission; *Annual Report* and records.

**No. 450.—PAID CIVILIAN EMPLOYMENT IN FULL-TIME POSITIONS IN SELECTED AGENCIES OF THE FEDERAL GOVERNMENT AND AVERAGE PAY, BY COMPENSATION AUTHORITY: 1952 TO 1954**

[As of June 30. Covers full-time employees in continental U. S. of executive agencies and the General Accounting Office and Government Printing Office; excludes other legislative and all judicial employees, and a relatively small number in executive agencies for whom rates were not specified. Employees of the Board of Governors of the Federal Reserve System are included in 1953; excluded in 1952 and 1954. Some agencies reported as of dates other than specified]

COMPENSATION AUTHORITY	1952		1953		1954	
	Number of employees	Average pay <sup>1</sup>	Number of employees	Average pay <sup>1</sup>	Number of employees	Average pay <sup>1</sup>
<b>Total <sup>2</sup></b> .....	2, 201, 748	\$3, 853	2, 168, 728	\$4, 025	2, 032, 812	\$4, 155
Classification Act of 1949 (per annum).....	1, 032, 492	4, 039	972, 460	4, 140	931, 614	4, 221
General schedule.....	917, 173	4, 149	862, 556	4, 258	828, 242	4, 345
Crafts, protective, and custodial schedule.....	115, 319	3, 166	109, 904	3, 213	103, 372	3, 221
Postal Pay Act <sup>2</sup> .....	350, 910	4, 003 <sup>1</sup>	429, 170	3, 918	432, 104	3, 956
Wage Board.....	766, 274	3, 471	712, 507	3, 866	616, 271	4, 118
Other acts and administrative orders.....	52, 072	4, 780	54, 591	4, 886	52, 823	5, 070

<sup>1</sup> Based on annual rates and other rates converted to annual equivalent for 52 40-hour weeks.

<sup>2</sup> Beginning 1953, not comparable with averages for 1952 because regular substitutes in the Postal Service are included; excluded from earlier years.

Source: Civil Service Commission; annual report, *Pay Structure of the Federal Civil Service*.

**No. 451.—PAID CIVILIAN EMPLOYMENT IN FULL-TIME POSITIONS IN SELECTED AGENCIES OF THE FEDERAL GOVERNMENT, BY ANNUAL EQUIVALENT PAY GROUP AND COMPENSATION AUTHORITY: 1954**

[As of June 30. For coverage, see headnote, table 450]

ANNUAL EQUIVALENT PAY GROUP	TOTAL		COMPENSATION AUTHORITY							
			Classification Act of 1949		Wage Board		Postal Pay Act		Other acts and administrative orders	
	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent
<b>All groups</b> .....	2, 032, 812	100. 0	931, 614	100. 0	616, 271	100. 0	432, 104	100. 0	52, 823	100. 0
Less than \$2,000.....	15, 219	0. 7	6	( <sup>1</sup> )	3, 652	0. 6	9, 845	2. 4	1, 716	3. 2
\$2,000 to \$2,499.....	22, 549	1. 1	7, 763	0. 8	9, 481	1. 5	4, 330	1. 0	975	1. 8
\$2,500 to \$2,999.....	198, 986	9. 8	134, 792	14. 5	38, 204	6. 2	20, 622	4. 8	5, 368	10. 2
\$3,000 to \$3,499.....	439, 977	21. 6	283, 065	30. 4	97, 200	15. 8	54, 192	12. 5	5, 520	10. 5
\$3,500 to \$3,999.....	408, 431	20. 1	133, 736	14. 4	143, 161	23. 2	122, 214	28. 3	9, 320	17. 6
\$4,000 to \$4,499.....	408, 442	20. 1	92, 985	10. 0	130, 616	21. 2	178, 564	41. 3	6, 277	11. 9
\$4,500 to \$4,999.....	203, 911	10. 0	59, 940	6. 4	122, 570	19. 9	16, 768	3. 9	4, 633	8. 8
\$5,000 to \$5,499.....	115, 800	5. 7	63, 441	6. 8	31, 504	5. 1	16, 737	3. 9	4, 118	7. 8
\$5,500 to \$5,999.....	77, 097	3. 8	48, 368	5. 2	21, 367	3. 5	5, 170	1. 2	2, 192	4. 2
\$6,000 to \$6,499.....	39, 237	1. 9	25, 078	2. 7	11, 028	1. 8	1, 784	0. 4	1, 347	2. 6
\$6,500 to \$6,999.....	20, 414	1. 0	14, 713	1. 6	3, 676	0. 6	914	0. 2	1, 111	2. 1
\$7,000 to \$7,499.....	27, 198	1. 3	23, 559	2. 5	1, 816	0. 3	425	0. 1	1, 398	2. 6
\$7,500 to \$7,999.....	7, 014	0. 4	5, 150	0. 6	880	0. 2	188	( <sup>1</sup> )	796	1. 5
\$8,000 to \$8,499.....	13, 205	0. 7	11, 338	1. 2	432	0. 1	176	( <sup>1</sup> )	1, 259	2. 4
\$8,500 to \$8,999.....	12, 585	0. 6	10, 637	1. 1	99	( <sup>1</sup> )	89	( <sup>1</sup> )	1, 760	3. 3
\$9,000 to \$9,499.....	4, 397	0. 2	4, 047	0. 4	129	( <sup>1</sup> )	14	( <sup>1</sup> )	207	0. 4
\$9,500 to \$9,999.....	7, 045	0. 4	4, 829	0. 5	210	( <sup>1</sup> )	29	( <sup>1</sup> )	1, 977	3. 7
\$10,000 and over.....	11, 305	0. 6	8, 167	0. 9	246	( <sup>1</sup> )	43	( <sup>1</sup> )	2, 849	5. 4

<sup>1</sup> Less than 0.05 percent.

Source: Civil Service Commission; annual report, *Pay Structure of the Federal Civil Service*.



**No. 452.—PAID CIVILIAN EMPLOYEES WITH VETERAN PREFERENCE IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT, BY SELECTED CHARACTERISTICS: 1951 TO 1954**

[As of June 30. Excludes certain employees for whom distribution is not available. See headnote, table 447. For definition of areas, see table 449, footnote 4]

ITEM	CONTINENTAL UNITED STATES				WASHINGTON, D. C., METROPOLITAN AREA			
	1951	1952	1953	1954 <sup>1</sup>	1951	1952	1953	1954 <sup>1</sup>
<b>Total</b> .....	1,064,851	1,114,038	1,106,086	1,074,697	84,031	85,082	83,093	79,741
Veterans.....	1,045,449	1,093,219	1,085,360	1,054,295	81,090	82,131	80,205	76,892
Sex:								
Male.....	1,018,383	1,065,415	1,059,393	1,028,886	77,153	78,286	76,447	73,625
Female.....	27,066	27,804	25,967	25,409	3,937	3,845	3,758	3,267
Type of preference:								
Disabled (10-point).....	163,168	171,682	168,036	164,415	10,068	10,086	9,870	9,463
Other (5-point).....	882,281	921,537	917,324	889,880	71,022	72,045	70,335	67,429
Wives, widows, and mothers of veterans (10-point).....	19,402	20,819	20,726	20,402	2,941	2,951	2,888	2,849

<sup>1</sup> As of January 1.

Source: Civil Service Commission; *Annual Report*.

**No. 453.—WORK INJURIES AND COMPENSATION OF FEDERAL CIVILIAN EMPLOYEES: 1947 TO 1954**

[For years ending June 30. Includes all employees covered under provisions of Federal Employees' Compensation Act. Excludes emergency relief acts except where specifically indicated]

ITEM	1947-1949, average	1951	1952	1953	1954
<b>Injury cases reported, total</b> .....	84,690	89,909	100,458	94,961	90,105
Index.....	100	106	119	112	106
Nonfatal.....	83,599	85,455	94,996	92,526	87,468
Fatal.....	1,091	4,454	5,462	2,435	2,637
Employment coverage.....	2,100,000	2,234,868	2,459,173	2,572,453	2,407,500
Casualty rates:					
Frequency per million man-hours.....	8.67	8.37	8.43	7.96	7.79
Severity per thousand man-hours.....	.68	.62	.66	.56	.59
Cost per \$100 payroll.....	\$0.17	\$0.30	\$0.30	\$0.24	\$0.26
Cost per employee.....	\$4.63	\$10.14	\$10.83	\$9.09	\$10.36
<b>Final disposition of injury cases, total</b> .....	83,507	95,366	108,323	107,643	100,211
Index (1947-1949=100).....	100	114	130	129	120
Minor injury cases.....	36,585	45,096	51,852	49,133	44,849
Disability 1-3 days.....	10,862	12,183	13,097	13,665	12,439
Covered by leave.....	18,924	18,291	20,948	21,214	20,091
Compensated, nonfatal.....	10,101	11,143	12,348	14,243	13,557
Compensated, fatal.....	498	549	244	387	391
Disapproved.....	3,762	4,015	4,232	3,430	4,874
All other.....	2,775	4,089	5,602	5,571	4,010
Average evaluation per fatal case.....	\$11,210	\$34,301	\$33,662	\$27,747	\$39,258
Average evaluation per nonfatal disabling injury.....	\$158	\$377	\$406	\$393	\$435
Average days lost per nonfatal disabling injury.....	27	41	42	37	44
<b>Disbursements, total</b> .....	\$14,305,210	\$30,427,296	\$36,233,944	\$41,355,917	\$43,692,268
Medical treatment and supplies.....	2,603,390	4,367,405	5,505,408	5,960,312	6,108,657
Disability compensation.....	5,354,032	13,944,370	15,660,161	16,051,552	16,959,060
Death compensation.....	3,647,101	7,653,287	9,556,914	14,504,450	16,960,022
Emergency Relief Acts.....	610,957	960,284	897,558	818,463	800,119
Other.....	2,089,730	3,501,950	4,613,903	4,021,140	2,864,410

Source: Department of Labor, Bureau of Employees' Compensation; *Annual Report*.

No. 454.—FEDERAL EMPLOYEES SUBJECT TO FEDERAL RETIREMENT ACTS, BY AGE, SEX, AND LENGTH OF SERVICE: SEPTEMBER 30, 1953

[Estimates based on a 5-percent sample of Federal employees covered by the Civil Service Retirement Act and the Federal Insurance Contributions Act; excludes approximately 140,000 employees not covered by these systems]

CHARACTERISTICS	NUMBER OF EMPLOYEES				PERCENT DISTRIBUTION		
	Total	Male	Female	Percent male	Total	Male	Female
<b>TOTAL RETIREMENT COVERAGE</b>							
<b>Total</b> .....	2,259,200	1,720,020	539,180	76.1	100.0	100.0	100.0
<b>By age group:<sup>1</sup></b>							
Under 20 years.....	21,420	8,280	13,140	38.7	.9	.5	2.5
20 to 24 years.....	112,760	51,800	60,960	45.9	5.0	3.0	11.3
25 to 29 years.....	286,280	210,200	76,080	73.4	12.7	12.2	14.1
30 to 34 years.....	379,200	299,340	79,860	78.9	16.8	17.4	14.8
35 to 39 years.....	340,280	272,500	67,780	80.0	15.1	15.8	12.6
40 to 44 years.....	299,420	232,500	66,920	77.7	13.3	13.5	12.4
45 to 49 years.....	250,600	191,000	59,600	76.2	11.1	11.1	11.1
50 to 54 years.....	203,160	152,320	50,840	75.0	9.0	8.8	9.4
55 to 59 years.....	200,100	162,900	37,200	81.4	8.9	9.5	6.9
60 to 64 years.....	118,460	99,420	19,040	83.9	5.2	5.8	3.5
65 to 69 years.....	41,120	34,240	6,880	83.3	1.8	2.0	1.3
70 to 74 years.....	5,280	4,480	800	84.8	.2	.3	.1
75 years and over.....	1,120	1,040	80	92.9	(2)	.1	(2)
<b>By length of service group:<sup>2</sup></b>							
Under 5 years.....	499,280	279,640	219,640	56.0	22.1	16.3	40.7
5 to 9 years.....	677,020	539,720	137,300	79.7	30.0	31.4	25.4
10 to 14 years.....	649,620	524,660	124,960	80.8	28.8	30.5	23.2
15 to 19 years.....	185,340	157,540	27,800	85.0	8.2	9.2	5.2
20 to 24 years.....	80,760	68,980	11,780	85.4	3.6	4.0	2.2
25 to 29 years.....	69,800	62,660	7,140	89.8	3.1	3.6	1.3
30 to 34 years.....	57,220	51,880	5,340	90.7	2.5	3.0	1.0
35 to 39 years.....	29,640	24,700	4,940	83.3	1.3	1.4	.9
40 to 44 years.....	8,040	7,820	220	97.3	.3	.5	(2)
45 to 49 years.....	2,180	2,120	60	97.2	.1	.1	(2)
50 years and over.....	300	300	0	100.0	(2)	(2)	(2)
<b>UNDER CIVIL SERVICE RETIREMENT ACT</b>							
<b>Total</b> .....	1,661,780	1,319,200	342,580	79.4	100.0	100.0	100.0
<b>By age group:<sup>1</sup></b>							
Under 20 years.....	1,060	580	480	54.7	.1	(2)	.1
20 to 24 years.....	27,280	14,520	12,760	53.2	1.6	1.1	3.7
25 to 29 years.....	169,600	127,460	42,140	75.1	10.2	9.7	12.3
30 to 34 years.....	272,120	220,160	51,960	80.9	16.4	16.7	15.2
35 to 39 years.....	267,200	221,120	46,080	82.8	16.1	16.8	13.4
40 to 44 years.....	238,760	190,500	48,260	79.8	14.4	14.4	14.1
45 to 49 years.....	202,520	157,660	44,860	77.8	12.2	11.9	13.1
50 to 54 years.....	168,120	127,860	40,260	76.1	10.1	9.7	11.8
55 to 59 years.....	171,020	139,860	31,160	81.6	10.3	10.6	9.2
60 to 64 years.....	102,080	85,020	17,060	83.3	6.1	6.4	5.0
65 to 69 years.....	37,040	30,600	6,440	81.1	2.2	2.3	1.9
70 to 74 years.....	4,120	3,380	740	82.0	.2	.3	.2
75 years and over.....	860	780	80	90.7	.1	.1	(2)
<b>By length of service group:<sup>3</sup></b>							
Under 5 years.....	129,300	80,360	48,940	62.2	7.8	6.1	14.3
5 to 9 years.....	478,480	363,740	114,740	76.0	28.8	27.6	33.5
10 to 14 years.....	630,020	508,260	121,760	80.7	37.9	38.5	35.5
15 to 19 years.....	182,940	155,220	27,720	84.8	11.0	11.8	8.1
20 to 24 years.....	77,740	66,020	11,720	84.9	4.7	5.0	3.4
25 to 29 years.....	67,540	60,400	7,140	89.4	4.0	4.6	2.1
30 to 34 years.....	55,920	50,580	5,340	90.5	3.4	3.8	1.6
35 to 39 years.....	29,380	24,440	4,940	83.2	1.8	1.8	1.4
40 to 44 years.....	8,020	7,800	220	97.3	.5	.6	.1
45 to 49 years.....	2,160	2,100	60	99.2	.1	.2	(2)
50 years and over.....	280	280	0	100.0	(2)	(2)	(2)

<sup>1</sup> Average age is 40.8 years for all employees, 41.5 years for males and 38.5 years for females. For employees under the Civil Service Retirement system, the averages are 42.7 years, 42.9 years and 42.0 years, respectively.

<sup>2</sup> Less than 0.05 percent.

<sup>3</sup> Average length of service is 10.4 years for all employees, 11.3 years for males and 7.6 years for females. For employees under the Civil Service Retirement system, the averages are 12.7 years, 13.2 years and 10.6 years, respectively. Service represents all Federal employment, whether or not retirement deductions were taken from pay, and military service.

Source: Executive Office of the President, Committee on Retirement Policy for Federal Personnel; records.



## 15. State and Local Government Finances and Employment

Statistics relating to State and local governments, their numbers, finances, and employment, are compiled on a nationwide basis primarily by the Bureau of the Census.

This Bureau issues annually a *Summary of Governmental Finances* which embraces Federal as well as State and local governments. It also issues separate annual series for State finances (*Summary of State Government Finances*, and a more detailed *Compendium of State Government Finances*); city finances (*Summary of City Government Finances*, and a more detailed *Compendium of City Government Finances*); and public employment (*State Distribution of Public Employment and City Employment*). In addition, the Bureau of the Census issues occasional reports such as *Historical Statistics on State and Local Governments, 1902-1953*, *Governments in the United States in 1952*, and other special studies. A descriptive leaflet, *Bureau of the Census Publications on Governments*, issued annually, lists these and various other publications.

Basic information for these publications is obtained mainly by mail canvass from State and local officials; however, financial data for each of the 48 State governments and the 41 cities of over 250,000 are compiled from their official records and reports by Census personnel, and classified into uniform categories for statistical reporting. Data for finances of smaller cities (those having less than 25,000 inhabitants) and of counties, townships, school districts, and special districts are estimates based on a sample of approximately 1,800 local governments.

Statistics regarding particular functions in which State and local governments have an important role are presented in other sections (for example, the sections on Education, Roads and Motor Vehicles, and Social Insurance and Welfare Services).

**Governmental units.**—The governmental structure of the United States includes, in addition to the National Government and the 48 States, a total of nearly 117,000 distinct units of local government, created or authorized by the States. A majority of these—some 67,000—are local school districts, but there are large numbers also of county and township governments, municipalities, and numerous kinds of “special districts.” The figures for governmental units shown in table 455 include all agencies or bodies having an organized existence, governmental character, and substantial autonomy. While most of these governments can impose taxes, many of the special districts—such as independent public housing authorities, the New York Port Authority, and numerous local irrigation, power, and other types of districts—lack this power but are financed from rentals, charges for services, benefit assessments, grants from other governments, and other nontax sources. The data on number of governments exclude semiautonomous agencies through which States, cities, and counties sometimes provide for certain functions—for example, “dependent” school systems, State institutions of higher education, and certain other “authorities” and special agencies which are under the administrative or fiscal control of an established governmental unit.

**Finances.**—Unless otherwise stated, financial data in this section relate to the fiscal years of the respective governments. Federal and State government figures are for fiscal years ending on June 30 of the year specified, except for six States with earlier closing dates—three in the same calendar year and three in the latter part of the preceding calendar year. Local government figures are for fiscal years ending in the calendar year specified, except for a few units which close their fiscal years in the succeeding January. Most school districts have fiscal years ending on June 30, but a majority of other local governments operate on a calendar fiscal year.

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*Note.*—This section presents data for the most recent year or period available on March 31, 1955, when the material was organized and sent to the printer.

Nationwide government finance statistics must be classified and presented in terms of uniform concepts and categories, rather than according to the highly diverse terminology, organization, and fund structure of individual governments. Accordingly, financial statistics which appear here for individual States and large cities, although based upon the official records and reports of these governments, will not agree directly with figures appearing in such original sources except where particular segments of the official accounts conform explicitly to standard Census reporting categories.

The framework for Census statistics on governmental finances makes a basic distinction between general government, utilities and liquor stores, and insurance trust activities. These are distinguished as to revenue according to the nature of the source involved, as to expenditure according to the purpose of the spending, and as to debt and related borrowing and debt redemption according to the purpose (general government or utility) for which the debt was incurred.

The general government sector comprises all activities other than those classified as utility or insurance trust in nature. The utility sector includes only water supply, electric light and power, gas supply, and transit systems operated by local governments, and liquor stores operated by 16 States and by a few local governments. The scattering of other kinds of semicommercial activities carried on by some governments are included in the general government category. Insurance trust figures relate to employee retirement, unemployment compensation, and other social insurance systems administered by State and local governments.

Revenue and expenditure reported for each of these sectors and in total, in the basic framework of Census statistics, represent only external transactions, and exclude transfers among agencies and funds of the government concerned. Certain internal transactions are shown separately, however, in related tables.

Some of these classification aspects of Census financial data represent a change from 1950 and earlier years. Therefore, financial data appearing in this section cannot in all respects be directly related to government finance series included in the volume, *Historical Statistics of the United States, 1789-1945*, referred to below, or to the more detailed financial data for years up to 1946 which appear in the Census publication, *Historical Review of State and Local Government Finances*.

**Employment and payrolls.**—Public employment and payrolls data are primarily based upon the regular mail canvass survey of the Bureau of the Census covering all State governments and a scientific sample of local governments. Payroll amounts include all salaries, wages, and individual fee payments for the month specified, and employment numbers relate to all persons on governmental payrolls during the pay period ending nearest the close of the month covered—including paid officials, temporary help, and (except where otherwise specified) part-time as well as full-time personnel. As in the case of financial data, figures shown for individual governments, such as States, cover major dependent agencies such as institutions of higher education, as well as the ordinary central departments and agencies of the government.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series P 189-190") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.



FIG. XXXI.—GOVERNMENTAL REVENUE, BY SOURCE: 1953

[See table 458]

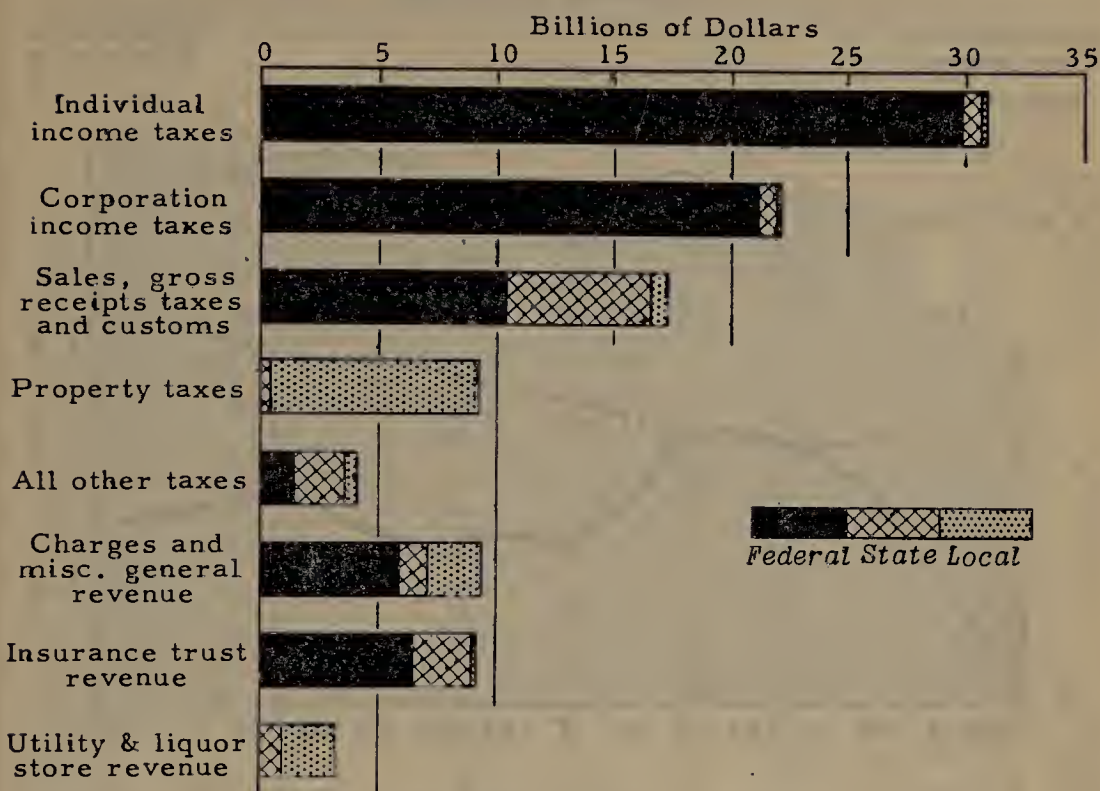
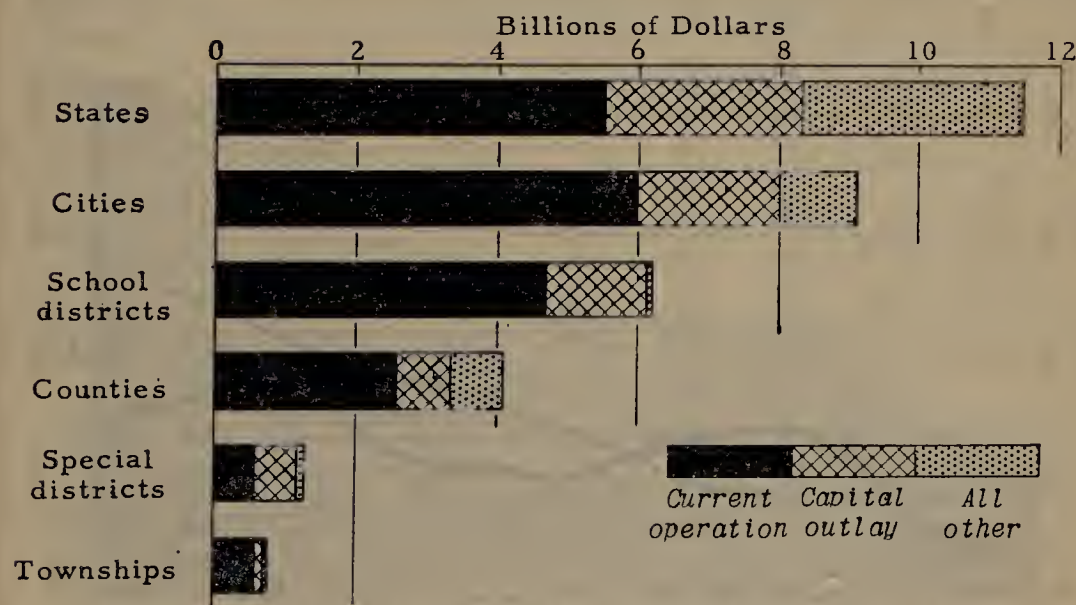


FIG. XXXII.—STATE AND LOCAL GOVERNMENT EXPENDITURE, BY TYPE OF GOVERNMENT: 1953

[See table 459]



Source of figs. XXXI and XXXII: Department of Commerce, Bureau of the Census.

FIG. XXXIII.—EMPLOYEES OF FEDERAL AND STATE AND LOCAL GOVERNMENTS:  
1940 TO 1954

[As of October. See table 473]

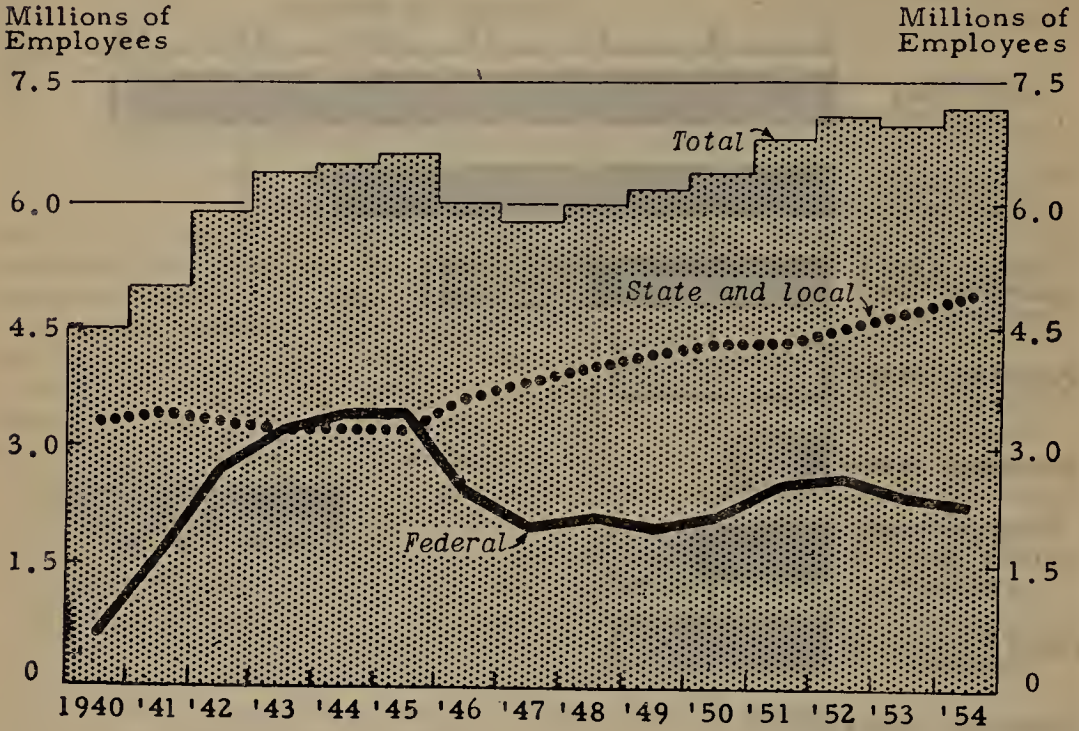
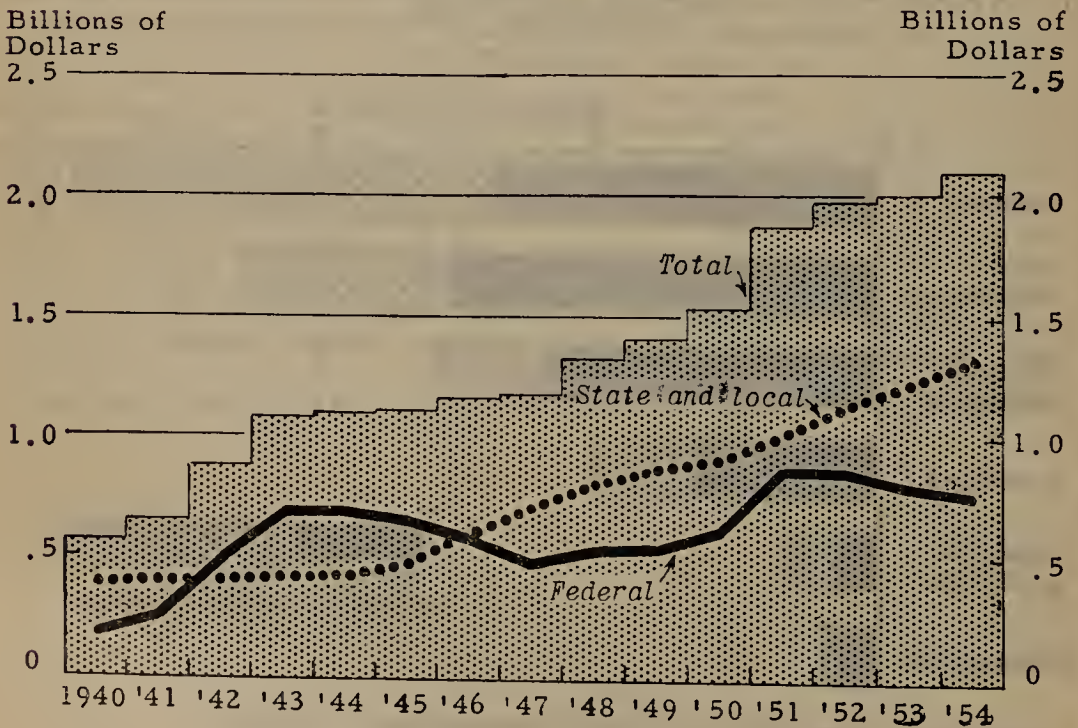


FIG. XXXIV.—PAYROLLS OF FEDERAL AND STATE AND LOCAL GOVERNMENTS:  
1940 TO 1954

[As of October. See table 473]



Source of figs. XXXIII and XXXIV: Department of Commerce, Bureau of the Census.



## No. 455.—GOVERNMENTAL UNITS, BY TYPE OF GOVERNMENT, BY STATES: 1952

[Limited to governments actually in existence in 1952. Excludes, therefore, a few counties and numerous townships and "incorporated places," which exist as areas for which statistics can be presented as to population and other subjects, but which lack any separate organized county, township, or municipal government.]

STATE	All government- al units <sup>1</sup>	LOCAL GOVERNMENTS EXCEPT SCHOOL DISTRICTS					School districts <sup>5</sup>
		Total	Counties <sup>2</sup>	Municipalities	Townships <sup>3</sup>	Special districts <sup>4</sup>	
<b>Total</b> .....	<b>116, 743</b>	<b>49, 348</b>	<b>3, 049</b>	<b>16, 778</b>	<b>17, 202</b>	<b>12, 319</b>	<b>67, 346</b>
Alabama.....	548	439	67	302	-----	70	108
Arizona.....	367	96	14	48	-----	34	270
Arkansas.....	1, 089	666	75	360	-----	231	422
California.....	3, 764	1, 753	57	306	-----	1, 390	2, 010
Colorado.....	1, 953	600	62	241	-----	297	1, 352
Connecticut.....	363	359	8	33	152	166	3
Delaware.....	108	92	3	49	-----	40	15
District of Columbia.....	2	2	-----	1	-----	1	-----
Florida.....	617	549	67	294	-----	188	67
Georgia.....	976	788	159	475	-----	154	187
Idaho.....	938	632	44	193	-----	395	305
Illinois.....	7, 723	4, 238	102	1, 157	1, 433	1, 546	3, 484
Indiana.....	3, 050	1, 934	92	540	1, 009	293	1, 115
Iowa.....	5, 857	1, 203	99	934	-----	170	4, 653
Kansas.....	6, 933	2, 948	105	605	1, 514	724	3, 984
Kentucky.....	796	563	120	313	-----	130	232
Louisiana.....	489	421	62	215	-----	144	67
Maine.....	664	659	16	42	473	128	4
Maryland.....	328	327	23	146	-----	158	-----
Massachusetts.....	584	583	12	39	312	220	-----
Michigan.....	6, 766	1, 920	83	489	1, 264	84	4, 845
Minnesota.....	9, 026	2, 798	87	796	1, 844	71	6, 227
Mississippi.....	693	599	82	263	-----	254	93
Missouri.....	7, 002	2, 110	114	781	329	886	4, 891
Montana.....	1, 598	310	56	121	-----	133	1, 287
Nebraska.....	7, 981	1, 588	93	533	477	485	6, 392
Nevada.....	243	76	17	15	-----	44	166
New Hampshire.....	551	322	10	12	222	78	228
New Jersey.....	1, 151	669	21	334	233	81	481
New Mexico.....	289	182	32	72	-----	78	106
New York.....	5, 483	2, 567	57	610	932	968	2, 915
North Carolina.....	608	607	100	401	-----	106	-----
North Dakota.....	3, 968	1, 888	53	348	1, 393	94	2, 079
Ohio.....	3, 936	2, 470	88	904	1, 338	140	1, 465
Oklahoma.....	2, 771	670	77	499	-----	94	2, 100
Oregon.....	1, 723	651	36	208	-----	407	1, 071
Pennsylvania.....	5, 156	2, 649	66	990	1, 564	29	2, 506
Rhode Island.....	89	88	-----	7	32	49	-----
South Carolina.....	413	363	46	237	2	78	49
South Dakota.....	4, 917	1, 517	64	307	1, 090	56	3, 399
Tennessee.....	435	421	95	241	-----	85	13
Texas.....	3, 963	1, 483	254	738	-----	491	2, 479
Utah.....	385	344	29	209	-----	106	40
Vermont.....	414	393	14	71	238	70	20
Virginia.....	366	365	100	223	-----	42	-----
Washington.....	1, 539	993	39	240	70	644	545
West Virginia.....	350	294	55	216	-----	23	55
Wisconsin.....	7, 258	1, 959	71	534	1, 281	73	5, 298
Wyoming.....	519	200	23	86	-----	91	313

<sup>1</sup> Includes Federal Government and the 48 States.

<sup>2</sup> Number of county governments; excludes areas corresponding to counties but having no organized county government.

<sup>3</sup> Includes towns in the 6 New England States, New York, and Wisconsin.

<sup>4</sup> Includes 15 special districts operating in more than one State. Each such district is counted only once in the tabulation—in the State in which its principal office is located.

<sup>5</sup> Excludes local school systems operated as part of State, county, municipal, or township governments.

Source: Department of Commerce, Bureau of the Census; *Governments in the United States in 1952*.

No. 456.—FEDERAL EXPENDITURES—AID TO STATE AND LOCAL GOVERNMENTS:  
1950 TO 1955

[In millions of dollars. For years ending June 30. Based on existing and proposed legislation]

TYPE OF AID, FUNCTION, AND MAJOR PROGRAM	1950	1951	1952	1953	1954	1955 esti- mate
<b>Federal aid to State and local governments, total</b> .....	2,269	2,434	2,604	2,857	2,657	3,251
<b>Grants-in-aid, total</b> .....	2,226	2,256	2,393	2,781	2,986	3,247
Veterans' services and benefits.....	15	9	7	6	6	7
Aid to State homes.....	3	4	4	4	4	4
State supervision of schools and training establishments.....	4	3	2	2	2	3
Administration of unemployment and other benefits.....	7	2	1	1		
<b>Welfare, health, and education</b> .....	1,393	1,508	1,598	1,839	1,891	1,933
Social security, welfare, and health.....	1,355	1,459	1,475	1,608	1,688	1,690
Public assistance.....	1,123	1,186	1,178	1,330	1,438	1,445
Vocational rehabilitation.....	25	16	22	22	23	27
Hospital construction.....	56	107	124	109	90	83
Maternal and child welfare.....	23	28	31	32	29	30
Public health.....	45	40	37	32	24	21
National school-lunch program.....	83	83	84	83	83	83
Education and general research.....	39	49	122	231	203	243
Vocational education.....	26	27	26	25	25	31
Assistance for school construction and operation in federally affected areas.....						
Other.....	12	5	5	200	173	206
				5	5	6
<b>Agriculture and agricultural resources</b> .....	106	98	84	97	213	290
Removal of surplus agricultural commodities.....	50	13	33	52	162	92
Commodity Credit Corporation contributions.....	12	40	5		(1)	75
School milk program.....						50
Cooperative agricultural extension work.....	32	33	33	33	32	40
Agricultural experiment stations.....	12	12	12	12	13	19
Watershed protection and flood prevention.....					6	13
<b>Natural resources</b> .....	17	18	20	23	25	29
Forestry cooperation.....	9	10	10	10	10	10
Wildlife and fish restoration.....	7	8	10	13	15	17
Other.....						2
<b>Commerce and manpower</b> .....	683	612	668	798	833	960
Transportation and communication.....	465	426	448	528	540	606
Federal-aid highway programs.....	429	394	414	500	522	591
Federal-aid airport program.....	33	30	33	27	17	14
Other.....	2	2	1	1	1	1
Housing and community development.....	10	7	34	68	90	159
Low-rent housing program.....	7	7	13	26	44	68
Slum clearance and urban renewal.....				8	12	48
Disaster relief.....			16	12	3	10
Civil defense, Federal contributions.....			1	13	14	15
Defense community facilities and services.....				4	13	6
Other.....	3	1	4	6	5	13
Labor and manpower: Unemployment compensation and employment service administration.....	208	178	187	202	203	195
<b>General government</b> .....	12	11	17	18	18	29
Grants to the Territories.....			5	7	6	7
Federal contribution to the District of Columbia.....	12	11	11	11	12	22
<b>Shared revenues</b> .....	27	31	38	51	66	79
Agriculture and agricultural resources.....	(1)	(1)	1	(1)	(1)	(1)
Natural resources.....	27	31	38	50	50	59
Oregon and California land-grant fund.....	2	2	3	6	6	13
Mineral Leasing Act.....	11	17	15	17	19	24
National forests fund.....	8	8	14	18	19	17
Tennessee Valley Authority: Payments in lieu of taxes.....	2	2	3	3	4	4
Other.....	3	2	2	6	3	3
General government.....						
Shared internal revenue collections, Territories.....					15	19
					15	19
<b>Loans and repayable advances</b> .....	15	147	173	25	395	75
Commerce and manpower: Housing and community development.....	15	147	173	25	397	82
Low-rent housing.....	20	142	159	32	410	85
Slum clearance and urban renewal.....	(1)	2	6	13	10	9
Other.....	3	3	7	13	3	6
General government: District of Columbia, loans for improvements.....				1	1	3
Other.....					1	4

<sup>1</sup> Less than \$500,000.

<sup>2</sup> Proposed legislation.

<sup>3</sup> Deduct.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*, Special Analysis G.



No. 457.—GOVERNMENTAL TAX REVENUE, BY SOURCE AND TYPE OF GOVERNMENT:  
1942 TO 1953

[In millions of dollars. See also *Historical Statistics*, series P 189-190]

YEAR AND TYPE OF GOVERNMENT	Total <sup>1</sup>	Individual income	Corporation income <sup>1</sup>	Sales, gross receipts, and customs	Property	Death and gift	Licenses, permits, and other
<b>TOTAL</b>							
1942.....	20,797	3,527	4,998	5,685	4,537	530	1,521
1945.....	50,075	18,727	15,547	8,454	4,802	769	1,776
1948.....	51,134	19,762	10,273	12,103	6,126	1,074	1,797
1949.....	50,358	16,105	11,844	12,596	6,842	959	2,012
1950.....	50,967	16,472	11,043	12,986	7,349	870	2,247
1951.....	63,585	22,569	14,795	14,936	7,926	906	2,452
1952.....	79,066	28,919	22,072	15,689	8,652	1,032	2,703
1953.....	83,564	30,881	22,055	17,275	9,255	1,107	2,990
<b>FEDERAL</b>							
1942.....	12,270	3,251	4,726	3,334	-----	419	540
1945.....	40,882	18,344	15,089	6,020	-----	636	793
1948.....	37,792	19,219	9,681	7,661	-----	890	341
1949.....	35,568	15,461	11,196	7,780	-----	780	351
1950.....	35,053	15,684	10,450	7,832	-----	698	389
1951.....	46,031	21,696	14,101	9,117	-----	708	409
1952.....	59,744	27,921	21,226	9,332	-----	818	446
1953.....	62,796	29,816	21,238	10,352	-----	881	508
<b>STATE AND LOCAL, TOTAL</b>							
1942.....	8,527	276	272	2,351	4,537	111	981
1945.....	9,193	383	458	2,434	4,802	133	983
1948.....	13,342	543	592	4,442	6,126	182	1,456
1949.....	14,790	644	648	4,816	6,842	179	1,661
1950.....	15,914	738	593	5,154	7,349	172	1,858
1951.....	17,554	873	694	5,819	7,926	199	2,042
1952.....	19,323	998	846	6,357	8,652	214	2,257
1953.....	20,768	1,065	817	6,922	9,255	226	2,482
<b>State</b>							
1942.....	3,903	249	269	2,218	264	110	793
1945.....	4,307	357	453	2,278	276	132	811
1948.....	6,743	499	585	4,042	276	179	1,161
1949.....	7,376	593	641	4,365	276	176	1,325
1950.....	7,930	724	586	4,670	307	168	1,475
1951.....	8,933	805	687	5,268	346	196	1,631
1952.....	9,857	913	838	5,730	370	211	1,795
1953.....	10,552	969	810	6,209	365	222	1,978
<b>Local</b>							
1942.....	4,624	27	3	133	4,273	1	188
1945.....	4,886	26	5	156	4,526	1	172
1948.....	6,599	44	7	400	5,850	3	295
1949.....	7,414	51	7	451	6,566	3	336
1950.....	7,984	64	7	484	7,042	4	383
1951.....	8,621	68	7	551	7,580	3	411
1952.....	9,466	85	8	627	8,282	3	462
1953.....	10,215	96	7	713	8,890	4	504
<b>PERCENT CHANGE, 1952 TO 1953</b>							
Total.....	5.7	6.8	-0.1	10.8	7.0	7.3	10.6
Federal.....	5.1	6.8	0.1	10.9	-----	7.7	13.9
State and local.....	7.5	6.7	-3.4	8.9	7.0	5.6	10.0
State.....	7.1	6.1	-3.3	8.4	-1.4	5.2	10.2
Local.....	7.9	12.9	-12.5	13.7	7.3	33.3	9.1
<b>PERCENT CHANGE, 1942 TO 1953</b>							
Total.....	301.8	775.6	341.3	203.9	104.0	108.9	96.6
Federal.....	411.8	817.1	349.4	210.5	-----	110.3	-05.9
State and local.....	143.6	285.9	200.4	194.4	104.0	103.6	153.0
State.....	170.4	289.2	201.1	179.9	38.3	101.8	149.4
Local.....	120.9	255.6	133.3	436.1	108.1	300.0	168.1

<sup>1</sup> Federal amounts include excess profits tax, as well as normal tax and surtax, and for years prior to 1948 include unjust enrichment tax.

Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1953*.

## No. 458.—GOVERNMENTAL REVENUE, BY SOURCE AND TYPE OF GOVERNMENT: 1953

[In millions of dollars]

REVENUE	All govern- ments	Federal	State and local	State	LOCAL <sup>1</sup>					
					Total	County	City	Town- ship	School dis- trict	Special dis- trict
<b>Total revenue</b> .....	(2)	75, 157	(2)	17, 979	(2)	4, 276	8, 948	883	35, 726	1, 017
Intergovernmental revenue.....	(2)	-----	(2)	2, 761	(2)	1, 656	1, 265	222	32, 467	75
Total revenue from own sources.....	105, 540	75, 157	30, 382	15, 218	15, 165	2, 619	7, 682	661	3, 259	943
General revenue, net of inter- governmental.....	92, 945	68, 694	24, 251	11, 750	12, 501	2, 488	5, 608	628	3, 234	542
Taxes, total.....	83, 564	62, 796	20, 768	10, 552	10, 215	1, 994	4, 545	558	2, 934	186
Property.....	9, 255	-----	9, 255	365	8, 890	1, 903	3, 378	531	2, 892	186
Individual income.....	30, 881	29, 816	1, 065	969	96	-----	93	-----	3	-----
Corporation income.....	22, 055	21, 238	817	810	7	-----	7	-----	-----	-----
Sales, gross receipts, and cus- toms.....	17, 275	10, 352	6, 922	6, 209	713	-----	-----	-----	-----	-----
Death and gift.....	1, 107	881	226	222	4	25	683	5	1	-----
Other, including licenses and permits.....	2, 990	508	2, 482	1, 978	504	65	379	22	38	(4)
Charges and miscellaneous.....	9, 381	5, 898	3, 483	1, 198	2, 285	494	1, 064	71	300	356
Utility and liquor store revenue.....	3, 348	-----	3, 348	967	2, 381	103	1, 852	31	-----	395
Liquor stores.....	1, 127	-----	1, 127	967	160	101	59	-----	-----	-----
Water supply system.....	921	-----	921	-----	921	1	823	18	-----	78
Electrical power system.....	726	-----	726	-----	726	-----	586	13	-----	126
Transit system.....	504	-----	504	-----	504	-----	336	-----	-----	167
Gas supply system.....	71	-----	71	-----	71	-----	48	-----	-----	23
Insurance-trust revenue, total.....	9, 247	6, 463	2, 783	2, 501	283	29	222	2	25	6
Employee retirement.....	1, 551	638	912	634	278	29	217	2	25	6
Unemployment compensation.....	1, 589	33	1, 555	1, 551	5	-----	5	-----	-----	-----
Old-age and survivors insur- ance.....	4, 449	4, 449	-----	-----	-----	-----	-----	-----	-----	-----
Other.....	1, 658	1, 342	316	316	-----	-----	-----	-----	-----	-----

<sup>1</sup> Subject to high sampling variation.<sup>2</sup> Not computed.<sup>3</sup> To avoid duplication, excludes revenue of individual school districts in the form of reimbursement from other school districts for tuition, transportation, etc.<sup>4</sup> Less than \$500,000.Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1953*.

## No. 459.—GOVERNMENTAL EXPENDITURE, BY CHARACTER AND OBJECT AND TYPE OF GOVERNMENT: 1953

[In millions of dollars]

EXPENDITURE	All govern- ments	Federal	State and local	State	LOCAL <sup>1</sup>					
					Total	County	City	Town- ship	School dis- trict	Special district
<b>Total expenditure</b> .....	(2)	80, 545	(2)	16, 850	(2)	4, 231	9, 139	911	36, 174	1, 344
Intergovernmental expenditure.....	(2)	2, 873	(2)	5, 384	(2)	166	78	28	(3)	26
Direct expenditure, total.....	110, 640	77, 672	32, 968	11, 466	21, 501	4, 065	9, 061	883	6, 174	1, 318
Current operation.....	61, 996	42, 000	19, 996	5, 540	14, 455	2, 627	5, 972	587	4, 685	584
Capital outlay, total.....	48, 644	35, 672	12, 972	5, 916	6, 046	1, 438	3, 089	223	1, 489	630
Construction.....	410, 498	3, 735	6, 763	2, 472	4, 291	602	1, 769	211	1, 164	546
Contract construction.....	9, 943	3, 735	6, 208	2, 235	3, 973	557	1, 563	200	1, 164	490
Force account construction.....	4, 555	(4)	555	238	318	45	206	11	-----	56
Land and existing structures.....	603	74	529	218	312	23	170	4	61	53
Equipment.....	15, 301	14, 689	612	157	455	90	181	20	133	31
Assistance and subsidies.....	8, 933	6, 376	2, 557	1, 501	1, 057	653	361	43	-----	-----
Interest on debt <sup>6</sup> .....	7, 301	6, 504	798	162	635	56	359	16	110	96
Insurance-trust benefits and withdrawals.....	6, 006	4, 294	1, 711	1, 416	296	15	250	1	22	8
Total personal services <sup>6</sup> .....	733, 070	19, 970	13, 100	3, 232	9, 868	1, 405	4, 179	313	3, 615	357

<sup>1</sup> Subject to sampling variation.<sup>2</sup> Not computed.<sup>3</sup> To avoid duplication, excludes payments between school districts for tuition, transportation services, etc.<sup>4</sup> Excludes federal expenditure for force account construction, not segregable from current operation expenditure.<sup>5</sup> Differs from amount shown as "interest on general debt" in table 460 because of inclusion here of \$184 million of interest on debt for local utilities included in utility expenditure in table 460. Includes expenditure for interest paid on obligations held as investments by social insurance, sinking, and other governmental funds.<sup>6</sup> Included in items shown above.<sup>7</sup> Includes pay and allowances of Armed Forces personnel totaling \$9,785 million.Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1953*.



## EXPENDITURES

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## No. 460.—GOVERNMENTAL EXPENDITURE, BY TYPE AND FUNCTION AND TYPE OF GOVERNMENT: 1953

[In millions of dollars]

EXPENDITURE	All govern- ments	Federal	State and local	State	LOCAL <sup>1</sup>					
					Total	Coun- ty	City	Town- ship	School dis- trict	Special dis- trict
<b>Total expenditure</b> .....	(2)	50,545	(2)	16,850	(2)	4,231	9,139	911	6,174	1,344
Intergovernmental expenditure.....	(2)	2,873	(2)	5,384	(2)	166	78	28	(2)	26
Direct expenditure, total.....	110,640	77,672	32,968	11,466	21,501	4,065	9,061	883	6,174	1,318
Direct general expenditures, total.....	101,288	73,378	27,910	9,294	18,616	3,966	6,779	844	6,153	874
National defense.....	50,498	50,498								
International assistance and foreign affairs.....	2,235	2,235								
Postal service.....	2,686	2,686								
Education.....	10,117	727	9,390	1,634	7,756	467	996	250	6,043	
Elementary and secondary.....	7,819	47	7,773	150	7,622	431	937	248	6,007	
All other.....	2,298	680	1,617	1,484	134	36	59	2	36	
Highways.....	5,053	66	4,987	2,781	2,207	951	947	242		67
Public welfare.....	2,956	42	2,914	1,534	1,380	892	430	58		
Categorical public assist- ance programs.....	2,167	8	2,159	1,307	853	580	251	22		
General relief.....	300		300	65	236	135	76	25		
Other public welfare.....	488	34	454	162	292	178	103	10		
Health <sup>4</sup> .....	698	271	427	170	258	109	142	6		( <sup>5</sup> )
Hospitals <sup>4</sup> .....	2,548	684	1,863	1,014	849	417	371	12		50
Police.....	1,160	122	1,038	119	919	131	752	36		
Local fire protection.....	598		598		598	19	544	29		6
Natural resources.....	3,730	3,025	705	531	173	103				70
Sanitation.....	908		908		908	19	765	72		53
Housing and community re- development.....	768	138	631	2	628	1	203			424
Veterans' services, not else- where classified.....	2,823	2,710	113	113						
Nonhighway transportation.....	1,361	1,084	277	46	230	18	116	( <sup>5</sup> )		96
General control.....	1,896	602	1,293	399	894	453	370	41		
Interest on general debt.....	7,118	6,504	614	162	452	56	215	15	110	57
Other and unallocable.....	4,166	1,984	2,182	788	1,394	331	929	83		52
Utility and liquor store expendi- ture.....	3,346		3,346	757	2,589	84	2,032	37		436
Liquor stores.....	890		890	757	133	82	51			
Water supply system.....	1,084		1,084		1,084	2	930	22		130
Electric power system.....	723		723		723		587	16		121
Transit system.....	582		582		582		416			166
Gas supply system.....	68		68		68		48			20
Insurance-trust expenditure.....	6,006	4,294	1,711	1,416	296	15	250	1	22	8
Employee retirement.....	948	363	585	292	294	15	248	1	22	8
Unemployment compensa- tion.....	1,008	98	910	908	2		2			
Old-age and survivors in- surance.....	2,728	2,728								
Veterans' life insurance.....	645	645								
Other.....	676	490	216	216						

<sup>1</sup> Subject to sampling variation.<sup>2</sup> Not computed.<sup>3</sup> To avoid duplication, excludes payments between school districts for tuition, transportation services, etc.<sup>4</sup> Figures for "hospitals" include direct expenditure for public hospitals only; grants and subsidies for private hospitals included in expenditure for "health."<sup>5</sup> Less than \$500,000.Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1953*.

## No. 461.—TOTAL GOVERNMENTAL DEBT, BY LEVEL OF GOVERNMENT: 1902 TO 1953

[For years 1902-32, 1952, and 1953 data are as of fiscal year endings; data for years 1940-51 are as of June 30]

YEAR	AMOUNT (millions of dollars)					PER CAPITA <sup>1</sup> (dollars)				
	All govern-ments	Federal	State and local			All govern-ments	Federal	State and local		
			Total	State	Local			Total	State	Local
1902.....	3,373	1,178	2,195	270	1,925	43	15	28	3	24
1912.....	5,692	1,194	4,498	423	4,075	60	13	46	4	42
1922.....	33,219	22,963	10,256	1,163	9,093	302	209	93	11	83
1932.....	39,063	19,487	19,576	2,896	16,680	313	156	157	23	134
1940.....	63,214	42,968	20,246	3,526	16,720	480	326	154	27	127
1942.....	92,112	72,422	19,690	3,211	16,479	684	538	146	24	122
1944.....	218,474	201,003	17,471	2,768	14,703	1,582	1,456	127	20	106
1945.....	275,271	258,682	16,589	2,425	14,164	1,972	1,853	119	17	101
1947.....	275,111	258,286	16,825	2,978	13,847	1,910	1,793	117	21	96
1948.....	270,994	252,292	18,702	3,722	14,980	1,849	1,721	128	25	102
1949.....	273,645	252,770	20,875	4,024	16,851	1,834	1,694	140	27	113
1950.....	281,548	257,357	24,191	5,361	18,830	1,868	1,708	161	36	125
1951.....	282,262	255,222	27,040	6,373	20,667	1,828	1,653	175	41	134
1952.....	289,205	259,105	30,100	6,874	23,226	1,842	1,651	192	44	148
1953.....	299,630	266,071	33,560	7,824	25,735	1,892	1,680	212	49	162

<sup>1</sup> Based on population estimates as of July 1 including Armed Forces overseas, except for 1940 and 1950 which are based on enumerated population (Apr. 1) of continental U. S.Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1953*.

## No. 462.—GENERAL REVENUE, GENERAL EXPENDITURE, AND TOTAL GOVERNMENTAL DEBT, PERCENT DISTRIBUTION AND PER CAPITA AMOUNTS, BY LEVEL OF GOVERNMENT: 1953

ITEM	PERCENT DISTRIBUTION				PER CAPITA <sup>1</sup> (dollars)				
	All govern-ments	Fed-eral	State	Local	All govern-ments	Fed-eral	State and local		
							Total	State	Local
General revenue, total net of intergovern-mental.....	100.0	74.2	12.6	13.4	586.87	433.74	153.12	74.19	78.93
Taxes, total.....	100.0	75.1	12.6	12.2	527.63	396.50	131.13	66.63	64.50
Property.....	100.0		3.9	96.1	58.44		58.44	2.30	56.14
Individual income.....	100.0	96.6	3.1	0.3	194.99	188.26	6.72	6.12	0.61
Corporation income.....	100.0	96.3	3.7	(2)	139.26	134.10	5.16	5.11	0.05
Sales, gross receipts, and customs.....	100.0	59.9	35.9	4.1	109.07	65.37	43.71	39.20	4.50
Death and gift.....	100.0	79.6	20.1	0.3	6.99	5.56	1.43	1.40	0.03
Other, including licenses and permits.....	100.0	17.0	66.1	16.9	18.88	3.21	15.67	12.49	3.18
Charges and miscellaneous.....	100.0	62.9	12.8	24.4	59.24	37.24	21.99	7.56	14.43
Direct general expenditure, total.....	100.0	72.4	9.2	18.4	639.54	463.32	176.23	58.68	117.54
National defense.....	100.0	100.0			318.85	318.85			
International assistance and foreign affairs.....	100.0	100.0			14.11	14.11			
Postal service.....	100.0	100.0			16.96	16.96			
Education.....	100.0	7.2	16.2	76.7	63.88	4.59	59.29	10.32	48.97
Elementary and secondary schools.....	100.0	0.6	1.9	97.5	49.37	0.29	49.08	0.95	48.13
All other.....	100.0	29.6	64.6	5.8	14.51	4.30	10.21	9.37	0.85
Highways.....	100.0	1.3	55.0	43.7	31.90	0.41	31.49	17.56	13.93
Public welfare.....	100.0	1.4	51.9	46.7	18.66	0.27	18.40	9.68	8.71
Categorical public assistance program.....	100.0	0.4	60.3	39.3	13.68	0.05	13.63	8.25	5.38
General relief.....	100.0		21.6	78.4	1.90		1.90	0.41	1.49
Other public welfare.....	100.0	7.0	33.2	59.7	3.08	0.22	2.87	1.02	1.84
Health.....	100.0	38.8	24.3	36.9	4.40	1.71	2.70	1.07	1.63
Hospitals.....	100.0	26.9	39.8	33.3	16.09	4.32	11.76	6.40	5.36
Police.....	100.0	10.5	10.3	79.2	7.32	0.77	6.56	0.75	5.80
Local fire protection.....	100.0			100.0	3.77		3.77		3.77
Natural resources.....	100.0	81.1	14.3	4.6	23.55	19.10	4.45	3.36	1.09
Sanitation.....	100.0			100.0	5.73		5.73		5.73
Housing and community redevelopment.....	100.0	17.9	0.3	81.8	4.85	0.87	3.98	0.01	3.96
Veterans' services, not elsewhere classified.....	100.0	96.0	4.0		17.83	17.11	0.71	0.71	
Nonhighway transportation.....	100.0	79.7	3.4	16.9	8.59	6.85	1.75	0.29	1.46
General control.....	100.0	32.3	21.4	46.3	11.78	3.80	7.98	2.52	5.46
Interest on general debt.....	100.0	91.4	2.3	6.3	44.94	41.06	3.88	1.03	2.85
Other and unallocable.....	100.0	47.6	18.9	33.5	26.31	12.53	13.78	4.97	8.80
Total debt outstanding at end of fiscal year.....	100.0	88.8	2.6	8.6	1,891.90	1,680.01	211.90	49.40	162.49

<sup>1</sup> Based on population estimates as of July 1, including Armed Forces overseas.<sup>2</sup> Less than 1/20 of 1 percent.Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1953*.



## No. 463.—GOVERNMENTAL DEBT OUTSTANDING, BY TYPE OF GOVERNMENT: 1953

[In millions of dollars. As of end of fiscal year]

DEBT	All govern- ments	Federal	State and local	State	LOCAL <sup>1</sup>					
					Total	County	City	Town- ship	School district	Special district
Debt outstanding, total	299,630	266,071	33,560	7,824	25,735	2,454	13,558	434	4,712	4,577
Long-term, total	(3)	(3)	31,782	7,505	24,277	2,370	12,913	425	4,551	4,018
Net long-term	(3)	(3)	28,331	6,296	22,035	2,257	11,265	423	4,401	3,689
Full faith and credit	(3)	(3)	25,258	5,158	20,100	2,128	9,965	388	4,551	3,068
Nonguaranteed	(3)	(3)	6,524	2,347	4,177	242	2,947	37	-----	950
Short-term	(3)	(3)	1,778	320	1,458	84	646	9	161	559

<sup>1</sup> Subject to sampling variation.<sup>2</sup> "Public debt" of the U. S. Government; excludes guaranteed obligations not owned by Treasury (interest-bearing debt of Commodity Credit Corporation and Federal Housing Administration) and nonguaranteed debt of Federal agencies.<sup>3</sup> The distinction between long-term and short-term debt is not applied to Federal debt figures.Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1953*.

## No. 464.—DEBT TRANSACTIONS OF STATE AND LOCAL GOVERNMENTS, BY TYPE OF GOVERNMENT: 1953

[In millions of dollars]

DEBT	State and local	State	LOCAL <sup>1</sup>					
			Total	County	City	Town- ship	School district	Special district
Long-term debt issued, total	4,768	1,297	3,470	435	1,636	115	921	363
Original issues	4,489	1,251	3,239	435	1,408	115	921	361
Refunding issues	278	47	232	1	229	-----	-----	3
Long-term debt retired, total	1,982	444	1,539	164	948	46	241	140
Redeemed	1,691	397	1,294	163	708	45	241	137
Refunded	291	47	244	1	240	1	-----	3
Total borrowing	5,004	1,351	3,652	457	1,489	119	1,006	581
Total debt redemption	1,810	404	1,405	179	759	54	266	147

<sup>1</sup> Subject to high sampling variation.Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1953*.

## No. 465.—CASH AND SECURITY HOLDINGS OF STATE AND LOCAL GOVERNMENTS, BY TYPE OF GOVERNMENT: 1953

[In millions of dollars]

HOLDINGS	State and local	State	LOCAL <sup>1</sup>					
			Total	County	City	Town- ship	School district	Special district
Total	37,084	23,663	13,421	2,220	7,481	381	2,318	1,020
Distribution by type of holding:								
Cash and deposits	17,846	12,053	5,793	1,574	2,080	291	1,488	359
Federal securities	12,643	8,141	4,502	469	2,775	71	639	547
Own-government securities	2,559	369	2,190	18	2,093	3	22	54
Other State and local government securities	1,571	1,309	262	56	130	(3)	28	47
Nongovernmental securities	2,465	1,790	675	102	403	14	141	14
Distribution by purpose of holding:								
Offsets to long-term debt	3,450	1,208	2,242	113	1,648	3	150	328
Unemployment compensation	8,482	8,427	55	-----	55	-----	-----	-----
Employee retirement	7,402	4,638	2,764	137	2,333	9	254	31
Other insurance trust systems	1,088	1,088	-----	-----	-----	-----	-----	-----
All other	16,662	8,302	8,360	1,970	3,445	369	1,915	661

<sup>1</sup> Subject to sampling variation.<sup>2</sup> Includes \$3,409 million in State unemployment compensation fund balances on deposit in U. S. Treasury.<sup>3</sup> Less than \$500,000.Source: Department of Commerce, Bureau of the Census; annual report, *Summary of Governmental Finances in 1953*.

## No. 466.—SUMMARY OF STATE GOVERNMENT FINANCES: 1942 TO 1953

[In millions of dollars, except per capita]

ITEM	1942	1944	1946	1948	1950	1952	1953	Per capita, 1953 <sup>1</sup>
<b>Revenue and borrowing</b> -----	<b>7,040</b>	<b>7,721</b>	<b>8,652</b>	<b>12,736</b>	<b>15,331</b>	<b>17,962</b>	<b>19,330</b>	<b>\$124.77</b>
Borrowing-----	170	26	77	910	1,428	1,147	1,351	8.72
Revenue, total-----	6,870	7,695	8,576	11,826	13,903	16,815	17,979	116.04
General revenue-----	5,132	5,465	6,283	9,257	11,262	13,429	14,511	93.66
Taxes, total-----	3,903	4,071	4,937	6,743	7,930	9,857	10,552	68.11
Sales and gross receipts-----	2,218	2,153	2,803	4,042	4,670	5,730	6,209	40.08
General-----	632	720	899	1,478	1,670	2,229	2,433	15.70
Motor fuels-----	940	684	886	1,259	1,544	1,870	2,019	13.03
Alcoholic beverages-----	257	267	402	425	420	442	465	3.00
Tobacco products-----	130	159	198	337	414	449	469	3.03
Insurance-----	113	125	145	193	241	284	320	2.06
Public utilities-----	100	125	132	155	185	228	249	1.61
Other-----	45	73	142	194	195	228	255	1.64
Licenses-----	708	703	783	1,000	1,228	1,476	1,630	10.52
Motor vehicles and operators-----	431	394	439	593	755	924	1,012	6.53
Corporations in general-----	93	115	121	149	176	226	266	1.72
Alcoholic beverages-----	56	57	67	74	77	77	79	.51
Hunting and fishing-----	24	23	33	48	60	70	77	.49
Other-----	104	114	123	136	160	178	196	1.27
Individual income-----	249	316	389	499	724	913	969	6.25
Corporation net income-----	269	446	442	585	586	838	810	5.23
Property-----	264	243	249	276	307	370	365	2.36
Death and gift-----	110	110	141	179	168	211	222	1.43
Severance-----	62	71	90	131	211	272	286	1.85
Other-----	23	30	41	30	36	47	61	.39
Intergovernmental revenue-----	858	981	864	1,740	2,423	2,485	2,761	17.82
From Federal Government-----	802	926	802	1,643	2,275	2,329	2,570	16.59
Public welfare-----	369	415	432	731	1,107	1,149	1,328	8.57
Education-----	137	215	99	320	345	293	306	1.98
Highways-----	169	144	66	303	438	413	511	3.30
Employment security administration-----	57	36	63	152	168	187	194	1.25
Other-----	69	116	140	137	217	287	231	1.49
From local governments-----	56	55	63	97	148	156	191	1.23
Charges and miscellaneous general revenue-----	370	413	482	774	909	1,087	1,198	7.73
Liquor stores revenue-----	373	528	798	857	810	924	967	6.24
Insurance trust revenue-----	1,366	1,702	1,494	1,711	1,831	2,462	2,501	16.14
Employee retirement-----	115	142	193	296	425	579	634	4.09
Unemployment compensation-----	1,134	1,405	1,162	1,203	1,176	1,597	1,551	10.01
Other-----	117	154	140	212	229	287	316	2.04
<b>Debt outstanding at end of fiscal year, total</b> -----	<b>3,257</b>	<b>2,776</b>	<b>2,353</b>	<b>3,676</b>	<b>5,235</b>	<b>6,874</b>	<b>7,824</b>	<b>50.50</b>
Long-term-----	3,096	2,768	2,328	3,563	5,163	6,640	7,505	48.44
Full faith and credit-----	2,641	2,281	1,970	3,070	4,209	4,926	5,158	33.29
Nonguaranteed-----	455	486	358	499	953	1,714	2,347	15.15
Short-term-----	161	8	25	103	118	235	320	2.06
Net long-term-----	2,563	2,112	1,727	2,911	4,246	5,620	6,296	40.64
Full faith and credit only-----	2,123	1,710	1,381	2,440	3,379	3,984	4,069	26.26

<sup>1</sup> Based on estimated population on July 1, 1952, excluding Armed Forces overseas.



## No. 466.—SUMMARY OF STATE GOVERNMENT FINANCES: 1942 TO 1953—Continued

[In millions of dollars, except per capita]

ITEM	1942	1944	1946	1948	1950	1952	1953	Per capita, 1953 <sup>1</sup>
<b>Expenditure and debt redemption-----</b>	<b>5,746</b>	<b>5,400</b>	<b>7,296</b>	<b>11,382</b>	<b>15,373</b>	<b>16,329</b>	<b>17,254</b>	<b>\$111.37</b>
Debt redemption-----	403	240	231	202	291	495	404	2.61
Expenditure, total-----	5,343	5,161	7,066	11,181	15,082	15,834	16,850	108.76
General expenditure-----	4,549	4,508	5,245	9,469	12,250	13,697	14,677	94.73
Public safety-----	146	149	162	249	328	378	414	2.67
Public welfare-----	913	945	1,056	1,610	2,358	2,386	2,514	16.23
Old-age assistance-----	509	647	709	988	1,396	1,400	1,484	9.58
Aid to dependent children-----	134	121	153	306	480	506	520	3.36
Other (including all public welfare administration)-----	270	177	195	315	481	479	510	3.29
Education-----	1,182	1,350	1,471	2,636	3,413	4,026	4,382	28.28
State institutions of higher education-----	296	380	397	895	1,107	1,180	1,277	8.24
Intergovernmental expenditure-----	790	861	953	1,554	2,054	2,525	2,740	17.69
Other-----	95	109	121	186	251	321	365	2.35
Highways-----	1,134	838	952	2,016	2,668	3,290	3,584	23.13
Regular State highway facilities-----	771	534	606	1,476	1,953	2,266	2,587	16.70
State toll highway facilities-----	19	6	7	34	105	290	194	1.25
Intergovernmental expenditure-----	344	298	339	507	610	734	803	5.18
Health and hospitals-----	311	347	447	700	1,042	1,258	1,313	8.47
State hospitals and institutions for handicapped-----	235	253	308	533	788	968	1,014	6.54
Other-----	75	94	139	167	254	290	299	1.93
Natural resources-----	160	165	209	346	477	548	543	3.50
Employment security administration-----	59	35	60	150	172	177	187	1.21
General control-----	166	164	195	270	322	368	406	2.62
Miscellaneous and unallocable-----	479	515	692	1,493	1,470	1,267	1,335	8.62
Veterans' services-----	1	1	54	633	462	143	114	.74
State aid for unspecified purposes-----	224	274	357	428	482	510	592	3.82
Interest-----	122	101	84	86	109	144	162	1.05
Other (includes intergovernmental aid for specific purposes n. e. c.)-----	132	138	196	345	417	470	466	3.01
Liquor stores expenditure-----	288	426	663	691	654	723	757	4.89
Insurance trust expenditure-----	505	226	1,158	1,020	2,177	1,413	1,416	9.14
Employee retirement-----	65	71	92	123	163	247	292	1.88
Unemployment compensation-----	369	65	965	756	1,845	971	908	5.86
Other-----	71	90	102	141	169	195	216	1.39
<b>Expenditure by character and object:</b>								
Direct expenditure-----	3,563	3,319	4,974	7,897	10,864	10,790	11,467	74.01
Current operation-----	1,827	2,134	2,701	3,837	4,450	5,173	5,540	35.76
Capital outlay-----	642	330	368	1,456	2,237	2,658	2,847	18.38
Construction-----	(2)	288	292	1,268	1,966	2,323	2,472	15.96
Purchase of land and existing structures-----	(2)	15	33	71	131	178	218	1.41
Equipment-----	(2)	27	42	117	141	158	157	1.01
Assistance and subsidies-----	466	527	663	1,499	1,891	1,402	1,501	9.69
Interest on debt-----	122	101	84	86	109	144	162	1.05
Insurance benefits and repayments-----	505	226	1,158	1,020	2,177	1,413	1,416	9.14
Intergovernmental expenditure-----	1,780	1,842	2,092	3,283	4,217	5,044	5,384	34.75
<b>Cash and security holdings, end of fiscal year, total-----</b>	<b>(2)</b>	<b>(2)</b>	<b>(2)</b>	<b>(2)</b>	<b>(2)</b>	<b>21,492</b>	<b>23,663</b>	<b>152.73</b>
Unemployment fund balance in U. S. Treasury-----	(2)	(2)	(2)	(2)	(2)	7,757	8,414	54.31
Cash and other deposits-----	(2)	(2)	(2)	(2)	(2)	3,558	3,639	23.49
Securities-----	(2)	(2)	(2)	(2)	(2)	10,177	11,609	74.93
<b>Total by purpose:</b>								
Insurance trust-----	(2)	(2)	(2)	(2)	(2)	12,810	14,153	91.35
Debt offsets-----	(2)	(2)	(2)	(2)	(2)	1,019	1,208	7.80
Other-----	(2)	(2)	(2)	(2)	(2)	7,662	8,302	53.58

<sup>1</sup> Based on estimated population on July 1, 1952, excluding Armed Forces overseas.<sup>2</sup> Not available.Source: Department of Commerce, Bureau of the Census; special study, *Revised Summary of State Government Finances, 1942-1950*, and annual report, *Compendium of State Government Finances*.

## No. 467.—GENERAL REVENUE AND GENERAL EXPENDITURE

[In thousands of dollars. See also

	STATE	GENERAL REVENUE					GENERAL EXPENDITURE		
		Total	Taxes <sup>1</sup>	Intergovernmental revenue		Charges and miscellaneous	Total	Public safety	Public welfare
				From Federal government	From local governments				
1	<b>Total.....</b>	<b>14,511,307</b>	<b>10,552,194</b>	<b>2,570,031</b>	<b>191,127</b>	<b>1,197,955</b>	<b>14,677,301</b>	<b>414,031</b>	<b>2,514,345</b>
2	Alabama.....	243,626	158,963	56,398	4,864	23,401	240,325	4,580	32,806
3	Arizona.....	109,210	74,540	20,516	720	13,434	106,625	2,408	15,195
4	Arkansas.....	154,955	102,492	43,058	523	8,882	148,028	2,117	31,856
5	California.....	1,542,811	1,141,517	293,774	12,145	95,375	1,552,957	54,064	298,075
6	Colorado.....	172,657	111,431	42,378	1,881	16,967	169,467	4,124	59,673
7	Connecticut.....	177,711	138,306	19,585	1,918	17,902	174,544	8,070	30,023
8	Delaware.....	43,209	25,573	5,481	440	11,715	64,170	1,693	3,286
9	Florida.....	321,575	252,485	50,136	2,363	16,591	296,400	5,321	49,341
10	Georgia.....	310,570	218,055	72,534	3,127	16,854	314,230	5,020	58,175
11	Idaho.....	64,208	38,765	16,095	1,143	8,205	197,774	1,332	9,796
12	Illinois.....	655,771	514,435	115,228	3,368	22,740	626,646	23,650	147,205
13	Indiana.....	370,354	284,117	47,112	2,833	36,292	340,381	9,937	28,823
14	Iowa.....	244,295	169,353	44,813	10,193	19,936	273,687	5,989	43,531
15	Kansas.....	199,249	137,238	42,182	3,359	16,470	197,774	4,510	32,933
16	Kentucky.....	201,613	137,911	51,832	260	11,610	208,324	5,563	40,921
17	Louisiana.....	434,374	287,188	89,769	4,384	53,033	407,571	6,003	109,930
18	Maine.....	81,982	56,702	15,065	2,890	7,325	83,767	2,830	14,970
19	Maryland.....	210,674	165,486	21,337	2,935	20,916	246,016	11,189	15,291
20	Massachusetts.....	429,282	321,734	71,752	16,851	18,945	499,225	18,327	119,322
21	Michigan.....	754,838	582,444	98,102	7,495	66,797	783,287	22,152	95,581
22	Minnesota.....	336,329	227,589	57,747	4,326	46,667	320,553	9,484	42,009
23	Mississippi.....	169,351	112,427	43,642	1,532	11,750	172,680	3,404	25,857
24	Missouri.....	320,098	207,221	99,165	1,104	12,608	310,796	6,373	109,468
25	Montana.....	71,648	37,406	20,822	1,636	11,784	96,577	1,934	13,561
26	Nebraska.....	103,763	60,625	24,111	5,437	13,590	104,783	3,203	18,130
27	Nevada.....	30,288	16,804	9,402	550	3,532	27,858	614	2,309
28	New Hampshire.....	42,841	26,967	8,109	1,784	5,981	44,788	1,486	7,429
29	New Jersey.....	280,645	189,001	39,178	15,137	37,329	298,755	16,930	28,068
30	New Mexico.....	120,336	70,368	23,565	500	25,903	110,505	2,253	13,984
31	New York.....	1,364,478	1,119,831	166,136	9,380	69,131	1,337,802	44,349	214,642
32	North Carolina.....	374,058	287,817	55,706	3,269	27,266	414,087	8,891	32,144
33	North Dakota.....	87,611	44,472	16,775	1,674	24,690	82,019	1,349	9,131
34	Ohio.....	636,174	491,594	92,000	9,587	42,993	606,968	20,736	110,835
35	Oklahoma.....	295,926	196,181	71,487	527	27,731	322,966	5,579	101,540
36	Oregon.....	186,354	129,779	33,613	6,431	16,531	233,456	5,294	31,373
37	Pennsylvania.....	772,555	594,795	102,549	13,313	61,898	802,576	24,197	108,083
38	Rhode Island.....	73,371	56,172	12,857	386	3,956	68,043	2,048	15,463
39	South Carolina.....	213,420	159,477	35,391	2,183	16,369	206,132	3,391	24,226
40	South Dakota.....	69,506	36,060	19,999	1,973	11,474	65,216	1,330	9,861
41	Tennessee.....	261,513	185,458	60,923	4,005	11,127	259,604	5,398	44,354
42	Texas.....	683,631	447,430	138,010	9,089	89,102	602,829	11,745	106,806
43	Utah.....	79,475	49,805	21,409	283	7,978	86,856	2,010	13,439
44	Vermont.....	38,226	27,618	7,738	1,213	1,657	35,460	1,708	5,488
45	Virginia.....	261,646	188,654	32,701	1,921	38,370	276,294	11,510	15,181
46	Washington.....	355,111	265,630	54,521	2,540	32,420	385,157	8,657	93,533
47	West Virginia.....	172,243	123,942	37,266	559	10,476	201,410	3,648	32,371
48	Wisconsin.....	339,023	252,885	52,650	6,919	26,569	361,866	6,595	44,610
49	Wyoming.....	48,723	27,451	15,412	177	5,683	46,658	1,036	3,717

<sup>1</sup> See also table 466.



## OF STATE GOVERNMENTS, BY STATES: 1953

Historical Statistics, series P 188-211]

GENERAL EXPENDITURE—continued												
Education			Highways	Health and hospitals		Natural resources	General control	Veterans' services	Interest	All other	Total inter-governmental expenditure	
Total <sup>a</sup>	State institutions of higher education	Inter-governmental		State hospitals and institutions for the handicapped	Other							
4,381,720	1,277,096	2,740,085	3,583,810	1,013,838	299,148	542,887	406,026	114,062	162,390	1,245,044	5,383,589	1
105,442	23,643	77,049	52,517	8,354	6,749	7,642	5,789	378	2,057	14,011	111,393	2
26,435	10,910	14,166	27,634	3,069	929	7,905	3,283	30	93	19,644	32,433	3
46,109	15,001	28,105	37,109	6,531	2,553	5,870	3,532	44	3,983	8,324	40,520	4
560,383	167,417	376,412	267,358	67,290	25,273	78,470	49,429	5,603	10,757	136,255	855,626	5
37,424	19,474	15,947	39,005	11,824	1,788	6,649	4,069	90	507	4,314	90,661	6
37,198	14,612	14,834	38,963	26,755	3,821	4,770	8,385	18	2,522	14,019	23,966	7
26,510	4,164	12,296	19,708	4,205	1,352	1,251	1,961	13	2,635	1,556	13,906	8
95,487	24,487	64,386	77,876	13,551	7,966	20,160	9,021	235	2,258	15,184	90,185	9
123,621	26,968	84,404	71,942	13,277	11,920	13,301	6,612	754	1,055	8,553	115,074	10
13,354	6,346	5,856	22,794	2,403	987	5,450	1,388	22	24	3,633	12,912	11
145,783	66,570	72,761	168,318	60,813	11,632	16,061	17,568	1,463	8,024	26,129	162,641	12
118,842	51,973	64,389	86,387	25,279	4,933	10,096	8,760	36,713	461	10,150	130,426	13
61,519	34,498	24,891	97,585	14,530	2,542	10,063	4,691	422	448	32,367	83,397	14
53,592	26,735	24,335	60,837	14,232	2,462	7,276	5,445	236	163	16,088	79,661	15
51,721	12,061	36,383	65,261	8,234	7,894	10,256	7,855	90	256	10,273	46,571	16
115,158	28,226	78,611	61,123	23,219	5,262	14,633	8,404	438	7,592	55,809	126,144	17
15,895	4,548	6,716	31,092	4,651	1,826	5,965	2,461	1	804	3,272	11,235	18
59,504	20,631	34,012	75,524	27,361	8,249	6,399	9,234	62	3,931	29,272	92,114	19
45,089	10,569	30,696	101,850	62,642	6,334	5,754	16,768	463	6,529	116,147	220,914	20
285,917	86,005	191,078	180,381	54,065	25,648	18,686	12,863	987	6,140	80,867	356,709	21
109,056	46,060	60,607	90,333	24,718	3,030	14,583	6,631	269	2,228	18,212	123,575	22
54,170	13,981	34,771	51,294	6,322	5,143	8,497	3,209	166	2,065	12,553	61,290	23
78,698	20,627	55,828	65,719	14,821	3,475	9,033	9,272	276	800	12,861	63,923	24
25,253	10,560	13,900	21,995	3,835	911	5,449	2,012	18,054	1,149	2,424	15,484	25
24,882	14,167	9,155	37,860	8,512	1,191	5,188	1,696	61	31	4,029	39,146	26
5,048	1,611	2,953	12,267	482	543	3,897	1,194	10	28	1,466	4,603	27
6,483	4,450	988	14,763	4,012	1,071	3,494	1,844	20	505	3,681	2,785	28
51,670	19,934	27,384	103,516	34,402	7,148	10,278	12,608	347	10,136	23,652	66,868	29
49,774	12,561	35,077	27,202	2,561	1,572	4,198	3,892	78	807	4,184	38,360	30
362,683	49,117	296,181	210,492	170,135	35,331	34,664	56,030	2,132	24,124	183,220	674,033	31
176,119	39,113	16,085	120,273	22,281	9,957	12,689	7,026	328	6,593	17,786	63,374	32
19,845	9,563	9,625	24,369	2,798	775	5,421	1,641	213	881	15,596	15,519	33
149,909	48,108	96,925	175,619	43,396	8,647	13,563	16,224	176	7,652	60,211	256,426	34
83,540	31,815	48,533	91,305	13,938	2,497	9,047	5,514	170	3,695	6,141	78,514	35
52,399	16,338	32,821	73,362	9,487	1,546	15,748	8,030	26,388	1,523	8,306	53,303	36
236,351	33,131	165,232	225,898	74,605	21,603	23,676	23,655	643	18,928	44,937	205,737	37
10,066	4,483	3,730	11,941	6,456	1,657	1,699	3,898	-----	1,280	13,535	12,839	38
81,381	14,581	57,870	40,679	10,847	4,040	21,118	4,425	274	2,107	13,644	74,234	39
12,681	7,225	4,857	26,347	3,008	644	3,822	1,273	65	425	5,760	7,265	40
81,779	20,570	56,651	71,603	9,299	10,101	8,607	5,134	182	2,141	21,006	87,224	41
266,431	64,376	192,655	141,804	30,172	7,831	12,958	9,568	326	1,885	13,303	209,536	42
33,143	14,577	16,967	23,734	2,526	1,403	4,058	2,342	3	38	4,160	21,939	43
5,003	695	3,007	13,207	2,483	1,383	2,296	1,877	444	70	1,501	6,297	44
97,969	30,291	61,564	83,038	23,237	5,739	9,963	8,276	239	1,147	19,995	95,182	45
130,729	36,899	91,035	77,798	13,107	7,067	17,290	7,931	1,048	5,156	22,841	134,320	46
62,712	14,215	46,252	55,207	6,579	4,675	5,543	4,455	13,983	6,483	5,754	51,113	47
72,968	39,000	30,766	93,375	16,544	9,334	16,278	7,727	105	171	94,159	204,609	48
15,995	4,210	11,339	15,546	990	714	3,173	1,124	-----	103	4,260	19,703	49

<sup>a</sup> Includes amounts for items not shown separately.Source: Department of Commerce, Bureau of the Census; annual report, *Compendium of State Government Finances in 1953*.

## No. 468.—STATE TAX COLLECTIONS, BY TYPE OF TAX, BY STATES: 1954

[In thousands of dollars. Includes local shares of State-imposed taxes. Preliminary data]

STATE	Total <sup>1</sup>	SALES AND GROSS RECEIPTS					Motor vehicle and operators licenses	Individual income	Corporation net income	Property
		Total <sup>1</sup>	General sales or gross receipts	Motor vehicle fuels	Alcoholic beverages	Tobacco products				
Number of States using tax.....	48	48	32	48	48	41	48	31	33	45
<b>Total.....</b>	<b>11,071,640</b>	<b>6,572,096</b>	<b>2,535,956</b>	<b>2,222,923</b>	<b>462,582</b>	<b>463,873</b>	<b>1,093,518</b>	<b>21,004,448</b>	<b>2 771,527</b>	<b>379,628</b>
Alabama.....	159,890	119,512	60,689	42,837	1,570	7,810	3,683	<sup>2</sup> 15,207	<sup>2</sup> 1,036	9,161
Arizona.....	77,926	49,146	24,913	15,538	2,468	2,175	5,318	5,098	5,032	10,976
Arkansas.....	105,737	74,170	29,094	29,399	5,541	6,641	10,633	3,933	8,114	286
California.....	1,242,401	793,686	463,733	230,508	19,530	-----	91,759	96,254	125,841	79,585
Colorado.....	113,043	69,302	33,855	27,048	3,777	-----	8,572	12,867	6,153	7,827
Connecticut.....	165,302	111,118	53,773	24,362	6,051	8,774	13,377	-----	25,337	204
Delaware.....	41,846	11,548	-----	5,756	1,440	1,480	2,972	10,945	-----	<sup>3</sup> 1,325
Florida.....	267,766	203,545	65,889	74,673	28,917	3,882	32,996	-----	-----	6,196
Georgia.....	224,666	185,647	102,676	57,332	10,235	8,949	7,035	13,053	13,121	1,114
Idaho.....	37,593	17,598	-----	12,173	810	1,591	5,623	5,218	2,908	2,316
Illinois.....	545,844	447,827	208,557	116,288	24,461	31,777	72,420	-----	-----	335
Indiana.....	285,928	226,726	139,174	53,389	13,280	13,481	29,415	-----	-----	14,446
Iowa.....	187,972	118,995	61,825	41,004	3,233	7,336	37,301	20,881	2,258	130
Kansas.....	140,050	92,702	46,680	31,410	4,851	5,242	17,579	11,537	3,550	8,429
Kentucky.....	138,128	78,121	-----	46,206	9,467	5,797	9,938	20,493	8,343	12,024
Louisiana.....	294,710	172,763	63,459	45,278	17,313	19,581	10,223	<sup>2</sup> 17,028	( <sup>2</sup> )	10,660
Maine.....	56,403	41,915	13,777	15,515	2,043	5,210	7,397	-----	-----	883
Maryland.....	181,304	103,577	32,797	38,085	6,879	-----	18,442	28,654	13,961	6,266
Massachusetts.....	327,561	125,911	-----	53,743	21,725	27,537	19,829	71,539	26,066	227
Michigan.....	616,365	433,430	288,658	88,913	7,528	25,976	57,800	-----	-----	32,622
Minnesota.....	246,467	93,939	-----	42,649	13,821	11,312	29,256	50,917	14,505	12,669
Mississippi.....	117,500	84,366	33,436	35,281	4,307	6,908	4,246	5,297	10,940	1,525
Missouri.....	224,370	145,398	92,201	37,921	5,648	-----	29,452	<sup>2</sup> 26,126	( <sup>2</sup> )	7,890
Montana.....	39,351	20,002	-----	13,326	1,759	2,791	2,654	4,923	1,812	4,237
Nebraska.....	63,476	37,527	-----	28,295	2,774	3,898	4,695	-----	-----	17,953
Nevada.....	17,848	10,514	-----	6,388	769	992	2,684	-----	-----	2,735
New Hampshire.....	29,134	16,456	-----	7,606	1,023	2,996	5,429	1,291	-----	1,501
New Jersey.....	201,086	114,640	-----	44,357	17,542	19,494	51,852	-----	-----	3,747
New Mexico.....	75,783	52,480	27,566	18,194	1,667	2,590	6,734	2,237	1,052	4,319
New York.....	1,134,307	365,776	-----	110,740	49,196	60,011	110,649	351,067	204,449	2,341
North Carolina.....	294,771	164,905	55,507	75,853	10,304	-----	23,455	38,832	37,907	5,852
North Dakota.....	43,597	27,695	12,770	7,561	2,806	2,912	7,361	2,612	940	3,267
Ohio.....	539,188	413,463	188,293	117,971	34,439	20,431	72,334	-----	-----	20,995
Oklahoma.....	203,644	119,383	43,493	46,560	5,874	10,855	27,033	9,411	7,844	-----
Oregon.....	126,634	36,413	-----	30,631	1,226	-----	22,764	41,523	14,811	20
Pennsylvania.....	616,941	292,970	37,012	132,836	43,026	44,426	62,587	-----	121,797	1,480
Rhode Island.....	57,004	40,454	13,649	7,988	2,089	3,321	5,670	-----	7,095	-----
South Carolina.....	157,019	115,647	45,662	39,495	11,918	5,806	6,447	12,504	14,305	1,859
South Dakota.....	38,771	30,509	12,145	10,661	2,625	1,701	4,617	-----	148	111
Tennessee.....	197,515	142,175	53,073	59,902	7,728	13,378	15,397	3,446	16,266	<sup>5</sup> 25
Texas.....	470,340	216,520	-----	109,839	17,408	35,457	43,392	-----	-----	26,296
Utah.....	56,707	34,760	17,985	12,703	712	1,212	3,944	5,658	3,982	3,856
Vermont.....	27,112	11,910	-----	5,601	2,834	1,805	5,263	5,412	2,142	349
Virginia.....	196,038	85,976	-----	56,724	7,531	-----	10,879	39,282	21,958	10,954
Washington.....	267,282	220,048	138,050	47,547	7,783	10,332	15,329	-----	-----	15,633
West Virginia.....	128,204	108,588	66,798	20,460	3,297	6,896	12,903	-----	-----	262
Wisconsin.....	261,271	73,706	-----	38,544	10,809	10,396	34,082	71,203	47,854	19,869
Wyoming.....	29,845	18,637	8,767	7,833	548	714	4,098	-----	-----	4,871

<sup>1</sup> Includes amounts for types of taxes not shown separately.<sup>2</sup> Combined corporation and individual income taxes as reported by 3 States (Alabama, Louisiana, and Missouri) tabulated with individual income taxes. Amount shown as corporation tax for Alabama represents only taxes on financial institutions.<sup>3</sup> Tax for Board Unit Schools.<sup>4</sup> Includes related license taxes.<sup>5</sup> Back taxes only; not counted with "Number of States using tax."Source: Department of Commerce, Bureau of the Census; annual report, *State Tax Collections in 1954*.



## No. 469.—DEBT OF STATE GOVERNMENTS OUTSTANDING, BY STATES: 1953

[In thousands of dollars except per capita. As of end of fiscal year. Includes special obligations of dependent State agencies as well as State general obligations]

STATE	Total debt	LONG-TERM DEBT			Short- term debt	NET LONG-TERM DEBT		PER CAPITA DEBT <sup>1</sup> (dollars)		
		Total	Full faith and credit	Non- guaran- teed		Total	Full faith and credit	Total	Net long- term	
									Total	Full faith and credit
Total	7,824,258	7,504,488	5,157,564	2,346,924	319,770	6,296,320	4,068,593	50.50	40.64	26.26
Alabama	73,271	73,246	62,911	10,335	25	56,267	47,411	24.02	18.44	15.54
Arizona	2,778	2,778	331	2,447		2,263	297	3.23	2.63	.35
Arkansas	125,383	125,383	117,287	8,096		111,196	104,040	66.84	59.27	55.46
California	690,499	690,499	600,656	89,843		344,417	284,046	60.62	30.24	24.94
Colorado	16,851	14,269		14,269	2,582	13,214		11.78	9.23	
Connecticut	264,873	85,383	85,383		179,490	80,200	80,200	125.95	38.14	38.14
Delaware	110,495	110,495	60,548	49,947		110,309	60,548	326.91	326.36	179.14
Florida	71,560	71,560		71,560		65,204		23.08	21.03	
Georgia	70,306	70,306	39	70,267		66,026		20.00	18.78	
Idaho	1,225	1,225		1,225		1,088		2.01	1.79	
Illinois	358,948	358,948	335,684	23,264		347,696	325,170	40.25	38.99	36.46
Indiana	24,233	24,233		24,233		18,604		5.90	4.53	
Iowa	30,657	30,657	28,000	2,657		30,649	27,992	11.59	11.59	10.58
Kansas	4,550	4,550	2,250	2,300		3,417	1,250	2.27	1.71	.62
Kentucky	10,188	10,188		10,188		9,751		3.49	3.34	
Louisiana	212,191	212,191	192,042	20,149		199,277	181,712	75.35	70.77	64.53
Maine	64,436	64,436	41,272	23,164		63,726	41,120	72.89	72.09	46.52
Maryland	234,382	234,382	122,521	111,861		176,898	74,906	92.79	70.03	29.65
Massachusetts	422,951	415,122	379,579	35,543	7,829	409,382	375,224	88.21	85.38	78.25
Michigan	357,813	357,813	219,488	138,325		345,612	211,777	53.34	51.52	31.57
Minnesota	113,503	113,503	112,164	1,339		106,163	104,952	37.57	35.14	34.74
Mississippi	81,261	81,178	3,679	77,499	83	75,713		37.40	34.84	
Missouri	19,355	19,355	14,500	4,855		14,557	10,500	4.77	3.59	2.59
Montana	45,910	45,910	5,250	40,660		34,888	4,542	77.68	59.03	7.69
Nebraska	3,124	3,124		3,124		3,001		2.28	2.19	
Nevada	895	895	895			840	840	4.97	4.67	4.67
New Hampshire	30,942	27,842	26,770	1,072	3,100	27,037	25,965	57.51	50.25	48.26
New Jersey	431,590	414,590	127,651	286,939	17,000	402,555	124,891	84.58	78.89	24.47
New Mexico	27,731	27,731	17,561	10,170		25,681	15,751	38.25	35.42	21.73
New York	963,702	903,702	874,113	29,589	60,000	469,878	442,278	63.49	30.96	29.14
North Carolina	264,208	264,208	263,382	826		202,503	201,806	63.21	48.45	48.28
North Dakota	30,829	29,779	27,923	1,856	1,050	8,551	6,915	51.38	14.25	11.53
Ohio	478,830	478,830	149,288	329,542		474,331	144,840	58.58	58.03	17.72
Oklahoma	128,934	128,934	37,860	91,074		115,941	27,002	56.92	51.19	11.92
Oregon	134,834	134,834	134,709	125		98,726	98,724	84.59	61.94	61.93
Pennsylvania	952,751	952,751	449,491	503,260		930,635	439,367	89.32	87.24	41.19
Rhode Island	55,367	55,367	55,367			49,396	49,396	67.77	60.46	60.46
South Carolina	142,242	141,942	94,078	47,864	300	128,772	83,527	66.78	60.46	39.21
South Dakota	14,046	14,046	13,782	264		3,431	3,286	21.15	5.17	4.95
Tennessee	111,352	111,352	108,538	2,814		104,760	102,009	34.19	32.16	31.32
Texas	92,993	92,993	55,647	37,346		89,817	54,943	11.36	10.97	6.71
Utah	1,516	1,516	320	1,196		1,095		2.06	1.49	
Vermont	4,350	4,350	4,350			4,350	4,350	11.69	11.69	11.69
Virginia	35,493	35,493	11,624	23,869		27,496	5,888	10.15	7.86	1.68
Washington	245,169	196,858	164,124	32,734	48,311	188,347	156,745	99.38	76.35	63.54
West Virginia	255,879	255,879	156,237	99,642		242,874	144,113	131.15	124.49	73.87
Wisconsin	5,419	5,419		5,419		5,419		1.53	1.53	
Wyoming	4,443	4,443	270	4,173		4,367	270	14.43	14.18	.88

<sup>1</sup> Based on estimated population July 1, 1952, excluding Armed Forces overseas.

Source: Department of Commerce, Bureau of the Census; annual report, *Compendium of State Government Finances in 1953*.

## No. 470.—GENERAL REVENUE AND GENERAL EXPENDITURE

[In thousands of dollars. The 481 cities]

	POPULATION GROUP AND CITY	GENERAL REVENUE						GENERAL EXPENDITURE	
		Total	Taxes			Inter-governmental revenue	Charges and miscellaneous	Total	Police
			Total taxes	Property	Other city taxes				
1	<b>Total.....</b>	<b>5,672,113</b>	<b>3,769,286</b>	<b>2,766,776</b>	<b>1,002,510</b>	<b>1,082,796</b>	<b>820,031</b>	<b>5,652,374</b>	<b>586,457</b>
2	<b>Over 1,000,000, total.....</b>	<b>2,248,117</b>	<b>1,533,311</b>	<b>976,656</b>	<b>556,655</b>	<b>435,187</b>	<b>279,619</b>	<b>2,104,930</b>	<b>214,563</b>
3	New York.....	1,566,015	1,056,902	655,459	401,443	331,322	177,791	1,428,269	98,506
4	Chicago.....	207,743	160,818	108,358	52,460	33,848	13,077	196,122	38,508
5	Philadelphia.....	179,294	135,378	62,736	72,642	8,486	35,430	190,573	23,414
6	Los Angeles.....	124,264	75,851	49,229	26,622	21,381	27,032	130,179	29,352
7	Detroit.....	170,801	104,362	100,874	3,488	40,150	26,289	159,787	24,783
8	<b>500,000 to 1,000,000, total.....</b>	<b>954,637</b>	<b>624,960</b>	<b>492,438</b>	<b>132,522</b>	<b>220,990</b>	<b>108,687</b>	<b>970,876</b>	<b>106,966</b>
9	Baltimore.....	129,108	72,924	63,132	9,792	44,770	11,414	134,041	11,110
10	Cleveland.....	67,270	39,641	37,506	2,135	16,191	11,438	72,014	11,236
11	St. Louis.....	54,886	43,398	25,744	17,654	3,207	8,281	52,952	10,059
12	Washington, D. C.....	136,795	111,429	50,444	60,985	17,731	7,635	128,300	11,228
13	Boston.....	162,875	108,876	105,587	3,289	44,157	9,842	158,638	14,500
14	San Francisco.....	99,131	58,167	50,056	8,111	32,948	8,016	101,199	9,543
15	Pittsburgh.....	34,132	29,295	24,504	4,791	2,430	2,407	38,323	7,042
16	Milwaukee.....	58,200	29,818	25,564	4,254	21,381	7,001	56,814	8,838
17	Houston.....	33,523	26,786	23,700	3,086	1,590	5,147	42,204	4,532
18	Buffalo.....	56,548	32,986	30,970	2,016	17,100	6,462	64,359	5,938
19	New Orleans.....	39,391	22,371	10,907	11,464	8,659	8,361	42,101	4,232
20	Minneapolis.....	36,632	26,108	23,644	2,464	3,083	7,441	32,677	3,311
21	Cincinnati.....	46,146	23,161	20,680	2,481	7,743	15,242	47,254	5,397
22	<b>250,000 to 500,000, total.....</b>	<b>621,725</b>	<b>383,914</b>	<b>284,544</b>	<b>99,370</b>	<b>100,226</b>	<b>137,585</b>	<b>624,685</b>	<b>69,146</b>
23	Seattle.....	29,429	16,526	9,657	6,869	6,056	6,847	29,192	4,155
24	Kansas City, Mo.....	26,638	20,108	10,594	9,514	3,136	3,394	26,917	3,348
25	Newark.....	59,221	54,281	46,404	7,877	2,625	2,315	55,830	6,614
26	Dallas.....	27,158	19,995	16,384	3,611	1,295	5,868	32,360	3,302
27	Indianapolis.....	21,988	16,875	16,267	608	2,556	2,557	25,725	3,590
28	Denver.....	48,678	21,626	13,944	7,682	19,663	7,389	52,185	3,182
29	San Antonio.....	14,868	11,787	10,727	1,060	692	2,389	15,083	1,664
30	Memphis.....	29,837	15,168	11,294	3,874	9,264	5,405	31,948	1,966
31	Oakland.....	26,598	17,446	11,001	6,445	3,539	5,613	24,077	4,478
32	Columbus.....	17,462	9,947	4,490	5,457	4,096	3,419	15,902	2,540
33	Portland, Oreg.....	21,655	14,000	10,058	3,942	2,152	5,503	18,862	3,925
34	Louisville.....	26,776	16,541	8,146	8,395	2,175	8,060	33,725	2,684
35	San Diego.....	22,169	12,235	7,486	4,749	4,428	5,506	20,453	2,704
36	Rochester.....	37,749	19,987	18,853	1,134	12,523	5,239	42,217	2,521
37	Atlanta.....	22,633	16,542	11,732	4,810	665	5,426	25,258	3,196
38	Birmingham.....	13,042	8,048	3,972	4,076	2,715	2,279	10,982	1,873
39	St. Paul.....	27,962	17,967	15,829	2,138	6,270	3,725	29,383	1,963
40	Toledo.....	21,287	11,956	2,960	8,996	3,910	5,421	23,177	2,658
41	Jersey City.....	36,835	32,539	29,465	3,074	924	3,372	38,410	5,557
42	Fort Worth.....	14,813	8,989	7,925	1,064	1,592	4,232	18,217	1,891
43	Akron.....	17,492	7,762	7,273	489	5,623	4,107	14,895	1,580
44	Omaha.....	11,009	8,076	5,978	2,098	1,494	1,439	12,536	1,573
45	Long Beach.....	46,426	5,513	4,105	1,408	2,833	38,080	27,351	2,182
46	<b>100,000 to 250,000, total.....</b>	<b>690,324</b>	<b>463,456</b>	<b>381,528</b>	<b>81,928</b>	<b>124,299</b>	<b>102,569</b>	<b>729,221</b>	<b>72,598</b>
47	<b>50,000 to 100,000, total.....</b>	<b>600,222</b>	<b>406,198</b>	<b>338,285</b>	<b>67,913</b>	<b>101,438</b>	<b>92,586</b>	<b>632,241</b>	<b>63,473</b>
48	<b>25,000 to 50,000, total.....</b>	<b>557,088</b>	<b>357,447</b>	<b>293,325</b>	<b>64,122</b>	<b>100,656</b>	<b>98,985</b>	<b>590,421</b>	<b>59,711</b>



## OF CITIES HAVING 25,000 INHABITANTS OR MORE: 1953

having 25,000 inhabitants or more in 1950]

GENERAL EXPENDITURE—continued													
Fire	Highways	Sanitation	Public welfare	Education	Libraries	Health and hospitals	Recreation	General control	General public buildings	Interest on general debt	Other	General expenditure, less capital outlay	
440,428	636,811	584,582	419,747	966,817	87,731	498,070	259,465	284,168	77,439	183,668	626,991	4,441,835	1
116,155	179,236	178,346	219,024	356,663	28,357	231,244	68,291	104,514	31,806	95,375	281,356	1,641,185	2
57,348	89,281	85,103	189,236	354,592	15,329	178,768	35,068	62,545	13,694	67,688	181,111	1,133,469	3
17,651	39,039	25,289	16,417	-----	4,346	11,426	3,333	12,912	2,591	4,155	20,455	149,496	4
15,566	16,900	27,517	6,931	2,071	2,310	15,482	9,478	14,557	3,498	15,048	37,801	141,715	5
15,717	17,348	17,496	73	-----	2,887	6,372	9,838	7,118	1,935	2,629	19,414	96,970	6
9,873	16,668	22,941	6,367	-----	3,485	19,196	10,574	7,382	10,088	5,855	22,575	119,535	7
75,326	107,512	99,153	79,992	146,436	15,077	99,538	52,183	50,450	14,818	24,268	99,157	784,233	8
7,883	14,531	9,405	12,710	40,899	2,038	7,764	6,133	4,579	5,088	4,599	7,302	104,097	9
6,629	9,636	14,537	1,842	-----	-----	7,892	5,990	2,958	565	2,453	8,276	52,070	10
4,832	3,197	3,450	486	38	1,098	12,803	4,446	4,919	395	456	6,773	47,280	11
5,160	9,151	7,739	8,681	32,313	1,733	23,373	4,648	6,635	1,448	-----	16,191	109,788	12
11,180	8,470	7,320	31,825	28,480	3,543	17,653	4,974	7,253	1,402	4,102	17,936	147,708	13
9,545	8,315	5,466	22,041	10,000	948	9,187	5,935	6,954	918	1,677	10,670	86,061	14
5,109	5,356	5,359	62	-----	1,555	3,018	2,856	2,633	622	1,275	3,436	32,808	15
5,181	14,648	13,238	4	2,000	1,670	1,981	2,721	3,296	635	441	2,161	38,350	16
4,582	7,797	9,468	403	-----	393	4,299	3,017	1,773	386	2,001	3,553	24,047	17
4,663	5,082	6,559	13	21,436	35	235	3,113	2,140	919	1,652	12,574	49,319	18
3,090	9,363	6,991	347	336	452	967	2,545	3,822	938	2,619	6,399	31,035	19
2,837	4,954	2,684	1,378	2,542	1,612	4,192	3,252	1,757	1,174	950	2,034	26,969	20
4,635	7,012	6,937	200	8,392	-----	6,174	2,553	1,731	328	2,043	1,852	34,701	21
58,937	86,801	73,501	26,427	90,445	12,386	45,905	42,908	29,322	7,281	15,900	65,726	475,457	22
3,740	6,573	3,100	-----	11	1,305	1,762	2,982	2,385	709	717	1,753	20,864	23
2,589	6,472	2,267	50	-----	-----	4,123	2,656	1,484	353	913	2,662	18,498	24
4,465	1,536	4,392	2,190	21,671	1,295	5,978	1,342	1,926	1,736	1,791	894	53,178	25
3,483	5,865	7,818	140	-----	316	2,802	2,595	1,274	386	1,425	2,954	19,947	26
3,624	2,534	8,269	-----	-----	-----	3,209	1,472	578	63	445	1,941	17,130	27
2,608	6,031	2,821	19,011	-----	1,166	3,532	2,705	3,978	430	816	5,905	41,153	28
1,993	2,853	1,404	-----	-----	312	1,497	1,014	1,391	264	636	2,055	12,858	29
2,302	2,992	3,855	173	11,533	293	3,600	1,638	827	73	879	1,817	25,014	30
3,562	4,426	1,525	4	3	881	834	2,440	1,013	279	307	4,325	19,569	31
2,157	2,547	2,405	44	-----	637	868	1,162	1,116	171	524	1,731	12,284	32
3,469	2,601	2,153	-----	-----	-----	874	1,752	1,088	235	319	2,446	15,646	33
1,743	3,247	4,669	1,415	5,184	602	2,146	1,519	914	118	2,591	6,893	21,171	34
1,878	3,886	3,274	44	3	1,518	373	2,734	1,399	170	168	2,302	14,390	35
3,335	4,904	6,055	16	13,580	838	1,908	3,129	1,344	408	404	3,775	32,844	36
2,631	4,820	4,629	48	4,108	574	115	1,960	1,167	109	603	1,298	19,795	37
1,777	1,889	1,118	11	21	352	369	1,005	717	159	479	1,212	9,029	38
1,878	3,454	1,654	723	13,677	631	1,074	1,378	832	305	637	1,177	23,665	39
2,164	4,978	2,748	890	3,235	-----	766	1,402	1,043	207	235	2,851	17,133	40
3,624	677	1,554	844	13,911	597	7,517	1,071	1,379	286	732	661	36,314	41
1,583	3,661	3,054	139	-----	230	1,384	1,831	537	100	655	3,152	10,834	42
1,249	3,226	2,068	685	3,505	-----	405	353	683	179	248	714	12,069	43
1,447	3,911	934	-----	-----	272	279	2,293	661	143	182	841	7,779	44
1,636	3,718	1,735	-----	3	567	490	2,475	1,586	398	194	12,367	14,293	45
69,010	88,047	85,168	37,492	153,571	12,819	45,795	38,129	34,683	7,186	19,444	65,279	578,418	46
62,655	85,405	78,048	32,656	114,617	10,821	38,323	29,303	31,058	8,653	15,466	61,763	500,277	47
58,345	89,810	70,366	24,156	105,085	8,271	37,265	28,651	34,141	7,695	13,215	53,710	462,265	48

Source: Department of Commerce, Bureau of Census; annual report, *Compendium of City Government Finances in 1953*.

No. 471.—OUTSTANDING DEBT OF CITIES HAVING 25,000 INHABITANTS OR MORE:  
1953

[In thousands of dollars. At end of fiscal year. The 481 cities having 25,000 inhabitants or more in 1950]

CITY	ALL CITY DEBT (GENERAL AND UTILITY)							LONG-TERM UTILITY DEBT	
	Total	Long-term			Short-term	Net long-term	Offsets to long-term debt at end of fiscal year	Total	Full faith and credit
		Total	Full faith and credit	Non-guaranteed					
<b>Total</b> .....	11,322,289	10,762,681	8,681,391	2,081,290	559,608	9,254,435	1,508,246	4,050,876	2,965,414
<b>Over 1,000,000, total</b> .....	5,928,051	5,560,760	4,758,305	802,455	367,291	4,456,932	1,103,828	2,427,800	2,186,398
New York.....	4,423,973	4,150,763	3,658,361	492,402	273,210	3,163,419	987,344	2,013,616	2,013,616
Chicago.....	315,759	255,092	152,507	102,585	60,667	225,387	29,705	63,442	17
Philadelphia.....	526,536	526,536	519,435	7,101	-----	480,889	45,647	34,644	34,644
Los Angeles.....	334,643	334,643	154,781	179,862	-----	329,944	4,699	221,485	43,508
Detroit.....	327,140	293,726	273,221	20,505	33,414	257,293	36,433	94,613	94,613
<b>500,000 to 1,000,000, total</b> .....	1,326,730	1,289,289	1,144,312	144,977	37,441	1,133,636	155,653	303,022	201,331
Baltimore.....	242,333	242,333	242,333	-----	-----	205,022	37,311	66,168	66,168
Cleveland.....	173,386	173,386	115,103	58,283	-----	157,780	15,606	62,629	4,346
St. Louis.....	17,611	17,611	17,461	150	-----	16,471	1,140	-----	-----
Washington, D. C.....	1,550	1,550	-----	1,550	-----	1,550	-----	750	-----
Boston.....	140,155	125,155	125,155	-----	15,000	65,362	59,793	48	48
San Francisco.....	188,887	188,887	188,867	20	-----	186,820	2,067	93,450	93,450
Pittsburgh.....	60,680	59,490	53,195	6,295	1,190	58,447	1,043	633	633
Milwaukee.....	27,339	27,339	24,669	2,670	-----	24,066	3,273	-----	-----
Houston.....	139,310	139,310	96,652	42,658	-----	134,040	5,270	46,974	4,316
Buffalo.....	81,282	60,031	44,030	16,001	21,251	52,037	7,994	9,619	9,619
New Orleans.....	82,664	82,664	66,614	16,050	-----	78,560	4,104	-----	-----
Minneapolis.....	58,614	58,614	58,614	-----	-----	55,229	3,385	8,830	8,830
Cincinnati.....	112,919	112,919	111,619	1,300	-----	98,252	14,667	13,921	13,921
<b>250,000 to 500,000, total</b> .....	1,068,750	1,035,057	733,115	301,942	33,693	956,037	79,020	422,427	178,735
Seattle.....	165,979	164,411	22,271	142,140	1,568	157,466	6,945	141,129	-----
Kansas City, Mo.....	53,163	53,163	47,034	6,129	-----	52,514	649	12,434	6,725
Newark.....	51,900	45,424	45,424	-----	6,476	42,237	3,187	9,563	9,563
Dallas.....	106,970	106,970	100,861	6,109	-----	101,929	5,041	32,150	31,296
Indianapolis.....	25,028	25,028	24,080	948	-----	24,233	795	-----	-----
Denver.....	68,511	68,511	62,558	5,953	-----	68,317	194	38,827	38,827
San Antonio.....	55,223	55,223	18,155	37,068	-----	51,013	4,210	36,939	-----
Memphis.....	44,944	44,944	44,944	-----	-----	42,378	2,566	3,716	3,716
Oakland.....	16,335	16,335	16,335	-----	-----	15,960	375	-----	-----
Columbus.....	37,007	35,546	35,546	-----	1,461	33,073	2,473	14,727	14,727
Portland, Oreg.....	23,746	23,461	23,461	-----	285	19,271	4,190	7,743	7,743
Louisville.....	96,359	90,820	58,338	32,482	5,539	74,176	16,644	103	-----
San Diego.....	31,188	31,188	31,188	-----	-----	31,058	130	23,674	23,674
Rochester.....	25,940	14,918	9,362	5,556	11,022	14,888	30	3,014	3,014
Atlanta.....	39,434	39,434	28,521	10,913	-----	38,606	828	9,692	56
Birmingham.....	42,742	41,906	20,040	21,866	836	37,135	4,771	24,736	2,870
St. Paul.....	27,138	25,379	25,379	-----	1,759	21,321	4,058	3,057	3,057
Toledo.....	18,104	13,357	5,360	7,997	4,747	7,926	5,431	6,063	277
Jersey City.....	40,639	40,639	40,639	-----	-----	32,180	8,459	12,991	12,991
Fort Worth.....	53,109	53,109	35,689	17,420	-----	52,047	1,062	25,195	7,775
Akron.....	16,983	16,983	9,622	7,361	-----	15,799	1,184	8,906	4,656
Omaha.....	15,410	15,410	15,410	-----	-----	14,815	595	-----	-----
Long Beach.....	12,898	12,898	12,898	-----	-----	7,695	5,203	7,768	7,768
<b>100,000 to 250,000, total</b> .....	1,243,154	1,194,663	879,394	315,269	48,491	1,109,626	85,037	385,418	187,592
<b>50,000 to 100,000, total</b> .....	873,143	837,533	622,234	215,299	35,610	802,440	35,093	218,439	104,543
<b>25,000 to 50,000, total</b> .....	882,461	845,379	544,031	301,348	37,082	795,764	49,615	293,770	106,815

¹ Includes \$14,776,000 Union Passenger Terminal nonguaranteed revenue bonds, issued in prior year.

Source: Department of Commerce, Bureau of the Census; annual report, *Compendium of City Government Finances in 1953*.



## SUMMARY OF CITY FINANCES

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## No. 472.—SUMMARY OF CITY GOVERNMENT FINANCES: 1942 TO 1953

[In millions of dollars. The 481 cities having 25,000 inhabitants or more in 1950]

ITEM	1942	1944	1946	1948	1950	1951	1952	1953
<b>Revenue and borrowing</b> -----	<b>3,555</b>	<b>3,627</b>	<b>4,149</b>	<b>5,639</b>	<b>6,823</b>	<b>7,116</b>	<b>7,720</b>	<b>8,322</b>
Borrowing-----	215	102	287	741	1,156	1,065	1,138	1,222
Revenue-----	3,339	3,525	3,863	4,898	5,666	6,050	6,583	7,099
General revenue-----	2,690	2,762	3,040	3,928	4,522	4,813	5,257	5,672
Taxes-----	1,957	1,994	2,094	2,657	2,998	3,187	3,462	3,769
Property-----	1,699	1,740	1,777	2,078	2,289	2,416	2,580	2,767
Sales and gross receipts-----	124	120	148	347	415	466	544	624
Licenses and other-----	134	135	169	232	293	304	338	378
Intergovernmental revenue-----	461	467	558	764	945	971	1,034	1,083
From State government-----	419	421	510	684	852	872	912	952
From other governments-----	42	46	48	81	93	99	123	131
Charges and miscellaneous general revenue-----	273	301	387	507	579	656	760	820
Utility revenue-----	565	676	732	1,844	1,976	1,054	1,118	1,207
Water supply-----	268	311	332	379	414	443	487	526
Electric power-----	112	140	154	192	217	250	275	298
Gas supply-----	14	16	19	26	31	38	37	43
Transit-----	171	208	227	245	310	319	314	330
Insurance trust revenue-----	84	87	92	126	168	184	209	220
Employee retirement-----	76	82	89	123	163	179	203	215
Unemployment compensation-----	8	4	3	3	4	5	6	5
<b>Expenditure and debt redemption</b> -----	<b>3,429</b>	<b>3,373</b>	<b>3,819</b>	<b>5,318</b>	<b>6,452</b>	<b>6,767</b>	<b>7,255</b>	<b>7,881</b>
Debt redemption-----	424	457	406	432	444	540	534	600
Expenditure-----	3,004	2,915	3,414	4,887	6,007	6,227	6,721	7,281
General expenditure-----	2,378	2,257	2,645	3,769	4,639	4,797	5,184	5,652
Police-----	257	268	306	393	461	495	538	586
Fire-----	190	199	228	300	351	378	407	440
Public welfare-----	264	187	205	320	426	421	424	420
Education-----	462	455	498	678	770	800	902	967
Libraries-----	30	32	36	51	62	66	80	88
Highways-----	227	183	248	420	506	542	587	637
Health and hospitals-----	156	169	203	282	376	395	454	498
Own city hospitals-----	(3)	(3)	(3)	(3)	254	272	317	352
Other-----	(3)	(3)	(3)	(3)	122	123	136	146
Sanitation-----	164	174	224	371	501	517	534	585
Recreation-----	89	85	125	181	222	231	234	259
General control-----	144	143	169	212	245	246	260	284
Interest on general debt-----	205	186	163	154	163	167	173	184
All other general expenditure-----	191	177	241	407	555	538	593	704
Utility expenditure-----	524	538	629	1,953	1,182	1,222	1,306	1,382
Water supply-----	235	215	258	375	503	509	577	618
Electric power-----	80	98	109	192	230	297	296	309
Gas supply-----	9	10	15	24	24	28	29	36
Transit-----	201	216	247	359	421	385	400	410
Insurance trust expenditure-----	102	120	139	165	187	208	231	247
Employee retirement-----	100	119	138	162	183	206	229	245
Unemployment compensation-----	2	1	1	3	4	2	2	2
<b>Expenditure by character and object:</b>								
Current operation (including intergov-								
ernmental expenditure)-----	2,053	2,195	2,512	3,280	3,718	3,972	4,348	4,689
Capital outlay-----	323	156	326	912	1,483	1,412	1,493	1,691
Construction-----	(3)	110	222	730	1,258	1,167	1,233	1,420
Purchase of land and existing struc-								
tures-----	(3)	14	51	62	101	119	146	155
Equipment-----	(3)	31	53	120	124	126	114	116
Assistance and subsidies-----	210	155	170	276	352	357	362	353
Interest on debt-----	315	290	266	254	268	278	287	302
Insurance trust benefits and withdrawals-----	102	120	139	165	187	208	231	247
<b>Debt outstanding at end of fiscal</b>	<b>8,551</b>	<b>7,924</b>	<b>7,603</b>	<b>8,125</b>	<b>9,415</b>	<b>9,975</b>	<b>10,592</b>	<b>11,322</b>
<b>year, total</b> -----								
Long-term-----	8,310	7,753	7,446	7,805	9,023	9,628	10,099	10,763
Full faith and credit-----	7,602	7,012	6,706	6,900	7,740	8,123	8,374	8,681
Nonguaranteed-----	708	741	740	905	1,283	1,505	1,725	2,081
Short-term-----	241	171	157	320	392	347	493	560
Net long-term-----	7,203	6,567	6,219	6,511	7,575	8,149	8,601	9,254

<sup>1</sup> Includes liquor store amounts (for Asheville, N. C.) not shown separately.<sup>2</sup> Includes liquor store amounts (for Asheville and Greensboro, N. C.) not shown separately.<sup>3</sup> Not available.Source: Department of Commerce, Bureau of the Census; annual report, *Compendium of City Government Finances in 1953*.

# No. 473.—GOVERNMENTAL EMPLOYMENT AND PAYROLLS, BY TYPE OF GOVERNMENT: 1942 TO 1954

[Data for 1942 through 1953 are for October. See also *Historical Statistics*, series P 69-88, for average annual monthly employment and payrolls]

TYPE OF GOVERNMENT	1942	1945	1949	1950	1951	1952	1953	1954			
								Jan.	Apr.	July	Oct. (prel.)
<b>EMPLOYEES (1,000)</b>											
<b>Total</b> .....	5,915	6,556	6,203	6,402	6,802	7,105	7,047	7,012	7,083	6,332	7,205
Federal (civilian) <sup>1</sup> .....	2,664	3,375	2,047	2,117	2,515	2,583	2,384	2,360	2,348	2,345	2,338
State and local.....	3,251	3,181	4,156	4,285	4,287	4,522	4,663	4,651	4,735	3,987	4,867
School <sup>2</sup> .....	1,320	1,267	1,658	1,723	1,759	1,873	1,949	1,981	2,017	1,171	2,068
Nonschool.....	1,931	1,914	2,497	2,562	2,528	2,649	2,714	2,670	2,718	2,816	2,799
State.....	503	473	731	745	754	768	788	786	804	837	834
Local.....	1,428	1,441	1,767	1,817	1,774	1,881	1,926	1,884	1,915	1,979	1,965
City.....	872	879	1,082	1,106	1,102	1,154	1,187	1,167	1,182	1,227	1,215
County.....	333	316	410	429	435	454	473	464	477	489	485
Other.....	223	246	275	282	237	273	267	252	256	263	265
<b>MONTHLY PAYROLL (\$1,000,000)</b>											
<b>Total</b> .....	880.2	1,109.9	1,406.0	1,527.9	1,865.4	1,979.6	2,014.0	1,989.2	2,033.7	1,826.9	2,067.7
Federal (civilian) <sup>1</sup> .....	486.1	642.3	539.2	613.4	857.4	855.9	793.5	762.8	788.9	782.4	756.2
State and local.....	394.1	467.6	866.7	914.6	1,008.0	1,123.7	1,220.5	1,226.5	1,244.8	1,044.5	1,311.5
School <sup>2</sup> .....	175.4	200.0	384.8	409.4	452.5	502.9	552.0	557.1	565.3	325.5	596.6
Nonschool.....	218.7	267.6	481.9	505.2	555.5	620.8	668.5	669.3	679.5	719.0	715.0
State.....	59.5	72.9	151.3	157.4	177.7	195.3	210.0	210.6	209.3	223.6	226.5
Local.....	159.2	194.7	330.6	347.8	377.8	425.6	458.6	458.7	470.2	495.4	488.5
City.....	109.7	133.2	219.7	230.2	253.9	282.7	301.1	301.8	309.2	327.7	321.0
County.....	34.5	42.6	73.6	78.7	86.1	97.0	110.5	110.0	113.2	116.6	117.9
Other.....	15.0	18.9	37.3	38.9	37.8	45.8	46.9	46.8	47.7	51.1	49.6

<sup>1</sup> Includes figures for employees outside continental U. S. Numbers of employees shown for October 1952 and subsequent months are as of last day of month; earlier figures are as of end of month preceding that specified. Month-to-month variations in Federal payroll figures are due in part to differences in number of paid working days in various months.

<sup>2</sup> Excludes all school board members. Data for 1946-54 based on returns to quarterly mail canvass of Bureau of Census; those for prior years based on information furnished by U. S. Office of Education.

Source: Department of Commerce, Bureau of the Census; annual report, *Public Employment in October 1954*.

# No. 474.—ESTIMATED AVERAGE MONTHLY EMPLOYMENT OF STATE AND LOCAL GOVERNMENTS: 1929 TO 1953

[In thousands. Includes school districts and other special-purpose agencies. Excludes military and work-relief employment. See also *Historical Statistics*, series P 73-80]

YEAR	Total	Educa- tion	Other	YEAR	Total	Educa- tion	Other
1929.....	2,532	1,121	1,411	1941.....	3,320	1,363	1,957
1930.....	2,622	1,150	1,472	1942.....	3,270	1,333	1,887
1931.....	2,704	1,160	1,544	1943.....	3,174	1,361	1,813
1932.....	2,666	1,148	1,518	1944.....	3,116	1,352	1,764
1933.....	2,601	1,122	1,479	1945.....	3,137	1,353	1,784
1934.....	2,647	1,122	1,525	1946.....	3,341	1,395	1,946
1935.....	2,728	1,151	1,577	1947.....	3,582	1,468	2,114
1936.....	2,842	1,174	1,668	1948.....	3,787	1,516	2,271
1937.....	2,923	1,206	1,717	1949.....	3,948	1,585	2,363
1938.....	3,054	1,239	1,815	1950.....	4,098	1,644	2,454
1939.....	3,090	1,267	1,823	1951.....	4,087	(1)	(1)
1940.....	3,206	1,299	1,907	1952.....	4,188	(1)	(1)
				1953.....	4,563	(1)	(1)

<sup>1</sup> Not available.

Source: Department of Labor, Bureau of Labor Statistics. Based on data from the U. S. Office of Education and the Bureau of the Census.



No. 475.—GOVERNMENTAL EMPLOYMENT, BY LEVEL OF GOVERNMENT, BY STATES:  
OCTOBER 1954

STATE	EMPLOYEES (1,000)						RATE PER 10,000 POPULATION <sup>1</sup>				
	All public employees	Federal, civilian <sup>3</sup>	State		Local <sup>2</sup>		Federal, civilian <sup>3</sup>	State and local	Full-time equivalent		
			Total	Full-time equivalent	Total	Full-time equivalent			State and local	State	Local <sup>2</sup>
<b>Total</b> .....	7,001.0	2,141.9	1,197.9	1,071.5	3,661.3	3,237.1	132.9	301.4	267.3	66.5	200.8
Alabama.....	127.4	49.5	20.3	17.5	57.6	54.1	158.5	249.6	229.4	56.2	173.2
Arizona.....	43.2	14.5	8.1	7.0	20.7	19.2	145.6	289.9	263.8	70.6	193.2
Arkansas.....	59.6	15.3	12.9	10.7	31.4	27.5	80.2	232.0	199.8	56.0	143.8
California.....	667.3	228.5	89.1	81.6	349.6	319.4	182.0	249.5	319.4	65.0	254.4
Colorado.....	84.5	32.9	13.7	11.3	37.8	33.2	226.0	354.0	305.7	77.7	228.0
Connecticut.....	( <sup>4</sup> )	12.0	( <sup>4</sup> )	( <sup>4</sup> )	45.0	39.6	54.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	178.6
Delaware.....	14.0	2.5	6.1	5.7	5.3	4.8	68.5	312.7	285.4	155.7	129.7
Dist. of Col. <sup>5</sup>	248.0	225.7			22.3	21.6	( <sup>7</sup> )	259.0	251.0		251.0
Florida.....	148.2	38.3	26.0	24.8	83.9	80.3	108.6	311.9	298.2	70.4	227.8
Georgia.....	142.9	53.2	20.6	19.4	69.1	65.0	145.4	245.0	230.6	53.1	177.5
Idaho.....	26.8	5.6	7.1	5.7	14.0	11.5	91.4	343.8	279.7	93.4	186.3
Illinois.....	352.4	101.1	47.6	41.3	203.7	177.3	110.3	274.2	238.5	45.0	193.5
Indiana.....	157.4	36.6	30.1	25.6	90.7	78.2	87.0	286.8	246.5	60.7	185.8
Iowa.....	105.8	15.2	23.2	19.6	67.4	56.8	57.7	343.5	289.7	74.3	215.4
Kansas.....	90.6	21.4	18.4	15.7	50.9	42.7	106.2	343.4	289.6	77.8	211.8
Kentucky.....	94.9	28.5	18.3	16.6	48.0	43.3	95.3	221.5	200.0	55.4	144.6
Louisiana.....	114.9	22.8	34.4	31.6	57.8	54.2	77.8	315.1	293.4	107.9	185.5
Maine.....	46.0	15.1	9.4	8.6	21.6	15.4	161.8	332.5	257.9	92.3	165.6
Maryland <sup>6</sup>	116.7	47.0	18.7	17.9	50.9	47.8	( <sup>7</sup> )	267.7	252.7	68.9	183.8
Massachusetts.....	229.7	62.2	36.3	35.4	131.3	115.2	125.5	338.2	303.8	71.4	232.4
Michigan.....	259.3	38.0	44.5	40.0	176.8	151.2	54.1	315.1	272.3	56.9	215.4
Minnesota.....	138.6	24.1	27.2	22.9	87.4	70.1	77.5	369.1	299.8	73.9	225.9
Mississippi.....	73.5	16.4	15.9	14.2	41.2	37.0	74.6	258.8	232.4	64.6	167.8
Missouri.....	155.3	46.5	23.2	19.7	85.7	75.0	111.8	262.0	228.0	47.5	180.5
Montana.....	29.8	7.5	7.1	6.0	15.1	13.0	119.6	354.3	302.3	95.4	206.9
Nebraska.....	70.6	19.0	12.9	11.0	38.7	32.3	139.2	377.8	316.4	80.3	236.1
Nevada.....	13.7	5.5	2.0	1.7	6.2	5.6	251.2	376.7	338.5	80.1	258.4
N. Hampshire.....	24.1	3.0	6.6	5.4	14.5	9.0	57.3	395.8	271.0	101.8	169.2
New Jersey.....	200.2	50.7	27.3	25.4	122.2	108.4	96.6	284.6	254.9	48.5	206.4
New Mexico.....	42.2	17.3	9.7	7.9	15.2	14.2	221.6	318.2	282.7	101.4	181.3
New York.....	725.4	185.3	96.2	94.3	443.9	408.1	120.1	349.9	325.6	61.1	264.5
N. Carolina.....	135.2	26.3	80.3	75.2	28.6	24.6	61.9	256.2	235.0	177.0	58.0
N. Dakota.....	30.9	6.0	5.7	4.8	19.2	13.3	93.9	391.6	283.5	75.2	208.3
Ohio.....	346.2	91.6	48.2	41.5	206.4	174.2	107.0	297.7	252.2	48.5	203.7
Oklahoma.....	117.1	40.5	24.1	19.5	52.6	45.9	178.4	338.1	288.7	86.1	202.6
Oregon.....	74.1	17.1	18.7	16.3	38.3	33.4	104.5	347.4	303.2	99.3	203.9
Pennsylvania.....	396.0	135.8	73.8	65.7	186.4	164.3	126.0	241.4	213.4	61.0	152.4
Rhode Island.....	35.7	12.9	8.1	7.6	14.8	13.3	156.3	277.1	254.3	92.5	161.8
S. Carolina.....	80.0	21.2	16.1	15.1	42.7	39.3	94.7	262.7	242.9	67.3	175.6
S. Dakota.....	33.8	8.5	6.2	5.4	19.1	14.1	127.3	379.4	292.2	80.6	211.6
Tennessee.....	129.0	41.8	19.4	16.7	67.8	61.9	124.5	259.3	233.8	49.6	184.2
Texas.....	336.4	106.2	47.4	40.5	182.9	171.2	125.4	271.9	250.0	47.9	202.1
Utah.....	55.1	26.5	8.9	7.0	19.7	15.5	349.7	377.9	296.5	91.8	204.7
Vermont.....	16.1	3.1	4.9	4.1	8.1	5.8	79.8	337.7	256.4	106.8	149.6
Virginia <sup>6</sup>	166.0	69.9	33.4	30.7	62.7	57.5	( <sup>7</sup> )	267.9	246.0	85.7	160.3
Washington.....	151.6	57.4	24.9	20.6	69.3	59.2	226.0	370.8	314.1	81.2	232.9
W. Virginia.....	61.3	10.7	18.5	15.5	32.1	29.6	54.8	259.9	231.6	79.5	152.1
Wisconsin.....	139.6	20.1	23.7	18.8	95.8	75.4	56.2	334.0	263.4	52.6	210.8
Wyoming.....	17.7	5.3	3.5	3.0	8.9	7.6	168.3	397.8	340.0	95.4	244.6

<sup>1</sup> Based on estimated population in continental United States as of July 1, 1954.

<sup>2</sup> Subject to sampling variation.

<sup>3</sup> Data from Civil Service Commission, as of Sept. 30, 1954. Excludes employees working outside continental United States.

<sup>4</sup> Not available; estimates included in totals.

<sup>5</sup> Data for Federal employees in District of Columbia are for Washington, D. C., metropolitan area and include substantial numbers of employees working in suburban locations in Maryland and Virginia.

<sup>6</sup> Includes a small number of judicial employees and employees in executive agencies not allocable by State.

<sup>7</sup> Not computed; see footnote 5.

Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in 1954*.

**NO. 476.—STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLLS, BY TYPE OF GOVERNMENT AND FUNCTION: OCTOBER 1954**

FUNCTION	State and local	State	LOCAL <sup>1</sup>					
			Total	City	County	School district	Township	Special district
<b>EMPLOYEES (1,000)</b>								
<b>Total</b> .....	<b>4,859</b>	<b>1,198</b>	<b>3,661</b>	<b>1,420</b>	<b>579</b>	<b>1,365</b>	<b>184</b>	<b>113</b>
Education, total.....	2,050	359	1,691	201	82	1,365	43	-----
Public schools.....	1,720	50	1,670	191	82	1,354	43	-----
Institutions of higher education.....	307	237	21	10	-----	11	-----	-----
Other.....	23	23	-----	-----	-----	-----	-----	-----
Highways.....	478	199	278	113	117	-----	42	6
Public welfare.....	100	42	59	18	38	-----	2	-----
Health.....	73	27	46	26	17	-----	2	( <sup>2</sup> )
Hospitals.....	423	217	206	100	96	-----	2	8
Police.....	259	23	236	189	34	-----	13	( <sup>2</sup> )
Local fire protection.....	174	-----	174	153	-----	-----	15	6
Natural resources.....	121	92	29	-----	15	-----	-----	14
Sanitation.....	114	-----	114	104	-----	-----	3	7
Local parks and recreation.....	68	-----	68	60	-----	-----	2	6
Housing and community redevelopment.....	26	-----	26	8	-----	-----	( <sup>2</sup> )	18
Employment security administration.....	46	46	-----	-----	-----	-----	-----	-----
State liquor stores.....	14	14	-----	-----	-----	-----	-----	-----
Local utilities, total.....	233	-----	233	189	-----	-----	3	39
Water supply.....	101	-----	101	88	-----	-----	2	10
Electric light and power.....	48	-----	48	41	-----	-----	1	6
Transit.....	79	-----	79	57	-----	-----	-----	22
Gas supply.....	4	-----	4	3	-----	-----	( <sup>2</sup> )	1
All other.....	681	180	501	259	180	-----	55	7
<b>OCTOBER PAYROLLS (\$1,000,000)</b>								
<b>Total</b> .....	<b>1,318.3</b>	<b>314.6</b>	<b>1,003.6</b>	<b>396.2</b>	<b>138.2</b>	<b>409.5</b>	<b>28.5</b>	<b>31.2</b>
Education, total.....	600.1	87.3	512.8	71.8	19.3	409.5	12.1	-----
Public schools.....	521.2	14.0	507.2	68.9	19.3	406.9	12.1	-----
Institutions of higher education.....	72.6	67.0	5.6	2.9	-----	2.6	-----	-----
Other.....	6.3	6.3	-----	-----	-----	-----	-----	-----
Highways.....	118.9	53.6	65.3	28.9	28.0	-----	6.2	2.3
Public welfare.....	25.6	11.2	14.4	5.3	8.7	-----	0.4	-----
Health.....	19.5	7.6	11.9	7.3	4.4	-----	0.2	( <sup>3</sup> )
Hospitals.....	95.6	50.9	44.7	21.7	21.3	-----	0.4	1.4
Police.....	79.3	7.3	72.0	60.0	9.6	-----	2.5	( <sup>3</sup> )
Local fire protection.....	41.4	-----	41.4	40.1	-----	-----	1.0	0.3
Natural resources.....	30.0	23.7	6.3	-----	3.7	-----	-----	2.7
Sanitation.....	31.5	-----	31.5	28.6	-----	-----	0.6	2.2
Local parks and recreation.....	16.8	-----	16.8	14.3	-----	-----	0.3	2.1
Housing and community redevelopment.....	7.6	-----	7.6	2.6	-----	-----	( <sup>3</sup> )	5.0
Employment security administration.....	14.1	14.1	-----	-----	-----	-----	-----	-----
State liquor stores.....	3.8	3.8	-----	-----	-----	-----	-----	-----
Local utilities, total.....	75.3	-----	75.3	60.9	-----	-----	0.7	13.7
Water supply.....	27.2	-----	27.2	24.1	-----	-----	0.5	2.5
Electric light and power.....	16.6	-----	16.6	14.2	-----	-----	0.2	2.1
Transit.....	30.4	-----	30.4	21.8	-----	-----	-----	8.7
Gas supply.....	1.2	-----	1.2	0.8	-----	-----	( <sup>3</sup> )	0.4
All other.....	159.1	55.5	103.6	54.8	43.3	-----	4.1	1.4

<sup>1</sup> Subject to sampling variation.<sup>2</sup> Less than 500 employees.<sup>3</sup> Less than \$50,000.

Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in 1954*.



No. 477.—STATE AND LOCAL GOVERNMENT EMPLOYMENT (FULL-TIME EQUIVALENT)  
BY FUNCTION, BY STATES: OCTOBER 1954

STATE	All func- tions	Educa- tion	High- ways	Health and hospitals	Police and fire	Public wel- fare	Sani- tation	Natural re- sources	Utili- ties and State liquor stores	All other
<b>Total</b> .....	<b>4, 308, 525</b>	<b>1, 826, 201</b>	<b>437, 969</b>	<b>481, 429</b>	<b>356, 848</b>	<b>97, 068</b>	<b>107, 734</b>	<b>105, 154</b>	<b>236, 935</b>	<b>659, 187</b>
Alabama.....	71, 586	37, 240	9, 864	4, 958	4, 282	1, 115	1, 486	2, 171	2, 809	7, 661
Arizona.....	26, 196	12, 451	3, 032	2, 261	1, 613	289	364	878	1, 406	3, 902
Arkansas.....	38, 161	21, 415	4, 711	3, 213	2, 046	614	563	1, 287	875	3, 437
California.....	401, 000	160, 217	25, 100	44, 064	35, 070	9, 391	7, 074	19, 182	22, 255	78, 647
Colorado.....	44, 511	20, 572	4, 738	4, 207	2, 997	985	587	1, 272	1, 616	7, 537
Connecticut.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Delaware.....	10, 474	4, 606	1, 185	1, 171	797	148	179	268	246	1, 874
Dist. of Columbia.....	21, 612	5, 592	966	2, 803	3, 526	1, 022	2, 061	-----	564	5, 078
Florida.....	105, 093	43, 456	10, 862	13, 539	7, 934	1, 776	4, 683	3, 669	4, 607	14, 567
Georgia.....	84, 398	42, 636	9, 909	7, 015	5, 867	965	2, 967	2, 599	2, 669	9, 771
Idaho.....	17, 203	7, 981	2, 487	1, 242	1, 083	182	115	1, 244	493	2, 376
Illinois.....	218, 591	91, 529	14, 450	22, 834	20, 119	4, 750	6, 849	2, 035	22, 783	33, 242
Indiana.....	103, 748	48, 624	9, 408	12, 257	8, 303	2, 230	1, 755	1, 777	4, 373	15, 021
Iowa.....	76, 433	39, 968	9, 188	7, 511	3, 524	2, 068	1, 027	1, 403	3, 209	8, 355
Kansas.....	58, 383	28, 628	8, 759	4, 712	3, 154	1, 308	714	1, 095	2, 590	7, 423
Kentucky.....	59, 895	30, 429	8, 031	4, 859	4, 063	1, 141	885	1, 461	1, 442	7, 584
Louisiana.....	85, 780	38, 318	9, 591	10, 369	5, 521	2, 235	2, 149	4, 132	2, 937	10, 528
Maine.....	23, 987	10, 378	4, 796	1, 859	1, 496	476	273	1, 036	713	2, 960
Maryland.....	65, 760	27, 452	5, 837	9, 151	6, 384	633	2, 133	1, 027	2, 527	10, 616
Massachusetts.....	150, 515	40, 500	16, 363	23, 800	19, 959	4, 417	4, 058	1, 074	10, 490	29, 854
Michigan.....	191, 230	83, 609	18, 212	23, 910	16, 020	3, 563	5, 656	3, 270	10, 616	26, 374
Minnesota.....	93, 043	44, 612	11, 133	10, 647	4, 940	2, 068	1, 115	2, 616	2, 699	13, 213
Mississippi.....	51, 221	25, 969	7, 315	4, 789	2, 323	904	841	3, 416	1, 237	4, 427
Missouri.....	94, 705	42, 682	8, 354	12, 303	8, 615	2, 124	1, 324	1, 280	3, 052	14, 971
Montana.....	18, 985	8, 407	2, 829	1, 049	1, 075	437	196	1, 184	688	3, 120
Nebraska.....	43, 221	19, 678	4, 788	3, 512	2, 303	521	276	1, 565	5, 090	5, 488
Nevada.....	7, 379	2, 642	1, 112	997	649	85	98	270	169	1, 357
New Hampshire.....	14, 415	5, 200	2, 608	1, 724	1, 190	616	138	449	646	1, 844
New Jersey.....	133, 814	50, 596	12, 230	17, 520	17, 593	3, 365	3, 531	1, 695	2, 675	24, 609
New Mexico.....	22, 077	12, 019	2, 411	1, 025	935	841	567	982	646	2, 651
New York.....	502, 488	141, 400	41, 231	32, 754	52, 539	15, 782	19, 398	4, 893	50, 130	94, 361
North Carolina.....	99, 876	52, 464	10, 871	9, 764	5, 591	1, 330	2, 439	3, 106	3, 048	11, 263
North Dakota.....	18, 033	9, 168	2, 241	1, 018	694	269	171	701	254	3, 517
Ohio.....	215, 725	92, 798	20, 391	25, 325	18, 293	5, 769	6, 677	2, 172	13, 386	30, 914
Oklahoma.....	65, 479	33, 490	6, 914	5, 811	4, 268	1, 222	1, 180	2, 235	2, 376	7, 933
Oregon.....	49, 689	21, 987	5, 900	3, 693	3, 729	1, 050	445	2, 160	2, 077	8, 643
Pennsylvania.....	230, 071	96, 586	25, 399	23, 308	22, 220	6, 513	5, 033	2, 355	9, 516	39, 141
Rhode Island.....	20, 952	6, 935	2, 165	2, 462	2, 644	877	460	539	526	4, 344
South Carolina.....	54, 357	29, 225	5, 935	5, 489	3, 180	676	1, 449	2, 314	1, 046	5, 043
South Dakota.....	19, 490	10, 340	2, 773	1, 017	805	285	152	515	470	3, 133
Tennessee.....	78, 601	35, 867	9, 589	7, 483	4, 658	1, 410	2, 326	1, 966	7, 382	7, 920
Texas.....	211, 715	104, 830	23, 634	15, 513	14, 544	2, 348	6, 037	5, 058	12, 643	27, 108
Utah.....	22, 447	12, 272	1, 908	1, 632	1, 293	253	153	771	895	3, 270
Vermont.....	9, 871	4, 642	2, 052	564	605	160	36	376	404	1, 032
Virginia.....	88, 268	41, 181	13, 176	8, 671	5, 451	1, 152	2, 203	2, 358	3, 144	10, 932
Washington.....	79, 777	32, 721	8, 182	7, 290	5, 595	1, 564	906	3, 040	8, 505	11, 974
West Virginia.....	45, 091	25, 520	6, 046	2, 756	2, 391	704	567	1, 206	1, 477	4, 424
Wisconsin.....	94, 252	39, 314	11, 620	9, 384	7, 798	3, 580	3, 032	3, 339	1, 911	14, 274
Wyoming.....	10, 608	5, 069	1, 321	1, 011	513	229	179	693	277	1, 316

<sup>1</sup> Not available; estimates included in totals.

Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in 1954*.

No. 478.—STATE AND LOCAL GOVERNMENT EMPLOYMENT (FULL-TIME EQUIVALENT)  
PER 10,000 POPULATION, BY FUNCTION, BY STATES: OCTOBER 1954

STATE	All func- tions	Educa- tion	High- ways	Health and hospi- tals	Police and fire	Pub- lic wel- fare	Sani- ta- tion	Nat- ural re- sources	Utili- ties and State liquor stores	All other	Popu- lation <sup>1</sup> (1,000)
<b>Total</b> .....	267.3	113.3	27.2	29.9	22.1	6.0	6.7	6.5	14.7	40.9	161,195
Alabama.....	229.4	119.3	31.6	15.9	13.7	3.6	4.8	7.0	9.0	24.6	3,121
Arizona.....	263.8	125.4	30.5	22.8	16.2	2.9	3.7	8.8	14.2	39.3	993
Arkansas.....	199.8	112.1	24.7	16.8	10.7	3.2	2.9	6.7	4.6	18.0	1,910
California.....	319.4	127.6	20.0	35.1	27.9	7.5	5.6	15.3	17.7	62.7	12,554
Colorado.....	305.7	141.3	32.5	28.9	20.6	6.8	4.0	8.7	11.1	51.8	1,456
Connecticut.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	2,219
Delaware.....	285.4	125.5	32.3	31.9	21.7	4.0	4.9	7.3	6.7	51.0	367
Dist. of Columbia.....	251.0	64.9	11.2	32.6	40.9	11.9	23.9	6.6	58.9	861	
Florida.....	298.2	123.3	30.8	38.4	22.5	5.0	13.3	10.4	13.1	41.4	3,524
Georgia.....	230.6	116.5	27.1	19.2	16.1	2.6	8.1	7.1	7.3	26.7	3,660
Idaho.....	279.7	129.8	40.4	20.2	17.6	3.0	1.9	20.2	8.0	38.7	615
Illinois.....	238.5	99.9	15.8	24.9	22.0	5.2	7.5	2.2	24.9	36.3	9,165
Indiana.....	246.5	115.5	22.4	29.1	19.7	5.3	4.2	4.2	10.4	35.6	4,209
Iowa.....	289.7	151.5	34.8	28.5	13.3	8.5	3.9	5.3	12.2	31.7	2,638
Kansas.....	289.6	142.0	43.4	23.4	15.6	6.5	3.5	5.4	12.8	36.8	2,016
Kentucky.....	200.0	101.6	26.8	16.2	13.6	3.8	3.0	4.9	4.8	25.3	2,995
Louisiana.....	293.4	131.0	32.8	35.5	18.9	7.6	7.3	14.1	10.0	36.0	2,924
Maine.....	257.9	111.6	51.6	20.0	16.1	5.1	2.9	11.1	7.7	31.8	930
Maryland.....	252.7	105.5	22.4	35.2	24.6	2.4	8.2	3.9	9.7	40.8	2,602
Massachusetts.....	303.8	81.8	33.0	48.0	40.3	8.9	8.2	2.2	21.2	60.3	4,954
Michigan.....	272.3	119.0	25.9	34.0	22.8	5.1	8.1	4.7	15.1	37.6	7,024
Minnesota.....	299.8	143.8	35.9	34.3	15.9	6.7	3.6	8.4	8.7	42.5	3,103
Mississippi.....	232.4	117.8	33.2	21.7	10.5	4.1	3.8	15.5	5.6	20.1	2,204
Missouri.....	228.0	102.7	20.1	29.6	20.7	5.1	3.2	3.1	7.3	36.1	4,154
Montana.....	302.3	133.9	45.0	16.7	17.1	7.0	3.1	18.9	11.0	49.7	628
Nebraska.....	316.4	144.1	35.1	25.7	16.9	3.8	2.0	11.5	37.3	40.2	1,366
Nevada.....	338.5	121.2	51.0	45.7	29.8	3.9	4.5	12.4	7.8	62.2	218
New Hampshire.....	271.0	97.7	49.0	32.4	22.3	11.6	2.6	8.4	12.1	34.7	532
New Jersey.....	254.9	96.4	23.3	33.4	33.5	6.4	6.7	3.2	5.1	46.9	5,250
New Mexico.....	282.7	153.9	30.9	13.1	12.0	10.8	7.3	12.6	8.3	33.9	781
New York.....	325.6	91.6	26.7	53.6	34.1	10.2	12.6	3.2	32.5	61.2	15,433
North Carolina.....	235.0	123.4	25.6	23.0	13.2	3.1	5.7	7.3	7.2	26.5	4,250
North Dakota.....	283.5	144.2	35.2	16.0	10.9	4.2	2.7	11.0	4.0	55.3	636
Ohio.....	252.2	108.5	23.8	29.6	21.4	6.7	7.8	2.5	15.6	36.1	8,554
Oklahoma.....	288.7	147.7	30.5	25.6	18.8	5.4	5.2	10.1	10.5	34.9	2,268
Oregon.....	303.2	134.1	36.0	22.6	22.7	6.4	2.7	13.2	12.7	52.7	1,639
Pennsylvania.....	213.4	89.6	23.6	21.6	20.6	6.0	4.7	2.2	8.8	36.3	10,779
Rhode Island.....	254.3	84.2	26.3	29.9	32.1	10.6	5.6	6.5	6.4	52.8	824
South Carolina.....	242.9	130.6	26.5	24.5	14.2	3.0	6.5	10.3	4.7	22.5	2,238
South Dakota.....	292.2	155.0	41.6	15.2	12.0	4.3	2.3	7.7	7.0	47.0	667
Tennessee.....	233.8	106.7	28.5	22.3	13.9	4.2	6.9	5.8	22.0	23.6	3,362
Texas.....	250.0	123.8	27.9	18.3	17.2	2.8	7.1	6.0	14.9	32.0	8,468
Utah.....	296.5	162.1	25.2	21.6	17.1	3.3	2.0	10.2	11.8	43.2	757
Vermont.....	256.4	120.6	53.3	14.6	15.7	4.2	0.9	9.8	10.5	26.8	385
Virginia.....	246.0	114.8	36.7	24.2	15.2	3.2	6.1	6.6	8.8	30.4	3,588
Washington.....	314.1	128.8	32.2	28.7	22.0	6.2	3.6	12.0	33.5	47.1	2,540
West Virginia.....	231.6	131.1	31.1	14.2	12.3	3.6	2.9	6.2	7.6	22.8	1,947
Wisconsin.....	263.4	109.9	32.5	26.2	21.8	10.0	8.5	9.3	5.3	39.9	3,578
Wyoming.....	340.0	162.5	42.3	32.4	16.5	7.3	5.7	22.2	8.9	42.1	312

<sup>1</sup> Estimated as of July 1, 1954; excludes Armed Forces overseas.

<sup>2</sup> Not available; estimates included in totals.

Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in 1954*.



No. 479.—STATE AND LOCAL GOVERNMENT PAYROLLS, BY LEVEL OF GOVERNMENT,  
BY STATES: OCTOBER 1954

STATE	PAYROLL, ALL EMPLOYEES					PAYROLL, FULL-TIME EMPLOYEES		AVERAGE EARNINGS DURING MONTH			
	Amount			Percent of total		State	Local <sup>1</sup>	All employees	Full-time employees		
	Total	State	Local <sup>1</sup>	State	Local <sup>1</sup>				Total	State	Local <sup>1</sup>
Total.....	\$1,000 1,318,260	\$1,000 314,641	\$1,000 1,003,619	Per- cent 23.9	Per- cent 76.1	\$1,000 296,142	\$1,000 971,817	Dols. 271	Dols. 306	Dols. 292	Dols. 310
Alabama.....	16,532	4,284	12,248	25.9	74.1	4,059	12,022	212	231	244	227
Arizona.....	8,190	2,010	6,180	24.5	75.5	1,881	6,024	285	313	289	322
Arkansas.....	8,422	2,563	5,859	30.4	69.6	2,446	5,683	190	221	239	214
California.....	151,723	30,885	120,839	20.4	79.6	28,988	117,095	346	378	377	378
Colorado.....	12,528	3,322	9,207	26.5	73.5	3,160	8,828	243	282	294	278
Connecticut.....	( <sup>2</sup> )	( <sup>2</sup> )	13,615	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	13,146	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	344
Delaware.....	3,128	1,596	1,532	51.0	49.0	1,558	1,494	273	299	280	321
Dist. of Columbia.....	7,522		7,522		100.0		7,433	337	347		347
Florida.....	27,955	6,288	21,667	22.5	77.5	6,186	21,388	254	266	253	270
Georgia.....	18,944	4,611	14,333	24.3	75.7	4,517	14,119	211	224	237	221
Idaho.....	4,686	1,592	3,094	34.0	66.0	1,321	2,888	222	273	278	271
Illinois.....	77,576	12,974	64,601	16.7	83.3	11,967	63,100	309	352	298	365
Indiana.....	31,715	7,418	24,297	23.4	76.6	6,671	23,537	263	306	285	312
Iowa.....	20,253	5,222	15,031	25.8	74.2	4,677	14,517	224	265	264	265
Kansas.....	15,714	4,211	11,503	26.8	73.2	3,983	11,029	227	269	267	270
Kentucky.....	14,430	3,921	10,509	27.2	72.8	3,812	10,208	218	241	235	243
Louisiana.....	21,903	7,187	14,716	32.8	67.2	6,999	14,408	238	256	227	272
Maine.....	5,859	2,257	3,602	38.5	61.5	2,129	3,226	189	246	264	235
Maryland.....	19,776	5,195	14,581	26.3	73.7	5,072	14,336	284	301	289	305
Massachusetts.....	44,944	10,430	34,514	23.2	76.8	10,338	33,149	268	299	295	300
Michigan.....	71,413	14,459	56,953	20.2	79.8	14,038	55,295	323	373	360	376
Minnesota.....	29,178	7,276	21,902	24.9	75.1	6,119	20,794	255	312	308	313
Mississippi.....	10,483	3,157	7,326	30.1	69.9	2,980	7,018	184	205	221	199
Missouri.....	24,423	4,971	19,452	20.4	79.6	4,466	18,617	224	257	247	260
Montana.....	5,939	1,902	4,037	32.0	68.0	1,791	3,856	267	314	317	312
Nebraska.....	11,118	2,643	8,475	23.8	76.2	2,399	8,140	215	258	241	263
Nevada.....	2,387	646	1,741	27.1	72.9	625	1,685	291	323	369	309
New Hampshire.....	3,861	1,496	2,365	38.7	61.3	1,402	2,171	183	268	276	263
New Jersey.....	44,851	8,158	36,693	18.2	81.8	7,947	35,256	300	335	320	339
New Mexico.....	6,514	2,215	4,299	34.0	66.0	2,029	4,203	262	295	277	304
New York.....	172,878	31,372	141,506	18.1	81.9	31,170	137,777	320	344	332	347
North Carolina.....	26,932	21,378	5,554	79.4	20.6	20,668	5,362	247	270	285	226
North Dakota.....	4,876	1,442	3,434	29.6	70.4	1,372	3,260	196	271	301	260
Ohio.....	65,977	12,376	53,601	18.8	81.2	11,729	51,377	259	306	296	308
Oklahoma.....	16,397	4,655	11,742	28.4	71.6	4,350	11,386	214	251	238	256
Oregon.....	16,250	5,196	11,054	32.0	68.0	4,795	10,609	285	327	318	331
Pennsylvania.....	70,614	19,041	51,573	27.0	73.0	15,422	49,780	271	308	287	314
Rhode Island.....	5,987	1,999	3,988	33.4	66.6	1,945	3,870	262	286	262	300
South Carolina.....	11,774	3,505	8,269	29.8	70.2	3,390	8,063	200	216	232	211
South Dakota.....	4,924	1,456	3,468	29.6	70.4	1,186	3,318	195	251	264	247
Tennessee.....	18,703	3,870	14,832	20.7	79.3	3,449	14,558	215	238	232	240
Texas.....	59,206	11,955	47,252	20.2	79.8	11,417	46,214	257	279	294	276
Utah.....	6,392	2,074	4,318	32.5	67.5	1,867	4,072	223	285	298	280
Vermont.....	2,516	1,104	1,412	43.9	56.1	1,060	1,281	193	256	268	247
Virginia.....	22,107	7,339	14,767	33.2	66.8	7,121	14,470	230	250	238	257
Washington.....	26,344	6,926	19,418	26.3	73.7	6,418	18,503	280	330	333	329
West Virginia.....	11,784	3,634	8,150	30.8	69.2	3,466	7,871	233	261	234	276
Wisconsin.....	30,760	6,243	24,517	20.3	79.7	5,649	23,413	257	325	327	325
Wyoming.....	3,008	937	2,071	31.2	68.8	891	1,967	250	285	314	272

<sup>1</sup> Subject to sampling variation.

<sup>2</sup> Not available; estimates included in totals.

Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in 1954*.

No. 480.—STATE AND LOCAL GOVERNMENT PAYROLLS, BY FUNCTION, BY STATES:  
OCTOBER 1954

[In thousands of dollars]

STATE	All func- tions	Edu- cation	High- ways	Health and hospitals	Police and fire	Public welfare	Sanitation	Natural resources	Utilities and State liquor stores	All other
<b>Total</b> .....	1,318,260	600,055	118,941	115,100	120,705	25,579	31,451	29,972	79,087	197,370
Alabama.....	16,532	8,912	1,886	946	1,141	276	265	546	688	1,869
Arizona.....	8,190	4,149	956	484	529	84	104	248	479	1,158
Arkansas.....	8,422	4,854	960	673	506	113	109	224	185	799
California.....	151,723	66,275	9,254	12,803	13,637	2,813	2,378	6,797	9,269	28,497
Colorado.....	12,528	6,122	1,359	973	944	263	162	360	465	1,881
Connecticut.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Delaware.....	3,128	1,629	333	247	236	36	43	80	62	462
Dist. of Col.....	7,522	2,349	306	804	1,407	284	574	-----	165	1,634
Florida.....	27,955	12,691	2,415	2,767	2,378	325	1,053	932	1,323	4,072
Georgia.....	18,944	9,794	1,963	1,374	1,521	234	551	543	579	2,385
Idaho.....	4,686	2,268	751	250	303	51	31	338	114	579
Illinois.....	77,576	33,174	4,764	6,453	8,201	1,315	2,629	614	8,689	11,737
Indiana.....	31,715	17,888	2,311	2,528	2,586	492	455	543	1,329	3,583
Iowa.....	20,253	11,350	2,380	1,524	1,023	402	277	383	861	2,054
Kansas.....	15,714	8,453	2,194	929	876	296	177	269	732	1,787
Kentucky.....	14,430	7,794	1,510	937	1,067	253	225	330	391	1,922
Louisiana.....	21,903	11,083	1,935	1,755	1,571	657	445	990	750	2,718
Maine.....	5,859	2,532	1,117	451	394	99	53	291	181	743
Maryland.....	19,776	9,457	1,586	2,046	1,929	156	623	325	726	2,930
Massachusetts.....	44,944	13,949	4,189	5,643	6,074	1,116	1,028	360	3,675	8,911
Michigan.....	71,413	34,319	5,847	7,234	6,327	1,136	2,106	1,110	4,061	9,272
Minnesota.....	29,178	15,177	3,230	2,626	1,672	613	372	752	877	3,861
Mississippi.....	10,483	5,453	1,334	753	558	214	152	721	267	1,032
Missouri.....	24,423	11,880	2,216	2,167	2,594	467	318	404	828	3,548
Montana.....	5,939	2,959	964	248	351	106	57	346	180	727
Nebraska.....	11,118	4,878	1,168	703	658	117	66	465	1,690	1,373
Nevada.....	2,387	896	370	251	219	27	30	100	67	428
N. Hampshire.....	3,861	1,476	681	425	347	116	36	114	173	494
New Jersey.....	44,851	19,534	3,483	4,312	6,527	934	1,059	572	863	7,567
New Mexico.....	6,514	3,943	597	214	248	215	128	296	167	706
New York.....	172,878	55,885	12,703	22,089	20,040	4,535	6,562	1,264	18,299	31,503
N. Carolina.....	26,932	15,509	2,801	1,905	1,593	313	486	805	736	2,785
North Dakota.....	4,876	2,743	667	221	194	66	44	186	69	687
Ohio.....	65,977	29,967	6,069	6,013	6,333	1,422	2,055	634	4,544	8,941
Oklahoma.....	16,397	9,249	1,470	1,040	1,074	302	249	543	556	1,916
Oregon.....	16,250	7,795	1,922	917	1,226	290	130	726	669	2,574
Pennsylvania.....	70,614	32,051	7,172	5,519	7,171	1,612	1,733	765	2,739	11,853
Rhode Island.....	5,987	2,384	523	525	838	211	155	127	127	1,099
S. Carolina.....	11,774	6,546	1,112	959	790	167	250	563	241	1,147
South Dakota.....	4,924	2,725	781	167	194	70	37	153	117	681
Tennessee.....	18,703	8,825	1,887	1,300	1,242	326	457	440	2,263	1,963
Texas.....	59,206	32,157	6,330	3,107	4,364	576	1,352	1,134	3,090	7,097
Utah.....	6,392	3,686	599	363	372	72	39	182	241	839
Vermont.....	2,516	1,161	477	138	160	45	6	124	119	284
Virginia.....	22,107	11,103	2,696	1,808	1,579	279	503	620	846	2,674
Washington.....	26,344	11,699	2,605	1,724	1,899	470	295	925	3,090	3,636
W. Virginia.....	11,784	7,364	1,320	478	650	148	112	324	372	1,016
Wisconsin.....	30,760	13,866	3,564	2,359	2,796	1,027	1,039	945	612	4,552
Wyoming.....	3,008	1,522	403	220	157	61	50	185	85	327

<sup>1</sup> Not available; estimates included in totals.<sup>2</sup> "Highways" excludes and "All other" includes an estimate for nonhighway transportation not segregable from New York State "Highways" data.Source: Department of Commerce, Bureau of the Census; annual report, *State Distribution of Public Employment in 1954*.



**No. 481.—RETIREMENT COVERAGE OF STATE AND LOCAL GOVERNMENT EMPLOYEES,  
BY TYPE OF GOVERNMENT: OCTOBER 1952**

TYPE OF GOVERNMENT	Total	COVERED BY STATE OR LOCAL RETIRE- MENT PLAN <sup>1</sup>		COVERED BY FED- ERAL OLD-AGE AND SURVIVORS INSUR- ANCE		WITHOUT RETIRE- MENT OR PENSION COVERAGE	
		Number	Percent of total	Number	Percent of total	Number	Percent of total
<b>State and local</b> -----	<b>4,510,040</b>	<b>3,021,254</b>	<b>67.0</b>	<b>438,071</b>	<b>9.7</b>	<b>1,050,715</b>	<b>23.3</b>
State-----	1,101,519	745,722	67.7	135,881	12.3	219,916	20.0
Education-----	315,872	166,008	52.6	26,402	8.4	123,462	39.1
Nonschool-----	785,647	579,714	73.8	109,479	13.9	96,454	12.3
Local-----	3,408,521	2,275,532	66.8	302,190	8.9	830,799	24.4
Education-----	1,537,148	1,208,425	78.6	64,036	4.2	264,687	17.2
Nonschool, total-----	1,871,373	1,067,107	57.0	238,154	12.7	566,112	30.3
City-----	1,157,922	759,751	65.6	112,294	9.7	285,877	24.7
County-----	441,541	211,221	47.8	99,433	22.5	130,887	29.6
Township-----	145,921	36,087	24.7	7,791	5.3	102,043	69.9
Special district-----	125,989	60,048	47.7	18,636	14.8	47,305	37.5

<sup>1</sup> Employees covered by Federal OASI and also by supplemental State or local plans counted only once, in latter category.

Source: Department of Commerce, Bureau of the Census; special study, *Retirement Coverage of State and Local Government Employees*.

**No. 482.—SUMMARY OF FINANCES OF STATE-ADMINISTERED PUBLIC-EMPLOYEE  
RETIREMENT SYSTEMS: 1944 TO 1953**

(In thousands of dollars)

ITEM	RECEIPTS					PAYMENTS				Assets, end of fiscal year
	Total	Em- ployee contri- butions	Government contributions		Earn- ings on invest- ments	Total	Bene- fits <sup>1</sup>	With- draw- als <sup>1</sup>	Other	
			State	Local						
1944-----	195,234	76,357	50,243	26,354	42,280	<sup>2</sup> 70,178	48,662	18,857	1,752	1,241,772
1945-----	220,095	89,370	63,658	21,945	45,122	75,282	52,464	20,962	1,856	1,390,249
1946-----	265,718	110,131	71,833	36,469	47,285	90,595	60,034	27,976	2,585	1,607,224
1947-----	317,051	144,808	86,105	38,238	47,900	105,290	70,560	31,579	3,151	1,789,848
1948-----	423,614	182,318	127,099	60,918	53,279	121,360	83,492	33,836	4,032	2,092,571
1949-----	500,975	221,943	142,602	74,335	62,095	141,501	95,017	39,614	6,870	2,436,930
1950-----	608,887	260,494	180,303	97,848	70,242	165,993	109,731	46,807	9,955	2,870,583
1951-----	723,863	310,591	211,362	118,329	83,581	208,519	139,003	61,135	8,381	3,441,064
1952-----	842,034	349,946	263,306	123,330	105,452	256,444	159,966	86,978	9,500	4,012,686
1953										
Total-----	917,119	399,204	281,604	116,427	119,884	301,998	186,270	105,316	10,412	4,637,821
General (State and local)-----	404,309	197,636	93,442	64,695	48,536	133,462	62,750	66,803	3,909	1,882,114
Educational:										
Teachers-----	414,406	163,034	147,285	43,285	60,802	143,121	106,424	30,775	5,922	2,324,227
School-nonteachers-----	8,113	3,073	4,303	-----	737	2,529	1,768	627	134	31,467
School employees <sup>3</sup> -----	16,024	9,394	5,194	-----	1,436	7,828	5,214	2,516	98	66,356
University and col- lege-----	10,061	3,821	4,301	693	1,246	2,232	1,590	556	86	45,872
General and teachers-----	39,282	13,449	20,309	977	4,547	6,789	3,968	2,766	55	186,751
Police-----	4,648	1,422	2,037	689	500	1,716	1,334	326	56	21,472
Firemen-----	626	108	316	134	68	238	228	8	2	2,721
Judicial-----	873	351	393	70	59	558	520	32	6	2,720
Other-----	18,777	6,916	4,024	5,884	1,953	3,525	2,474	907	144	74,121

<sup>1</sup> Amounts for withdrawals shown separately when available; otherwise included with benefit payments.

<sup>2</sup> Includes \$907,000 not distributed according to object of payment.

<sup>3</sup> Teachers and nonteachers not reported separately.

Source: Department of Commerce, Bureau of the Census; annual report, *Compendium of State Government Finances*.

No. 483.—CITY EMPLOYMENT, BY FUNCTION AND BY POPULATION GROUP:  
OCTOBER 1954

FUNCTION	All cities	1,000,000 or more	250,000 to 1,000,000	100,000 to 250,000	25,000 to 100,000	10,000 to 25,000	5,000 to 10,000	Less than 5,000
Number of cities.....	16, 778	5	36	65	376	751	1, 094	14, 451
Population, 1950 (1,000)...	96, 106	17, 404	17, 429	9, 479	17, 669	11, 485	7, 582	15, 056
<b>EMPLOYEES</b>								
<b>Total.....</b>	<b>1, 420, 102</b>	<b>356, 708</b>	<b>282, 121</b>	<b>148, 072</b>	<b>228, 061</b>	<b>127, 254</b>	<b>80, 789</b>	<b>197, 097</b>
Education.....	200, 516	60, 123	43, 978	34, 117	40, 947	14, 098	4, 207	3, 046
Highways.....	112, 570	12, 155	16, 670	11, 524	23, 561	16, 171	11, 821	20, 668
Public welfare.....	18, 454	9, 843	4, 569	1, 531	1, 733	420	198	160
Health.....	26, 375	7, 623	7, 327	3, 597	4, 003	1, 447	1, 090	1, 288
Hospitals.....	100, 257	39, 988	25, 529	9, 470	13, 393	7, 305	2, 417	2, 155
Police.....	189, 317	45, 853	39, 147	17, 968	31, 066	19, 185	11, 312	24, 786
Fire.....	152, 877	22, 817	28, 558	16, 237	27, 674	15, 308	11, 405	30, 878
Sanitation.....	104, 500	23, 273	23, 818	11, 297	18, 253	10, 321	6, 641	10, 897
Recreation.....	59, 526	12, 879	15, 762	7, 975	12, 549	5, 441	2, 622	2, 298
Utilities, total.....	189, 023	68, 429	32, 536	14, 170	21, 492	16, 074	12, 924	23, 398
All other.....	266, 687	53, 725	44, 227	20, 186	33, 390	21, 484	16, 152	77, 523
<b>MONTHLY PAYROLL (\$1,000)</b>								
<b>Total.....</b>	<b>396, 228.9</b>	<b>131, 788.5</b>	<b>89, 112.7</b>	<b>43, 284.0</b>	<b>64, 893.2</b>	<b>32, 057.0</b>	<b>15, 510.4</b>	<b>19, 583.1</b>
Education.....	71, 832.9	24, 302.8	15, 829.5	11, 834.0	13, 940.2	4, 158.6	1, 009.7	758.1
Highways.....	28, 858.4	4, 465.2	4, 978.2	3, 057.6	6, 158.5	4, 021.8	2, 697.0	3, 480.1
Public welfare.....	5, 308.7	3, 104.2	1, 310.2	364.5	408.9	86.8	19.6	14.5
Health.....	7, 285.7	2, 419.9	2, 415.7	949.1	1, 058.3	277.2	99.8	65.7
Hospitals.....	21, 692.4	10, 085.2	5, 466.8	1, 585.3	2, 640.5	1, 201.6	390.8	322.2
Police.....	59, 976.4	18, 369.5	13, 408.7	5, 498.7	9, 340.1	6, 045.2	2, 781.6	4, 532.6
Fire.....	40, 106.6	9, 951.3	10, 261.4	5, 332.1	8, 953.9	3, 646.8	1, 153.3	807.8
Sanitation.....	28, 595.1	8, 752.3	6, 731.5	2, 976.7	4, 691.7	2, 517.2	1, 390.8	1, 534.9
Recreation.....	14, 384.7	4, 038.8	3, 988.1	1, 840.5	2, 617.7	1, 101.4	454.4	343.8
Utilities, total.....	60, 754.4	26, 690.6	11, 205.4	4, 151.9	6, 434.9	4, 602.9	3, 181.5	4, 487.2
All other.....	57, 433.6	19, 608.7	13, 517.2	5, 693.6	8, 648.5	4, 397.5	2, 331.9	3, 236.2
<b>AVERAGE MONTHLY EARNINGS, FULL-TIME EMPLOYEES</b>								
<b>Total.....</b>	<b>\$321</b>	<b>\$382</b>	<b>\$325</b>	<b>\$303</b>	<b>\$302</b>	<b>\$282</b>	<b>\$248</b>	<b>\$229</b>
Education.....	398	477	391	379	368	319	263	271
Highways.....	273	369	299	266	268	257	239	220
Public welfare.....	294	318	228	242	240	232	132	287
Health.....	310	338	332	271	279	240	210	236
Hospitals.....	221	253	215	169	203	181	172	167
Police.....	341	401	352	316	318	348	274	245
Fire.....	352	436	359	328	326	304	277	265
Sanitation.....	288	376	283	264	267	251	224	199
Recreation.....	278	339	274	247	254	256	231	243
Utilities, total.....	333	390	345	294	303	293	263	241
All other.....	312	373	320	294	290	251	232	206
<b>EMPLOYMENT (FULL-TIME EQUIVALENT) PER 10,000 POPULATION</b>								
<b>Total.....</b>	<b>128.9</b>	<b>198.1</b>	<b>157.2</b>	<b>150.8</b>	<b>121.7</b>	<b>99.1</b>	<b>82.7</b>	<b>57.1</b>
Education.....	18.8	29.3	23.2	32.9	21.4	11.4	5.1	1.9
Highways.....	11.0	7.0	9.6	12.1	13.0	13.6	14.9	10.5
Public welfare.....	1.9	5.6	2.6	1.6	1.0	0.3	0.2	(1)
Health.....	2.5	4.1	4.2	3.7	2.1	1.0	0.6	0.2
Hospitals.....	10.2	22.9	14.6	9.9	7.3	5.8	3.0	1.3
Police.....	18.4	26.3	21.9	18.4	16.6	15.1	13.4	12.3
Fire.....	11.9	13.1	16.4	17.1	15.5	10.4	5.5	2.0
Sanitation.....	10.4	13.4	13.7	11.9	10.0	8.7	8.2	5.1
Recreation.....	5.4	6.9	8.3	7.8	5.8	3.8	2.6	0.9
Utilities, total.....	19.0	39.3	18.6	14.9	12.0	13.8	16.0	12.4
All other.....	19.5	30.2	24.2	20.4	16.9	15.2	13.3	10.5

<sup>1</sup> Less than 0.05.

Source: Department of Commerce, Bureau of the Census; annual report, *City Employment in 1954*.



## 16. Banking and Finance

### MONEY AND BANKING

**Banking and monetary system.**—Banks in this country are organized under the laws of both the States and the Federal government. "National" banks organized under Federal law, passed in 1863, are supervised by the Comptroller of the Currency, and State-chartered banks are supervised by officials of the respective States. The Federal Reserve System was established in 1914 to exercise central banking functions, some of which are shared with the United States Treasury. The Reserve System includes national banks and such State banks as voluntarily join the System. The Federal Deposit Insurance Corporation, established on January 1, 1934, insures each deposit account up to \$10,000 in banks which are members of the Federal Reserve System and in such nonmember banks as join the insurance fund.

**Condition of banks.**—The Comptroller of the Currency, who has charge of the supervision of national banks, has collected condition reports since 1863 from these banks and has tabulated and published summaries of their reports in detail in the *Abstract of Reports of National Banks* (now usually four times a year). The call report data are also summarized in the annual reports of the Comptroller.

After the Federal Reserve System was established in 1914, State bank members of the Federal Reserve System began to submit their statements of condition at the same time and in substantially the same form as national banks. These are consolidated by the Board of Governors of the Federal Reserve System with data for national banks collected by the Comptroller of the Currency into totals for all member banks of the Federal Reserve System, and published in the *Member Bank Call Report* (usually four times a year) and in summary form in the *Federal Reserve Bulletin*. *Banking and Monetary Statistics*, which was published in 1943 by the Board of Governors of the Federal Reserve System, makes available in one volume and on a uniform basis statistics of banking, monetary, and other financial developments.

Beginning with June 30, 1947, an all-bank series has been tabulated twice a year by the Federal Deposit Insurance Corporation. Data for noninsured banks are obtained largely through the cooperation of State banking officials. A monthly series, based in part on the all-bank series, is prepared and published by the Board of Governors of the Federal Reserve System.

Statistics of the Postal Savings System are available monthly in the *Federal Reserve Bulletin* and annually in the *Report of Operations of the Postal Savings System*.

**Currency.**—Currency, including coin and paper money, represents a relatively small part of the total media of exchange in the United States, as most money payments are made by check. All currency is now issued by the Federal Reserve Banks and the Treasury.

"Currency in circulation" or "money in circulation" (official *Treasury Circulation Statement*) refers to all coin and paper money outside the Treasury and Federal Reserve Banks, with the exception of gold and silver coin known to have been exported and, beginning with January 31, 1934, all gold coin. It includes all coin and paper money held by the public in the United States whether in current active use or held idle—also some currency which, strictly speaking, is not a part of the money supply in the hands of the public, that is, cash in vaults of commercial and savings banks,

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Note.—This section presents data for the most recent year or period available on April 4, 1955, when the material was organized and sent to the printer. In some instances, more recent data were added later.

currency lost or destroyed, and currency carried abroad by travelers. The Federal Reserve Board derives a monthly figure for "currency outside banks" by subtracting from the Treasury "circulation" figure an amount representing vault cash held by commercial and mutual savings banks, and this figure more nearly approximates true circulation. Historical data on the stock of money and money in circulation may be found in the *Annual Report of the Secretary of the Treasury*.

**Government credit agencies.**—Government corporations and credit agencies make available credit of specified types or to specified groups of private borrowers, either by lending directly or by insuring or guaranteeing loans made by private lending institutions. The purposes and activities of the more than 20 credit agencies reflect mandates and powers given them by Congress. Some of these agencies were created to meet financial problems precipitated by the depression of the thirties; others are geared to meeting certain broad social problems, particularly in the form of foreign aid and aid to housing.

Foreign loans of Government credit agencies include those of the Export-Import Bank and the Foreign Operations Administration. Credit for agricultural purposes is provided by the Rural Electrification Administration; the Commodity Credit Corporation, which makes price support loans on certain farm products; the Farmers Home Administration; and several groups of banks and cooperative credit agencies operating under the supervision of the Farm Credit Administration. (See table 515.) Loans for housing purposes represent largely purchases of insured and guaranteed home mortgages by the Federal National Mortgage Association from private lenders, but also include loans of the Federal Home Loan Banks to member institutions and the loans of the Public Housing Administration to local housing authorities to aid in the construction of low-cost housing. Most Federal guaranteeing and insurance operations are reflected in activities of the Veterans' Administration and the Federal Housing Administration. Outstanding loans of the Reconstruction Finance Corporation (in liquidation since September 1953) represent largely credit extended to businesses.

Statistics on the assets and liabilities of Government credit agencies are published quarterly in the *Treasury Bulletin*. Statistics relating to the operations of Government credit agencies are also available in reports of the individual agencies.

**Private credit agencies other than banks.**—In addition to commercial banks, savings banks, and Government credit agencies, there are a considerable number of other types of credit agencies in the United States. The most important of these are savings and loan associations, insurance companies, finance companies dealing primarily in installment sales financing, credit unions, and personal loan companies. Statistics of savings and loan associations are collected by the Home Loan Bank Board. Statistics on loans, investments, cash, etc., of life insurance companies are collected and published principally by the Spectator Company, which also publishes statistics on other types of insurance. Federal credit unions are under the supervision of the Bureau of Federal Credit Unions of the Department of Health, Education, and Welfare. Consumer credit statistics are published currently in the *Federal Reserve Bulletin*.

#### SAVINGS AND LIQUID ASSETS

**Individuals' saving.**—The Securities and Exchange Commission releases quarterly detailed estimates of individuals' saving showing the increase in liquid assets held by individuals less the increase in their debt, exclusive of gains or losses from revaluation of assets. In addition to total saving, these figures show the components contributing to it, such as changes in securities, cash, insurance, consumers' indebtedness, etc. A continuous series starting with 1942 is published quarterly in a special release and in the Commission's *Statistical Bulletin*. (See table 534.) Annual estimates back to 1933 were published by the Office of Business Economics, in *National Income, 1954 Edition*. The Home Loan Bank Board compiles statistics on changes in selected



types of individual long-term savings. (See table 533.) The Board of Governors of the Federal Reserve System also issues annual data covering the distribution of liquid assets and occasional data covering positive, negative, and net savings of families, by income groups.

**Liquid asset holdings of individuals and businesses.**—The Board of Governors of the Federal Reserve System prepares annual estimates of the amount of currency, demand deposits, time deposits, shares in savings and loan associations, and U. S. Government securities held by individuals and businesses. This series, which begins in December 1939, is published annually in the *Federal Reserve Bulletin*. (See table 535.)

#### SECURITIES MARKETS

**New issues and retirement of securities.**—Statistical information on new security issues has been provided for many years by the *Journal of Commerce* (since 1906) and the *Commercial and Financial Chronicle* (since 1919). (See table 557.) The statistics of the *Commercial and Financial Chronicle*, include, in addition to domestic and foreign corporate issues and State and local government securities, the issues of independent agencies of the United States Government, and of foreign governments and their subdivisions.

A more comprehensive series of new issues with detailed information on the intended uses of net and gross proceeds has been compiled by the Securities and Exchange Commission on a monthly basis since 1934. The data cover substantially all new issues offered for cash sale in the United States in amounts over \$100,000 and with terms to maturity of more than one year. (See tables 555 and 558.) This series is published monthly in the *Statistical Bulletin* of the Securities and Exchange Commission, the *Federal Reserve Bulletin*, and the *Survey of Current Business*.

In addition, the Commission has been compiling statistics since 1933 on changes in security holdings of institutional groups and individuals, and net change in outstanding corporate securities through cash transactions. The latter data are published in the *Federal Reserve Bulletin*. The Commission also publishes data from time to time on cost of flotation of securities registered under the Securities Act of 1933 and privately placed issues.

**Trading in securities.**—(See tables 545–547, 549.) Monthly figures on the total value and volume of securities sold on each of the national securities exchanges have been published since October 1934 by the Securities and Exchange Commission. These figures include all sales effected on exchanges except, since March 1944, United States Government issues. They cover odd lots as well as round lots. The Commission also publishes figures on the total daily round-lot volume of trading in stocks on the New York Stock Exchange and the American Stock Exchange, showing short sales and several categories of member and nonmember purchases and sales. Daily odd-lot purchases and sales are reported separately.

Prior to 1934, the only available statistical data on the volume of trading in securities were the daily figures on the number of shares and the principal amount of bonds reported sold on the New York Stock Exchange and on most of the other securities exchanges. "Reported" volume of stock sales on the New York Stock Exchange represents sales in round lots reported on the ticker and does not include certain types of round-lot transactions such as stopped sales, private sales, split openings, cross transactions, and errors of omission, which ordinarily approximate from five to ten percent of total round-lot sales on the Exchange.

**Security price averages.**—Among the most widely known indexes of security prices are the Dow-Jones averages, which provide a continuous series of common stock prices on a daily basis since 1897. This series is now based on 65 common stocks divided

into 30 industrial, 20 railroad, and 15 public utility stocks. Indexes of the Standard and Poor's Corporation, available since 1918, are now based on the Wednesday closing prices of nearly 500 stocks. (See table 550.) The Securities and Exchange Commission compiles an index of weekly closing prices of 265 stocks listed on the New York Stock Exchange, comprising 37 industry groups. These indexes are published in the Commission's *Statistical Bulletin* and in the Council of Economic Advisers' *Economic Indicators*.

### INSURANCE

**Insurance statistics.**—There are no complete statistics of insurance for the United States as a whole. Individual States collect statistics on insurers operating within their respective jurisdictions; organizations representing certain classes of insurers, or of insurance, collect statistics for those classes; insurance publishers gather the only statistics approaching comprehensiveness. This situation arises primarily from the fact that the regulation of insurance and the collection of primary information on insurance are in the hands of the various States, Territories, and the District of Columbia. While insurance is now largely subject to Federal regulation, the Federal Government has not taken any steps to collect comprehensive statistics of insurance on a national basis. Basic theory and practice are parallel throughout insurance, but application of theory and details of practice, including vocabulary, differ enormously by class of insurance and by class of insurer. Sound combination or comparison of figures is often difficult or impossible.

**Types of insurance.**—Insurance is traditionally classified as life, fire, and marine, and casualty. With some overlapping between classes, an insurer is authorized to write insurance falling in one of these three classes, though there is now a tendency in the direction of permitting insurers, other than life, to write all kinds of insurance except life. *Life insurance* and *marine insurance* are each fairly homogeneous, the one having to do with life contingencies, and the other with losses connected with transportation. *Fire insurance*, as such, offers protection against loss by fire, but insurers in that business write several allied classes of insurance, principally against loss by windstorm, by damage to motor vehicles, by damage to aircraft, by sprinkler leakage, by earthquake, and by riot. *Casualty insurance* is a miscellaneous class, the principal subclasses of which are liability insurance (protecting against loss due to claims for damages) and workmen's compensation insurance (protecting an employer against loss due to his obligations under a workmen's compensation law). (See section 10, Social Insurance and Welfare Services.)

**Types of insurer.**—The principal classes of insurer are stock companies and mutual companies or associations. Of less importance are fraternal insurers, reciprocal exchanges, Lloyds, State funds, and savings banks. *Stock companies* are corporations owned and controlled by stockholders, usually for the purpose of making profits. *Mutuals* are owned and controlled by insured members for the purpose of meeting their insurance needs at cost. *Fraternal insurers* emphasize social purposes as well as insurance; *reciprocal exchanges* are organizations of individual insureds operating through an attorney-in-fact; *Lloyds* are groups of individuals writing insurance in syndicates; *State funds* are insurers operated by individual States and are almost entirely devoted to writing workmen's compensation insurance; *savings banks* write life insurance in three States.

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**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series N 172-178") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.



FIG. XXXV.—DEPOSITS OF ALL BANKS AND CURRENCY OUTSIDE BANKS: 1930 TO 1954

[As of June 30. See table 485]

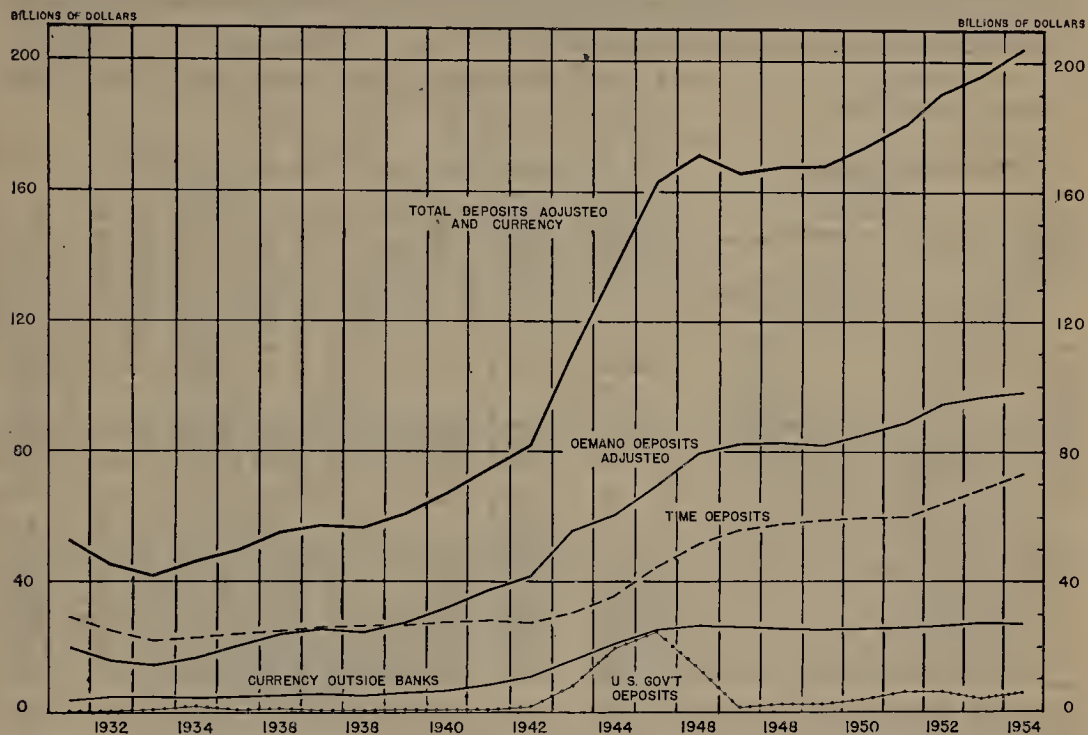
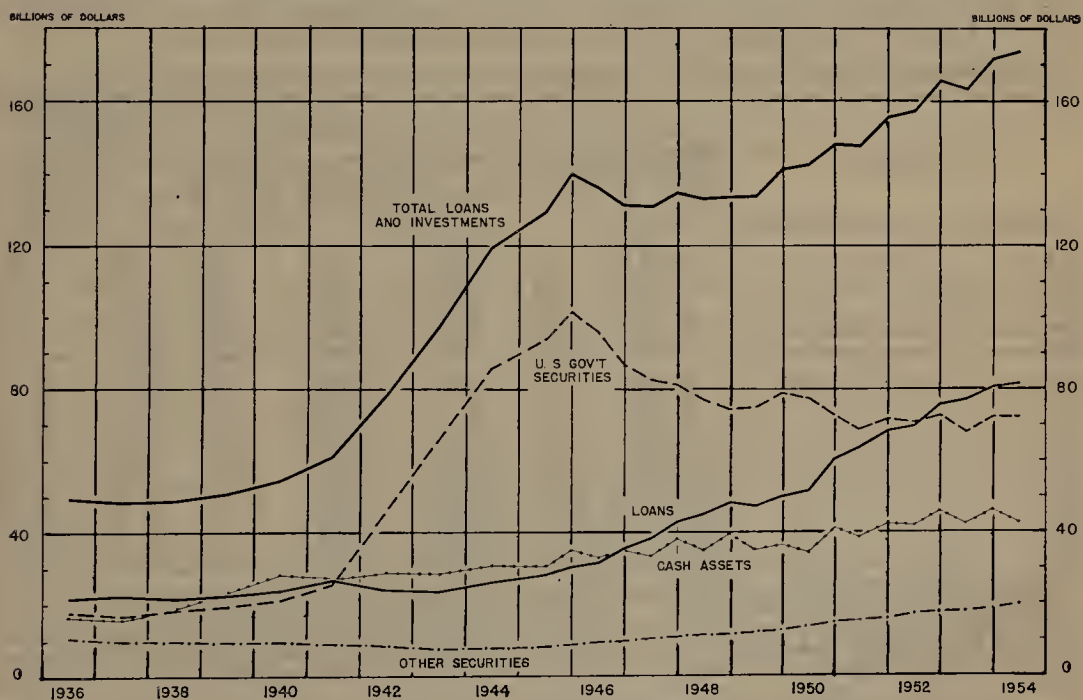


FIG. XXXVI.—PRINCIPAL ASSETS OF ALL BANKS: DECEMBER 1935 TO JUNE 1954

[As of end of December 1935 to 1944; end of June and December thereafter. See table 496]



Source of figs. XXXV and XXXVI: Board of Governors of the Federal Reserve System.

# No. 484.—BANKS AND THE MONETARY SYSTEM—CONSOLIDATED CONDITION STATEMENT: 1929 TO 1954

[In millions of dollars. Figures partly estimated. Comprises all commercial and savings banks, Federal Reserve Banks, Postal Savings System, and Treasury currency funds. Treasury funds included are the gold account, Treasury currency account, and Exchange Stabilization Fund]

ITEM	1929 (June 29)	1933 (June 30)	1939 (Dec. 30)	1945 (Dec. 31)	1950 (Dec. 30)	1952 (Dec. 31)	1953 (Dec. 31)	1954 (Dec. 31)
<b>Total assets or liabilities, net.....</b>	<b>64,698</b>	<b>48,465</b>	<b>75,171</b>	<b>191,785</b>	<b>199,009</b>	<b>220,865</b>	<b>226,715</b>	<b>237,686</b>
<b>ASSETS</b>								
Gold.....	4,037	4,031	17,644	20,065	22,706	23,187	22,030	21,713
Treasury currency outstanding.....	2,019	2,286	2,963	4,339	4,636	4,812	4,894	4,985
Bank credit, total.....	58,642	42,148	54,564	167,381	171,667	192,866	199,791	210,988
Loans, net.....	41,082	21,957	22,157	30,387	60,366	75,484	80,486	85,730
U. S. Government obligations, total.....	5,741	10,328	23,105	128,417	96,560	100,008	100,935	104,819
Commercial and savings banks.....	5,499	8,199	19,417	101,288	72,894	72,740	72,610	77,728
Federal Reserve Banks.....	216	1,998	2,484	24,262	20,778	24,697	25,916	24,932
Other.....	26	131	1,204	2,867	2,888	2,571	2,409	2,159
Other securities.....	11,819	9,863	9,302	8,577	14,741	17,374	18,370	20,439
<b>LIABILITIES AND CAPITAL</b>								
Capital and miscellaneous accounts, net.....	8,922	6,436	6,812	10,979	14,624	16,647	17,538	18,806
Deposits and currency, total.....	55,776	42,029	68,359	180,806	184,385	204,220	209,175	218,882
Foreign bank deposits, net.....	365	50	1,217	2,141	2,518	2,501	2,694	3,329
U. S. Government balances:								
Treasury cash holdings.....	204	264	2,409	2,287	1,293	1,270	761	796
At commercial and savings banks.....	381	852	846	24,608	2,989	5,259	4,457	4,510
At Federal Reserve Banks.....	36	35	634	977	668	389	346	563
Deposits adjusted and currency.....	54,790	40,828	63,253	150,793	176,917	194,801	200,917	209,684
Demand deposits <sup>1</sup> .....	22,540	14,411	29,793	75,851	92,272	101,508	102,451	106,550
Time deposits <sup>2</sup> .....	28,611	21,656	27,059	48,452	59,247	65,799	70,375	75,282
Commercial banks.....	19,557	10,849	15,258	30,135	36,314	40,666	43,659	46,844
Mutual savings banks <sup>3</sup> .....	8,905	9,621	10,523	15,385	20,009	22,586	24,358	26,302
Postal Savings System.....	149	1,186	1,278	2,932	2,923	2,547	2,359	2,136
Currency outside banks.....	3,639	4,761	6,401	26,490	25,398	27,494	28,091	27,852

<sup>1</sup> Demand deposits other than interbank and U. S. Government, less cash items reported as in process of collection.

<sup>2</sup> Excludes interbank time deposits; United States Treasurer's time deposits, open account; and deposits of Postal Savings System in banks.

<sup>3</sup> Prior to 1950, includes a relatively small amount of demand deposits.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

# No. 485.—DEPOSITS AND CURRENCY—ADJUSTED DEPOSITS OF ALL BANKS AND CURRENCY OUTSIDE BANKS: 1892 TO 1954

[In millions of dollars. Figures partly estimated. See also *Historical Statistics*, series N 172-178]

JUNE 30—	Total deposits (adj.) and cur- rency	Currency outside banks	DEPOSITS				Total demand deposits (adj.) and cur- rency
			Total	Demand (adj.) <sup>1</sup>	U. S. Govt. <sup>2</sup>	Time <sup>3</sup>	
1892.....	5,838	1,015	4,823	2,880	14	1,929	3,895
1900.....	8,865	1,331	7,534	4,420	99	3,015	5,751
1910.....	16,977	1,725	15,252	8,254	54	6,944	9,979
1915.....	20,682	1,575	19,107	9,828	48	9,231	11,403
1920.....	39,859	4,105	35,754	19,616	304	15,834	23,721
1925.....	48,323	3,573	44,750	21,376	180	23,194	24,949
1930.....	54,389	3,369	51,020	21,706	322	28,992	25,075
1935.....	49,881	4,783	45,098	20,433	811	23,854	25,216
1940.....	66,952	6,699	60,253	31,962	828	27,463	38,661
1945.....	162,784	25,097	137,687	69,053	24,381	44,253	94,150
1949.....	167,930	25,266	142,664	81,877	2,304	58,483	107,143
1950.....	173,765	25,185	148,580	85,040	3,801	59,739	110,225
1951.....	181,016	25,776	155,240	88,960	6,332	59,948	114,736
1952.....	191,025	26,474	164,551	94,754	6,121	63,676	121,228
1953.....	196,502	27,369	169,133	96,898	3,942	68,293	124,267
1954.....	204,412	27,093	177,319	98,132	5,895	73,292	125,225

<sup>1</sup> Demand deposits other than interbank and U. S. Govt., less cash items reported as in process of collection.

<sup>2</sup> Beginning with December 1938, includes U. S. Treasurer's time deposits, open account.

<sup>3</sup> Includes amounts held by commercial banks, mutual savings banks and Postal Savings System. Excludes interbank time deposits; U. S. Treasurer's time deposits, open account; and deposits of Postal Savings System in banks. Prior to June 30, 1947, includes a relatively small amount of demand deposits at mutual savings banks.

Source: Board of Governors of the Federal Reserve System; *Banking and Monetary Statistics*, and *Federal Reserve Bulletin*. Figures published currently in *Federal Reserve Bulletin*.



## No. 486.—MONEY STOCK AND MONEY IN CIRCULATION: 1800 TO 1954

[In thousands of dollars except per capita. For sake of comparability, figures in this table for earlier years have been revised in conformity with revisions in circulation statement in 1922 and 1927. For explanations of these revisions, see annual reports of Secretary of Treasury 1922, p. 433, and 1928, pp. 70-71. Per capita figures for 1800-40 based on Bureau of Census population figures for continental United States on census dates; beginning 1860, based on estimated population as of July 1 or Dec. 31. See also *Historical Statistics*, series N 148-151]

DATE	Stock of money in United States <sup>1</sup>	MONEY HELD IN TREASURY					MONEY OUTSIDE TREASURY		
		Total	In trust against gold and silver certificates <sup>2</sup>	Gold reserve against United States notes <sup>2</sup>	Held for Federal Reserve Banks and agents <sup>3</sup>	All other money	Held by Federal Reserve Banks and agents	In circulation	
								Amount	Per capita (dollars)
June 30:									
1800	28,000	1,500				1,500		26,500	4.99
1820	69,100	2,000				2,000		67,100	6.96
1840	189,969	3,664				3,664		186,305	10.91
1860	442,102	6,695				6,695		435,407	13.82
1870	899,876	156,994	32,085			124,910		774,966	19.42
1880	1,185,550	225,922	13,753	100,000		112,168		973,382	19.37
1890	1,685,123	684,259	428,387	100,000		155,872		1,429,251	22.67
1895	1,819,360	701,339	483,947	100,000		117,391		1,601,968	23.02
1900	2,366,220	969,492	684,503	150,000		134,990		2,081,231	27.35
1905	2,919,494	1,245,501	949,347	150,000		146,153		2,623,340	31.30
1910	3,466,856	1,603,186	1,285,014	150,000		168,172		3,148,684	34.07
1915	4,050,783	1,967,665	1,619,429	152,977		195,259	382,965	3,319,582	33.01
1920	8,158,496	2,379,664	704,638	152,979	1,184,276	337,771	1,015,881	5,467,589	51.36
1925	8,299,382	4,176,381	2,059,799	153,621	1,752,744	210,217	1,367,591	4,815,208	41.57
1930	8,306,564	4,021,937	1,978,448	156,039	1,796,239	91,211	1,741,087	4,521,988	36.74
1935	15,113,035	9,997,362	7,131,431	156,039	5,532,690	2,709,891	1,147,422	5,567,093	43.75
1940	28,457,960	21,836,936	19,651,067	156,039	14,938,895	2,029,829	3,485,695	7,847,501	59.46
1945	48,009,400	22,202,115	19,923,738	156,039	15,239,072	2,122,338	3,745,512	26,746,438	191.61
1947	50,599,352	23,633,353	22,318,880	156,039	17,223,658	1,158,433	3,763,994	28,297,227	196.33
1948	52,601,129	25,890,134	24,563,132	156,039	19,442,573	1,170,962	3,928,896	27,902,859	190.31
1949	53,103,980	26,861,355	25,554,811	156,039	20,429,710	1,150,505	3,874,816	27,492,910	184.33
1950	52,440,353	26,646,409	25,348,625	156,039	20,166,524	1,141,744	3,819,755	27,155,290	179.03
1951	50,985,939	24,175,565	22,894,641	156,039	17,698,722	1,124,884	4,197,063	27,809,230	180.17
1952	53,853,745	25,810,840	24,528,270	156,039	19,327,733	1,126,530	4,217,518	29,025,925	184.90
1953	54,015,346	24,960,950	23,702,046	156,039	18,470,725	1,102,865	4,160,765	30,124,952	188.72
1954	53,429,405	24,480,870	23,669,625	156,039	18,422,952	655,205	4,273,259	29,921,949	184.23
Dec. 31:									
1953	54,694,209	24,550,015	23,788,712	156,039	18,538,192	605,264	4,614,178	30,780,535	190.98
1954	54,044,088	24,279,085	23,483,409	156,039	18,216,953	639,687	4,522,874	30,508,584	186.10

<sup>1</sup> Beginning 1870, excludes gold and silver certificates and Treasury notes of 1890 outside Treasury. Beginning 1934, excludes amount (gold certificates) held for Federal Reserve Banks and agents. These items are excluded since gold and silver held as security against them are included.

<sup>2</sup> Both items include reserve against Treasury notes of 1890.

<sup>3</sup> 1934 to date, gold certificates. Amount excluded from total since gold held as security against gold certificates is included in column "In trust against gold and silver certificates."

<sup>4</sup> Includes total stock of silver dollars and subsidiary silver.

Source: Treasury Department; *Annual Report of the Secretary; Circulation Statement of United States Money*, published monthly.

## No. 487.—MONEY STOCK AND MONEY IN CIRCULATION, BY KIND: 1930 TO 1954

[In thousands of dollars. As of June 30. See also *Historical Statistics*, series N 148, 151-165]

KIND	1930	1935	1940	1945	1950	1953	1954
Money stock, total <sup>1</sup>	8,306,564	15,113,035	28,457,960	48,009,400	52,440,353	54,015,346	53,429,405
Gold coin and bullion <sup>2</sup>	4,534,866	9,115,643	19,963,091	20,212,973	24,230,720	22,462,818	21,927,003
Silver bullion		313,309	1,353,162	1,520,295	2,022,835	2,126,273	2,157,562
Silver dollars	539,960	545,642	547,078	493,943	492,583	491,518	491,021
Subsidiary silver	310,978	312,416	402,261	825,798	1,001,574	1,193,758	1,275,666
United States notes	346,681	346,681	346,681	346,681	346,681	346,681	346,681
Minor coin	126,001	133,040	173,909	303,539	378,463	418,680	434,675
Federal Reserve notes	1,746,501	3,492,854	5,481,778	23,650,975	23,602,680	26,698,400	26,543,177
Federal Reserve Bank notes	3,260	84,354	22,809	533,979	277,202	202,747	183,005
National bank notes	698,317	769,096	167,190	121,215	87,615	74,472	70,616
Percentage of gold to total money	54.59	60.32	70.15	42.10	46.21	41.59	41.04

See footnotes at end of table.

# No. 487.—MONEY STOCK AND MONEY IN CIRCULATION, BY KIND: 1930 TO 1954—Continued

[In thousands of dollars]

KIND	1930	1935	1940	1945	1950	1953	1954
<b>Money in circulation, total<sup>1</sup></b>	<b>4,521,988</b>	<b>5,567,093</b>	<b>7,847,501</b>	<b>26,746,438</b>	<b>27,156,290</b>	<b>30,124,952</b>	<b>29,921,949</b>
Gold coin <sup>4</sup>	357,236						
Gold certificates	994,841	117,167	66,793	52,084	40,772	36,596	35,481
Silver dollars	38,629	32,308	46,020	125,178	170,185	202,424	211,533
Silver certificates	386,915	701,474	1,581,662	1,650,689	2,177,251	2,121,511	2,135,016
Treasury notes of 1890	1,260	1,182	1,163	1,150	1,145	1,143	1,142
Subsidiary silver	281,231	295,773	384,187	788,283	964,709	1,150,499	1,164,912
Minor coin	117,436	125,125	168,977	291,996	360,886	412,952	418,754
United States notes	288,389	285,417	247,887	322,587	320,781	317,702	320,224
Federal Reserve notes	1,402,066	3,222,913	5,163,234	22,867,459	22,760,285	25,608,669	25,384,606
Federal Reserve Bank notes	3,206	81,470	22,373	527,001	273,788	200,054	180,277
National bank notes	650,779	704,263	165,155	120,012	86,488	73,403	70,005

<sup>1</sup> Totals involve duplication to extent that United States notes and Federal Reserve notes, included in full, are in part secured by gold, also included in full. Gold certificates, silver certificates, and Treasury notes of 1890 excluded, since they are complete duplications of equal amounts of gold or silver held as security therefor and included in totals.

<sup>2</sup> By proclamation of the President dated Jan. 31, 1934, weight of gold dollar reduced from 25.8 to 15½<sup>1</sup>/<sub>16</sub> grains of gold, 0.9 fine. Hence, value of gold based on \$35 per fine ounce beginning June 1934; theretofore, based on \$20.67 per fine ounce.

<sup>3</sup> Includes paper currency held outside continental United States.

<sup>4</sup> Gold Reserve Act of 1934, which was culmination of gold actions of 1933, vested in United States title to all gold coin and gold bullion. Gold coin was withdrawn from circulation and formed into bars. Gold coin (\$287,000,000) shown on Treasury records as being then outstanding was dropped from monthly circulation statement as of Jan. 31, 1934.

Source: Treasury Department; *Annual Report of the Secretary; Circulation Statement of United States Money*, published monthly.

# No. 488.—DEMAND DEPOSIT ACCOUNTS—BANK DEBITS AND DEPOSIT TURNOVER: 1943 TO 1954

[Debits in millions of dollars. Data partly estimated and comprise only debits or charges to demand deposit accounts of individuals, partnerships, and corporations, and of State and local governments, and payments from trust funds on deposit in the banking department. Excludes debits to United States Government deposit accounts, debits to time deposit accounts, and payments of certified and officers' checks, payments in settlement of clearing house balances, charges to expense and miscellaneous accounts, corrections, and similar charges, and debits to the accounts of banks, that is, to interbank accounts. Comparable data not available prior to 1943. For series including time deposits and United States Government accounts, see also *Historical Statistics*, series N 76-85]

YEAR	DEBITS TO DEMAND DEPOSIT ACCOUNTS				ANNUAL RATE OF TURNOVER OF DEMAND DEPOSITS		
	Total, all reporting centers	New York City	6 other centers <sup>1</sup>	338 other reporting centers	New York City	6 other centers <sup>1</sup>	338 other reporting centers
1943	757,356	281,080	175,499	300,777	20.4	18.0	15.3
1944	848,561	327,490	194,751	326,320	22.3	18.3	14.6
1945	924,464	382,760	200,202	341,502	24.1	17.5	13.5
1946	1,017,084	406,790	218,477	391,817	25.1	18.3	14.1
1947	1,103,720	398,464	246,739	458,517	23.8	19.7	15.5
1948	1,227,476	443,216	270,912	513,348	26.9	21.6	16.6
1949	1,206,293	446,224	260,897	499,172	27.9	20.9	15.9
1950	1,380,112	509,340	298,564	572,208	31.1	22.6	17.2
1951	1,542,554	544,367	336,885	661,302	31.9	24.0	18.4
1952	1,643,130	597,815	349,904	695,411	34.4	24.1	18.4
1953	1,759,069	632,801	385,831	740,436	36.7	25.6	18.9
1954	1,887,366	738,925	390,066	753,375	42.3	25.8	19.2

<sup>1</sup> Boston, Philadelphia, Chicago, Detroit, San Francisco, and Los Angeles.

Source: Board of Governors of the Federal Reserve System; annual and current reports on bank debits and *Federal Reserve Bulletin*.



## No. 489.—BANK CLEARINGS AT PRINCIPAL CITIES: 1920 TO 1954

[In millions of dollars. Comparability of figures for different years is affected by tendency toward consolidation of banks, eliminating former clearings between 2 or more banks. Debits to individual account (table 488) are a better measure of volume of payment. Cities listed in order of importance according to clearings in 1954. See also *Historical Statistics*, series N 86-89]

YEAR	Total, 143 cities	New York City	142 cities outside New York City	YEAR	Total, 143 cities	New York City	142 cities outside New York City
1920.....	438,847	243,135	195,712	1938.....	295,644	165,156	130,488
1925.....	499,515	283,619	215,896	1939.....	307,311	165,914	141,397
1926.....	511,689	290,355	221,334	1940.....	315,228	160,878	154,350
1927.....	543,614	321,234	222,386	1941.....	378,244	183,263	194,981
1928.....	622,538	391,727	230,811	1942.....	419,971	192,939	227,032
1929.....	714,889	477,242	237,647	1943.....	514,051	248,560	265,491
1930.....	543,854	347,110	196,744	1944.....	569,877	286,349	283,528
1931.....	411,161	263,270	147,891	1945.....	631,635	334,433	297,202
1932.....	258,145	160,138	98,007	1946.....	709,961	366,065	343,896
1933.....	243,556	157,414	86,142	1947.....	751,796	361,238	390,558
1934.....	263,816	161,507	102,309	1948.....	803,597	371,554	432,043
1935.....	300,402	181,551	118,851	1949.....	770,297	358,845	411,452
1936.....	330,993	193,549	137,444	1950.....	866,107	399,309	466,798
1937.....	335,899	186,740	149,159				

CITY	1920	1925	1930	1935	1940	1945	1950	1952	1953	1954
<b>Total, 38 cities.....</b>	<b>424,173</b>	<b>481,922</b>	<b>528,962</b>	<b>291,351</b>	<b>304,211</b>	<b>611,908</b>	<b>829,719</b>	<b>964,981</b>	<b>997,864</b>	<b>1,069,678</b>
New York.....	243,135	283,619	347,110	181,551	160,878	334,433	399,309	461,724	470,289	532,029
Philadelphia.....	25,095	29,079	26,360	16,909	21,455	34,710	51,102	56,635	55,662	57,147
Chicago.....	32,669	35,392	28,708	13,195	16,685	27,280	40,675	45,067	48,000	48,528
Los Angeles.....	3,994	7,945	8,807	5,852	7,544	17,144	26,505	32,853	34,980	36,745
Detroit.....	6,104	8,431	8,440	4,523	6,312	16,473	22,855	28,372	32,255	31,394
Boston.....	18,817	22,482	23,080	10,646	11,944	19,590	25,348	28,595	29,773	30,851
San Francisco.....	8,122	9,479	9,559	6,469	7,774	15,743	21,983	26,769	27,282	28,020
Cleveland.....	6,907	5,997	6,638	3,417	5,734	11,529	17,684	22,094	24,208	23,297
Dallas.....	1,869	2,557	2,122	1,969	2,987	6,635	14,451	17,532	18,513	19,353
Pittsburgh.....	8,983	8,857	9,247	5,246	7,075	12,979	16,782	19,189	19,933	19,137
Kansas City, Mo.....	11,615	7,036	6,302	4,348	4,998	10,856	16,707	18,447	18,280	18,777
St. Louis.....	8,294	7,627	6,146	3,941	4,822	9,724	14,896	16,019	17,294	17,450
Minneapolis.....	4,012	4,463	4,016	3,045	3,787	8,196	14,114	15,941	16,412	17,436
Houston.....	1,504	1,766	1,676	1,420	2,569	5,982	11,922	15,687	16,264	16,918
Atlanta.....	3,257	3,604	2,258	2,205	3,431	8,264	12,910	16,235	16,434	16,598
Baltimore.....	4,896	5,832	4,820	2,911	4,202	8,315	12,155	14,280	15,407	15,522
Cincinnati.....	3,597	3,710	3,203	2,466	3,245	6,305	9,929	11,327	12,524	12,614
Richmond.....	3,046	2,839	2,287	1,697	2,237	4,518	7,199	8,676	9,065	9,143
Louisville.....	1,290	1,744	1,850	1,395	1,933	4,028	6,934	7,928	8,564	8,729
New Orleans.....	3,315	3,170	2,315	1,434	2,150	4,665	6,871	7,899	8,318	8,680
Seattle.....	2,073	2,205	1,998	1,460	2,113	4,763	6,909	8,466	8,300	8,521
Jacksonville.....	626	1,446	675	625	1,106	2,801	5,123	6,777	7,557	8,367
Portland, Oreg.....	1,907	2,015	1,770	1,279	1,890	3,830	7,991	8,533	8,505	8,227
Birmingham.....	991	1,372	1,010	816	1,230	3,125	5,583	7,365	7,883	7,953
Omaha.....	3,094	2,188	2,183	1,503	1,614	3,968	6,833	7,980	7,838	7,936
Denver.....	1,981	1,668	1,694	1,264	1,627	3,299	5,972	7,117	7,196	7,608
St. Paul.....	1,870	1,631	1,200	1,171	1,459	2,628	5,185	5,796	6,199	6,421
Memphis.....	1,191	1,233	954	828	1,256	2,620	5,371	5,954	6,078	6,289
Buffalo.....	2,293	2,782	2,604	1,473	1,833	3,312	4,671	5,680	6,164	6,029
Washington, D. C.....	897	1,353	1,318	935	1,414	2,499	4,668	5,246	5,491	5,877
Milwaukee.....	1,736	2,062	1,487	829	1,142	1,945	3,734	4,954	5,390	5,664
Nashville.....	1,180	1,122	1,079	697	1,056	2,140	3,987	4,706	5,200	5,610
Salt Lake City.....	892	898	918	648	843	1,562	3,095	3,687	3,974	3,992
Indianapolis.....	942	904	1,092	724	1,063	1,679	3,064	3,316	3,598	3,752
Newark.....	(2)	1,129	1,791	915	995	1,550	2,417	2,707	3,090	3,337
Columbus, Ohio.....	751	803	793	526	577	967	1,900	2,128	2,341	2,466
Hartford.....	531	763	768	558	629	870	1,385	1,685	1,826	1,852
Providence.....	697	718	684	460	603	982	1,499	1,612	1,779	1,409

<sup>1</sup> Series discontinued after 1950.

<sup>2</sup> No data available.

Source: *Commercial and Financial Chronicle*, New York, N. Y., except for data for Los Angeles, which were furnished by Los Angeles Clearing House Association.

## No. 490.—ANALYSIS OF CHANGES IN GOLD STOCK: 1915 TO 1954

[In millions of dollars. Gold valued at \$20.67 per fine ounce through January 1934; at \$35 thereafter. See also *Historical Statistics*, series N 166-171]

YEAR	GOLD STOCK (end of period)		Increase in total gold stock	Domestic gold pro- duction <sup>2</sup>	Net gold import (+) or export (-)	Earmarked gold: Decrease (+) or increase (-)	Gold under earmark (end of period) <sup>3</sup>
	Total <sup>1</sup>	Treasury					
1915.....	2, 025	2, 025	499.1	99.7	+420.5	-----	-----
1920.....	2, 639	2, 639	-68.4	49.9	+95.0	<sup>4</sup> -145.0	22.0
1925.....	4, 112	4, 112	-100.1	48.0	-134.4	+32.2	13.0
1930.....	4, 306	4, 306	309.6	43.4	+230.1	-2.4	137.7
1935.....	10, 126	10, 125	1, 868.0	110.7	+1, 739.0	+2	8.8
1940.....	22, 042	21, 995	4, 242.5	170.2	+4, 744.5	-644.7	1, 807.7
1945.....	20, 083	20, 065	-547.8	32.0	-106.3	-356.7	4, 293.8
1950.....	22, 820	22, 706	-1, 743.3	80.1	-371.3	-1, 352.4	5, 625.7
1952.....	23, 252	23, 187	379.8	67.4	+684.3	-304.8	5, 313.0
1953.....	22, 091	22, 030	-1, 161.9	69.0	+2.2	-1, 170.8	6, 483.8
1954.....	21, 793	21, 713	-297.2	65.4	+16.6	-325.2	6, 808.9

<sup>1</sup> Includes gold in Exchange Stabilization Fund beginning 1935; gold in active portion of this fund not included in Treasury gold stock.

<sup>2</sup> Estimate of the United States Mint through 1953; figure for 1954 is estimate of American Bureau of Metal Statistics.

<sup>3</sup> Held at Federal Reserve Banks for foreign and international accounts.

<sup>4</sup> Adjusted for changes in gold held under earmark abroad by the Federal Reserve banks.

Source: Board of Governors of the Federal Reserve System; *Banking and Monetary Statistics* and *Federal Reserve Bulletin*.

## No. 491.—COINAGE OF GOLD, SILVER, AND MINOR COIN: 1840 TO 1954

[In thousands of dollars. Coinage figures represent face amount of coin. See also *Historical Statistics*, series N 179-182]

YEAR	Total	Gold coin <sup>1</sup>	Silver coin	Minor coin	YEAR	Total	Gold coin <sup>1</sup>	Silver coin	Minor coin
1840.....	3, 427	1, 675	1, 727	25	1925.....	216, 457	192, 380	19, 874	4, 203
1850.....	33, 892	31, 982	1, 866	44	1930.....	8, 731	2, 440	2, 658	3, 632
1860.....	25, 939	23, 474	2, 259	206	1935.....	38, 581	-----	31, 237	7, 344
1870.....	24, 927	23, 199	1, 378	-350	1940.....	50, 158	-----	29, 360	20, 798
1880.....	90, 111	62, 308	27, 412	391	1945.....	101, 132	-----	75, 871	25, 261
1890.....	61, 055	20, 467	39, 203	1, 385	1949.....	28, 346	-----	18, 651	9, 695
1900.....	137, 649	99, 273	36, 345	2, 031	1950.....	41, 891	-----	34, 006	7, 885
1905.....	58, 269	49, 638	6, 332	2, 299	1951.....	74, 736	-----	61, 434	13, 302
1910.....	111, 505	104, 724	3, 744	3, 037	1952.....	95, 736	-----	79, 264	16, 472
1915.....	30, 145	23, 968	4, 114	2, 063	1953.....	76, 792	-----	59, 106	17, 685
1920.....	50, 214	16, 990	25, 057	8, 167	1954.....	87, 468	-----	73, 550	13, 918

<sup>1</sup> Coinage of domestic gold coin discontinued in 1933.

## No. 492.—SILVER—PRICES, BULLION VALUE, AND RATIO TO GOLD: 1840 TO 1953

[All figures, except "Commercial ratio to gold," expressed in dollars. London price reported on basis of ounce .925 fine, converted to ounce 1.000 fine and to American money at par of exchange through 1930; from 1931 through 1944, at current rate of exchange; beginning 1945, reported on basis of ounce .999 fine and converted to American money at current rate of exchange. Commercial ratio computed on basis of London quotations through 1914; thereafter, on basis of New York average price. Beginning 1934, monetary value of gold is \$35.00 per fine ounce, as against \$20.67+ in previous years. Value of fine silver (371¼ grains) in dollar computed on basis of London quotations through 1917; thereafter, on basis of New York average price. See also *Historical Statistics*, series N 183-184, for data on commercial ratio to gold and value of silver in dollar]

CALENDAR YEAR	Lon- don, per fine ounce	NEW YORK, PER FINE OUNCE			Com- mer- cial ratio to gold	Bul- lion value of silver dollar	CALENDAR YEAR	Lon- don, per fine ounce	NEW YORK, PER FINE OUNCE			Com- mer- cial ratio to gold	Bul- lion value of silver dollar
		Aver- age	High	Low					Aver- age	High	Low		
1840.....	1.323	-----	-----	-----	15.62	1.023	1918.....	1.042	.984	1.019	.889	21.00	0.761
1850.....	1.316	-----	-----	-----	15.70	1.018	1920.....	1.346	1.019	1.379	.604	20.28	.788
1860.....	1.352	-----	-----	-----	15.29	1.045	1925.....	.703	.694	.732	.668	29.78	.537
1870.....	1.328	-----	-----	-----	15.57	1.027	1930.....	.387	.385	.472	.311	53.74	.298
1880.....	1.145	1.139	1.150	1.113	18.05	.886	1935.....	.639	.646	.813	.501	54.19	.500
1890.....	1.046	1.053	1.205	.958	19.75	.809	1940.....	.384	.351	.359	.351	99.76	.271
1900.....	.620	.621	.658	.598	33.33	.480	1945.....	.513	.519	.708	.448	67.40	.402
1905.....	.610	.610	.665	.556	33.87	.472	1950.....	.756	.742	.800	.718	47.14	.574
1910.....	.541	.542	.576	.508	38.22	.418	1951.....	.908	.894	.902	.800	39.12	.692
1915.....	.519	.511	.580	.478	40.48	.401	1952.....	.865	.849	.880	.828	41.16	.658
1917.....	.895	.840	1.165	.731	24.61	.692	1953.....	.867	.852	.853	.833	41.04	.660

Source of tables 491 and 492: Treasury Dept., Bureau of the Mint; *Annual Report of the Director*.



# No. 493.—ALL ACTIVE BANKS—PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANKS: 1834 TO 1953

Money figures in millions of dollars. Includes banks in Alaska, Hawaii, Puerto Rico, Philippine Islands (through 1941), and beginning with 1935, those in Virgin Islands and with 1938, those in Canal Zone, Guam (except 1942-44), and American Samoa. Data for banks other than national for earlier years are not as of June 30 and are incomplete, especially through 1885. Figures for mutual savings banks include some stock savings banks for years prior to 1910 and also a few in several more recent years. Private banks are not included prior to 1887; statistics for private banks, except for 1935, cover only banks under State supervision and those voluntarily reporting; for 1935 they include also private banks which submitted reports to the Comptroller of the Currency under provisions of the Banking Act of 1933. See also *Historical Statistics*, series N 19-34, and N 43-48]

CLASS OF BANK AND DATE (JUNE 30 TO 1940; DEC. 31, THEREAFTER)	Number of banks	Total assets or liabili- ties <sup>1</sup>	SELECTED ASSETS			SELECTED LIABILITIES				
			Loans and dis- counts includ- ing over- drafts <sup>2</sup>	U. S. Govt. and other securi- ties <sup>3</sup>	Cash and balances with other banks <sup>4</sup>	Capital stock <sup>5</sup>	Surplus, undiv- ided profits, and reserve <sup>6</sup>	Circula- tion <sup>7</sup>	Total deposits <sup>1</sup>	
<b>All banks:</b>										
1834-----	506	418.9	324.1	6.1	76.1	200.0	-----	94.8	102.3	
1840-----	901	657.8	462.9	42.4	98.7	<sup>8</sup> 358.4	-----	107.0	119.9	
1860-----	1,562	999.9	691.9	70.3	195.7	<sup>8</sup> 421.9	-----	207.1	309.7	
1880-----	3,355	3,398.9	1,662.3	904.2	666.6	565.2	260.3	318.4	2,222.1	
1900-----	10,382	10,785.8	5,657.7	2,498.4	2,256.0	1,024.7	882.2	265.3	8,513.0	
1910-----	23,095	22,450.3	12,521.8	4,687.8	4,437.3	1,879.9	1,955.6	675.6	17,584.2	
1915-----	27,062	27,804.1	15,758.7	5,840.1	5,068.5	2,162.8	2,372.7	722.7	22,031.7	
1920-----	30,139	52,828.2	30,650.1	-11,252.0	8,367.4	2,702.6	3,251.3	688.2	41,725.2	
1925-----	28,841	61,898.1	33,598.5	15,374.9	9,906.8	3,169.7	4,180.8	648.5	51,995.1	
1930-----	24,079	73,462.4	40,510.1	17,944.7	11,178.0	3,889.4	6,392.1	652.3	59,847.2	
1935-----	16,053	60,386.9	20,419.3	24,217.2	12,397.5	3,605.4	4,230.3	222.1	51,586.1	
1940-----	15,017	80,213.6	22,557.7	29,074.9	25,683.9	3,091.8	5,233.3	-----	71,153.5	
1945-----	14,598	178,351.1	30,466.9	110,515.7	35,614.8	3,187.4	7,424.2	-----	166,530.1	
1947-----	14,755	176,024.1	43,231.1	92,397.3	38,560.1	3,342.6	8,654.8	-----	162,728.7	
1948-----	14,735	176,075.4	48,452.7	85,933.4	39,635.5	3,423.2	9,130.6	-----	162,041.4	
1949-----	14,705	180,043.1	49,828.2	91,436.2	36,675.8	3,548.7	9,616.9	-----	165,244.0	
1950-----	14,666	192,240.7	60,711.1	88,004.8	41,235.8	3,670.2	10,245.6	-----	176,120.2	
1951-----	14,636	203,862.6	68,001.0	87,586.3	45,716.6	3,840.0	10,866.3	-----	186,603.7	
1952-----	14,596	214,830.6	75,928.8	90,459.9	45,763.9	4,016.8	11,437.2	-----	196,431.4	
1953-----	14,538	221,132.8	80,920.2	91,325.1	45,991.6	4,173.7	12,035.7	-----	201,978.3	
<b>National banks:</b>										
1865-----	1,294	1,126.5	362.4	<sup>9</sup> 394.0	343.9	325.8	54.5	131.5	<sup>10</sup> 614.2	
1880-----	2,076	2,035.5	994.7	451.5	517.5	455.9	168.5	318.1	1,085.1	
1900-----	7,132	4,944.2	2,644.2	774.6	1,400.3	621.5	391.5	265.3	3,621.5	
1910-----	7,145	9,896.6	5,455.9	1,576.3	2,549.9	989.6	861.4	675.6	7,257.0	
1915-----	7,605	11,795.7	6,665.1	2,026.5	2,697.0	1,068.5	1,036.8	722.7	8,821.2	
1920-----	8,030	23,276.3	13,502.1	4,050.9	4,495.4	1,224.2	1,397.9	688.2	17,166.6	
1925-----	8,072	24,263.7	12,596.2	5,705.2	4,791.9	1,369.4	1,600.6	648.5	19,921.8	
1930-----	7,252	28,872.4	14,897.2	6,888.2	5,415.3	1,744.0	2,232.2	652.3	23,268.9	
1935-----	5,431	26,056.5	7,368.7	10,716.4	6,868.2	1,809.5	1,276.9	222.1	22,518.2	
1940-----	5,170	36,885.1	9,179.2	12,905.3	13,877.1	1,534.6	1,941.8	-----	33,074.4	
1945-----	5,023	90,535.8	13,948.0	55,611.6	20,178.8	1,658.8	2,996.9	-----	85,242.9	
1947-----	5,011	88,447.0	21,480.5	44,010.0	22,075.6	1,779.8	3,641.6	-----	82,275.4	
1948-----	4,997	88,135.1	23,818.5	40,228.4	23,024.3	1,828.8	3,842.1	-----	81,648.0	
1949-----	4,981	90,239.2	23,928.3	44,207.8	21,045.0	1,916.3	4,018.0	-----	83,344.3	
1950-----	4,965	97,240.1	29,277.5	43,022.6	23,813.4	2,001.7	4,327.3	-----	89,529.6	
1951-----	4,946	102,738.6	32,423.8	43,043.6	26,012.2	2,105.3	4,564.8	-----	94,431.6	
1952-----	4,916	108,132.7	36,119.7	44,292.3	26,399.4	2,224.9	4,834.4	-----	99,257.8	
1953-----	4,864	110,116.7	37,944.1	44,210.2	26,545.5	2,301.8	5,107.8	-----	100,947.2	
<b>State (commercial banks): <sup>11</sup></b>										
1840-----	901	657.7	462.9	42.4	98.7	<sup>8</sup> 358.4	-----	107.0	119.9	
1860-----	1,562	999.9	691.9	70.3	195.7	<sup>8</sup> 421.9	-----	207.1	309.7	
1880-----	650	481.8	282.1	61.9	109.9	109.3	35.8	.3	317.9	
1900-----	5,009	3,378.4	1,933.5	589.9	707.0	383.8	289.6	-----	2,659.0	
1910-----	14,378	8,741.2	5,230.3	1,424.9	1,695.2	871.5	795.0	-----	6,840.2	
1915-----	17,791	11,511.4	6,808.5	1,928.4	2,133.2	1,073.8	963.4	-----	9,123.7	
1920-----	20,690	23,720.3	14,427.5	4,452.6	3,608.0	1,465.1	1,414.4	-----	19,199.7	
1925-----	19,635	29,566.2	16,738.7	6,283.4	4,844.3	1,789.5	1,820.0	-----	24,794.0	
1930-----	15,860	34,180.0	19,651.4	7,162.4	5,450.9	2,136.9	3,082.6	-----	27,281.4	
1935-----	9,808	22,441.0	7,586.9	8,590.0	4,915.1	1,701.3	1,665.2	-----	18,636.5	
1940-----	9,239	31,193.9	8,403.5	10,831.6	10,781.9	1,540.2	1,987.6	-----	27,302.1	
1945-----	9,003	70,555.2	12,184.7	42,854.6	14,772.7	1,517.7	2,825.7	-----	65,694.5	

See footnotes at end of table.

# No. 493.—ALL ACTIVE BANKS—PRINCIPAL ASSETS AND LIABILITIES, BY CLASS OF BANKS: 1834 TO 1953—Continued

[Money figures in millions of dollars]

CLASS OF BANK AND DATE (JUNE 30 TO 1940; DEC. 31, THEREAFTER)	Num- ber of banks	Total assets or lia- bilities <sup>1</sup>	SELECTED ASSETS			SELECTED LIABILITIES				
			Loans and dis- counts includ- ing over- drafts <sup>2</sup>	U. S. Govt. and other securi- ties <sup>3</sup>	Cash and balances with other banks <sup>4</sup>	Capital stock <sup>5</sup>	Surplus, undiv- ided profits, and reserve <sup>6</sup>	Circu- lation <sup>7</sup>	Total depos- its <sup>1</sup>	
State (commercial banks): <sup>11</sup> —Continued										
1947.....	9,092	67,396.3	16,684.9	34,482.1	15,488.4	1,550.4	3,104.6	-----	62,283.1	
1948.....	9,090	67,025.3	18,832.2	31,812.5	15,621.9	1,581.8	3,268.1	-----	61,610.4	
1949.....	9,101	67,915.9	19,227.4	33,211.9	14,672.6	1,622.1	3,455.2	-----	62,267.5	
1950.....	9,081	72,215.6	23,178.5	31,611.2	16,526.0	1,658.0	3,651.7	-----	66,221.8	
1951.....	9,075	77,305.6	25,616.1	31,981.5	18,723.8	1,729.6	3,869.4	-----	70,932.2	
1952.....	9,066	81,090.3	28,356.3	33,353.5	18,352.9	1,786.6	4,096.7	-----	74,232.1	
1953.....	9,066	83,515.5	29,959.0	34,061.9	18,370.8	1,866.4	4,343.9	-----	76,317.4	
Mutual savings banks:										
1875.....	674	896.2	532.5	295.7	41.2	-----	45.6	-----	849.6	
1880.....	629	881.7	385.4	390.8	39.1	-----	56.0	-----	819.1	
1900.....	652	2,336.5	1,001.6	1,128.1	114.0	-----	195.5	-----	2,134.7	
1910.....	638	3,652.4	1,727.2	1,676.1	160.7	-----	289.3	-----	3,360.6	
1915.....	630	4,319.4	2,170.0	1,869.9	206.3	-----	360.0	-----	3,951.1	
1920.....	620	5,619.0	2,591.5	2,716.3	226.7	-----	422.5	-----	5,187.1	
1925.....	611	7,913.0	4,183.1	3,351.2	243.3	-----	749.7	-----	7,151.8	
1930.....	606	10,295.3	5,896.0	3,872.4	296.8	-----	1,068.7	-----	9,215.9	
1935.....	571	11,172.5	5,342.5	4,511.4	522.8	<sup>12</sup> 25.6	1,199.1	-----	9,919.8	
1940.....	551	11,952.2	4,926.5	5,261.5	979.4	8.0	1,288.1	-----	10,631.4	
1945.....	534	16,987.1	4,271.8	11,905.4	607.8	4.9	1,584.9	-----	15,354.5	
1947.....	533	19,713.9	4,944.4	13,696.2	886.3	5.0	1,884.1	-----	17,762.8	
1948.....	532	20,473.5	5,686.2	13,708.7	877.9	4.7	1,994.5	-----	18,404.9	
1949.....	531	21,492.9	6,578.1	13,822.2	872.6	5.3	2,116.5	-----	19,293.4	
1950.....	529	22,384.9	8,136.8	13,209.4	796.9	5.4	2,241.8	-----	20,031.3	
1951.....	529	23,438.8	9,861.7	12,397.6	886.2	-----	<sup>12</sup> 406.9	-----	20,915.3	
1952.....	529	25,233.4	11,349.2	12,653.7	918.1	-----	<sup>12</sup> 479.3	-----	22,621.2	
1953.....	528	27,130.0	12,925.2	12,885.0	982.8	-----	<sup>13</sup> 2,559.1	-----	24,397.9	
Private banks:										
1890.....	1,358	165.2	108.4	8.0	36.2	41.4	14.4	-----	105.4	
1900.....	989	126.8	78.4	5.8	34.7	19.4	5.6	-----	97.7	
1910.....	934	160.0	108.4	10.4	31.5	18.9	9.7	-----	126.4	
1915.....	1,036	177.7	115.0	15.3	32.0	20.5	12.5	-----	135.7	
1920.....	799	212.6	128.9	32.2	37.4	13.3	16.5	-----	171.8	
1925.....	523	155.2	80.5	35.2	27.3	10.8	10.4	-----	127.5	
1930.....	361	114.6	65.5	21.7	15.0	8.6	8.7	-----	81.0	
1935.....	243	716.8	121.2	399.4	91.5	69.1	89.1	-----	511.5	
1940.....	57	182.4	48.4	76.5	45.4	8.9	15.8	-----	145.5	
1945.....	38	273.0	62.4	144.1	55.5	5.9	16.7	-----	238.1	
1947.....	119	466.9	121.4	209.1	109.9	7.5	24.5	-----	407.4	
1948.....	116	441.5	115.9	183.9	111.5	7.9	25.9	-----	378.2	
1949.....	92	395.1	94.4	194.4	85.6	5.0	27.1	-----	338.9	
1950.....	91	400.1	118.4	161.6	99.4	5.1	24.8	-----	337.4	
1951.....	86	379.6	99.4	163.5	94.5	5.0	25.1	-----	324.6	
1952.....	85	374.1	103.7	160.4	93.5	5.3	26.8	-----	320.2	
1953.....	80	370.6	91.8	168.0	92.5	5.5	24.9	-----	315.8	

<sup>1</sup> Reciprocal interbank demand balances with banks in U. S. are reported net, beginning 1942.

<sup>2</sup> Acceptances of other banks and bills of exchange or drafts sold with endorsements are excluded for national and State banks beginning with 1920 and for other banks beginning with 1929.

<sup>3</sup> Securities borrowed excluded for national banks beginning with 1903 and for other banks beginning with 1929. Not reported separately for prior years.

<sup>4</sup> Includes lawful reserve and exchanges for clearing house. Beginning 1936, excludes cash items not in process of collection.

<sup>5</sup> Beginning 1934, includes capital notes and debentures in banks other than national.

<sup>6</sup> Interest, taxes, and other expenses accrued and unpaid are excluded for national banks beginning with 1920 and for other banks beginning with 1929.

<sup>7</sup> Figures for national banks represent national bank circulation only; comparatively small amounts of State bank notes outstanding for 1870 to 1910, for which national banks converted from State banks or merged with State banks assumed liability, are not included in the figures for national banks or for all banks.

<sup>8</sup> Capital only. <sup>9</sup> U. S. Government securities only.

<sup>10</sup> Includes State bank circulation outstanding.

<sup>11</sup> Includes loan and trust companies, and with some exceptions (see headnote), stock savings banks.

<sup>12</sup> Figures given under capital for 1935 include capital stock of one stock savings bank (see headnote).

<sup>13</sup> Includes book value of capital notes and debentures; retireable value amounts to \$5,700,000 for 1951, \$4,850,000 for 1952, and \$3,900,000 for 1953.

Source: Treasury Department, Comptroller of the Currency; *Annual Report*.



## No. 494.—ALL ACTIVE BANKS—ASSETS AND LIABILITIES: 1949 TO 1953

[Money figures in millions of dollars. As of December 31. Includes data for U. S. possessions]

ITEM	1949	1950	1951	1952	1953
Number of banks.....	14, 705	14, 666	14, 636	14, 596	14, 538
Assets, total.....	180, 043	192, 241	203, 863	214, 831	221, 133
Loans, total.....	49, 828	60, 711	68, 001	75, 929	80, 920
Loans on real estate.....	18, 350	21, 925	24, 648	27, 245	29, 793
Commercial and industrial loans (including open-market paper).....	17, 195	22, 068	26, 040	28, 041	27, 368
Other loans, including overdrafts.....	15, 070	17, 645	18, 310	21, 720	24, 901
Less valuation reserves.....	787	927	997	1, 077	1, 142
Securities, total.....	91, 436	88, 005	87, 586	90, 460	91, 325
U. S. Government obligations, direct and guaranteed.....	78, 754	73, 188	71, 595	73, 011	72, 873
Obligations of States and political subdivisions.....	6, 657	8, 249	9, 393	10, 564	11, 283
Other bonds, notes, and debentures.....	5, 505	6, 011	5, 989	6, 146	6, 322
Corporate stocks, including stocks of Federal Reserve banks.....	520	557	609	739	847
Currency and coin.....	2, 185	2, 343	2, 891	2, 939	2, 691
Balances with other banks, including reserve balances and cash items in process of collection.....	34, 491	38, 893	42, 826	42, 825	43, 301
Bank premises owned, furniture and fixtures.....	1, 173	1, 241	1, 331	1, 442	1, 557
Real estate owned other than bank premises.....	32	33	37	41	48
Investments and other assets indirectly representing bank premises or other real estate.....	86	103	105	101	95
Customers' liability on acceptances outstanding.....	191	235	349	341	392
Other assets.....	621	677	737	753	804
Liabilities, total.....	166, 878	178, 325	189, 157	199, 377	204, 923
Deposits, total.....	165, 244	176, 120	186, 604	196, 431	201, 978
Deposits of individuals, partnerships, and corporations:					
Demand.....	83, 454	91, 314	97, 006	100, 141	100, 417
Per capita.....	543. 52	585. 18	610. 96	620. 40	611. 74
Time.....	54, 416	55, 203	57, 472	61, 909	66, 346
Per capita.....	354. 39	353. 77	361. 97	383. 54	404. 17
U. S. Government and postal savings deposits.....	3, 325	3, 069	3, 728	5, 381	4, 572
Deposits of States and political subdivisions.....	8, 957	9, 546	10, 102	10, 687	11, 649
Deposits of banks.....	12, 721	14, 050	15, 104	15, 336	15, 974
Other deposits (certified and cashiers' checks, etc.).....	2, 371	2, 938	3, 192	2, 977	3, 020
Bills payable, rediscounts, and other liabilities for borrowed money.....	27	95	44	196	67
Acceptances executed by or for account of reporting banks and outstanding.....	222	270	378	363	419
Other liabilities.....	1, 385	1, 840	2, 131	2, 387	2, 459
Capital accounts, total.....	13, 165	13, 916	14, 706	15, 454	16, 210
Capital notes and debentures.....	48	47	40	47	43
Preferred stock.....	69	62	51	33	31
Common stock.....	3, 431	3, 561	3, 749	3, 937	4, 100
Surplus.....	6, 385	6, 854	7, 262	7, 776	8, 194
Undivided profits.....	2, 626	2, 809	3, 027	3, 066	3, 241
Reserves and retirement account for preferred stock and capital notes and debentures.....	606	583	577	595	601

Source: Treasury Department, Comptroller of the Currency; *Annual Report*.

# No. 495.—ALL ACTIVE BANKS—SUMMARY OF ASSETS AND LIABILITIES, BY STATES AND OTHER AREAS: DEC. 31, 1953

[Money figures in millions of dollars]

REGION, STATE, OR OTHER AREA	Number of banks	Total assets or liabili- ties	SELECTED ASSETS			SELECTED LIABILITIES			
			Loans and dis- counts, includ- ing over- drafts	U. S. Govt. and other securi- ties	Cash and balances with other banks <sup>1</sup>	Capital, surplus, undi- vided profits and reserves <sup>2</sup>	Deposits		
							Total	Demand	Time (incl. postal sav- ings)
<b>Total.....</b>	<b>14,538</b>	<b>221,132.8</b>	<b>80,920.2</b>	<b>91,325.1</b>	<b>45,991.6</b>	<b>16,209.4</b>	<b>201,978.3</b>	<b>132,085.0</b>	<b>69,893.3</b>
<b>Continental U. S.....</b>	<b>14,495</b>	<b>220,139.8</b>	<b>80,518.1</b>	<b>90,979.0</b>	<b>45,811.2</b>	<b>16,118.4</b>	<b>201,099.5</b>	<b>131,575.8</b>	<b>69,523.7</b>
<b>New England States.....</b>	<b>846</b>	<b>16,709.6</b>	<b>6,685.3</b>	<b>7,638.4</b>	<b>2,180.6</b>	<b>1,570.0</b>	<b>14,959.2</b>	<b>6,484.7</b>	<b>8,474.6</b>
Maine.....	95	890.9	324.0	434.8	122.8	91.3	793.4	298.0	495.4
New Hampshire.....	109	730.3	309.7	333.2	81.3	81.6	644.7	190.9	453.7
Vermont.....	74	422.8	223.0	142.1	53.1	40.3	379.5	115.1	264.4
Massachusetts.....	367	9,456.0	3,949.9	4,152.0	1,239.0	917.0	8,416.8	3,861.8	4,555.1
Rhode Island.....	20	1,231.7	484.8	570.7	158.0	99.2	1,118.2	493.8	624.4
Connecticut.....	181	3,977.9	1,393.8	2,005.6	526.5	340.6	3,606.7	1,525.1	2,081.6
<b>Eastern States.....</b>	<b>2,174</b>	<b>81,578.2</b>	<b>32,922.2</b>	<b>32,213.9</b>	<b>15,161.1</b>	<b>6,911.1</b>	<b>73,154.7</b>	<b>43,811.0</b>	<b>29,343.8</b>
New York.....	712	55,622.6	24,057.8	20,292.0	10,358.9	4,722.4	49,594.1	29,376.7	20,217.4
New Jersey.....	333	6,771.9	2,330.6	3,282.4	1,066.3	466.8	6,250.4	3,220.3	3,030.1
Pennsylvania.....	911	14,537.2	5,042.9	6,494.5	2,810.8	1,363.4	13,058.0	8,337.5	4,720.5
Delaware.....	37	711.7	257.9	334.1	109.8	74.3	631.1	430.7	200.4
Maryland.....	162	2,569.4	786.1	1,262.6	469.5	196.5	2,354.3	1,439.2	915.1
District of Columbia.....	19	1,365.4	446.9	548.4	345.8	87.7	1,266.8	1,006.4	260.3
<b>Southern States.....</b>	<b>3,908</b>	<b>32,599.5</b>	<b>10,723.9</b>	<b>12,347.6</b>	<b>9,086.4</b>	<b>2,145.7</b>	<b>30,158.7</b>	<b>24,677.2</b>	<b>5,481.5</b>
Virginia.....	316	2,608.3	948.5	1,025.7	598.7	190.9	2,390.1	1,591.3	798.8
West Virginia.....	182	1,171.5	351.3	548.6	259.5	100.3	1,063.7	767.2	296.5
North Carolina.....	226	2,430.2	834.6	985.0	579.7	167.8	2,216.0	1,706.1	509.9
South Carolina.....	150	908.9	257.7	395.1	247.5	56.8	845.1	731.7	113.4
Georgia.....	392	2,298.1	866.5	782.2	618.9	162.4	2,109.5	1,724.8	384.7
Florida.....	217	2,833.2	733.7	1,321.7	737.3	170.4	2,641.5	2,123.7	517.8
Alabama.....	231	1,617.4	504.9	688.5	407.0	112.7	1,491.3	1,176.1	315.2
Mississippi.....	200	1,023.6	310.9	434.8	268.0	66.4	953.1	809.5	143.6
Louisiana.....	171	2,389.5	649.3	1,019.5	690.7	130.3	2,239.2	1,899.4	339.8
Texas.....	917	9,640.7	3,239.0	3,044.7	3,142.1	594.7	8,973.0	7,921.6	1,051.4
Arkansas.....	230	1,021.9	313.2	406.2	295.6	73.7	944.6	811.9	132.7
Kentucky.....	378	2,025.2	685.2	790.3	534.1	147.8	1,863.1	1,576.7	286.4
Tennessee.....	298	2,630.8	979.0	905.3	707.3	171.5	2,428.5	1,837.0	591.5
<b>Middle Western States.....</b>	<b>4,956</b>	<b>53,931.3</b>	<b>16,801.6</b>	<b>24,782.7</b>	<b>11,892.4</b>	<b>3,359.3</b>	<b>50,153.9</b>	<b>34,889.6</b>	<b>15,264.3</b>
Ohio.....	647	10,215.0	3,382.0	4,577.5	2,147.5	642.4	9,483.2	6,107.1	3,376.1
Indiana.....	482	4,247.9	1,158.6	2,102.2	952.4	249.5	3,968.8	2,826.7	1,142.1
Illinois.....	900	15,910.3	4,580.6	7,614.3	3,608.2	992.7	14,794.1	10,956.9	3,837.2
Michigan.....	431	7,515.1	2,262.5	3,670.5	1,507.1	420.5	7,019.4	4,261.7	2,757.7
Wisconsin.....	558	3,819.6	1,189.2	1,824.6	773.0	239.0	3,566.4	2,157.8	1,408.6
Minnesota.....	678	3,832.8	1,380.5	1,607.7	812.5	256.0	3,541.2	2,325.7	1,215.5
Iowa.....	662	2,853.4	964.3	1,247.2	624.1	200.4	2,646.0	1,981.3	664.7
Missouri.....	598	5,537.2	1,883.9	2,138.7	1,467.4	358.7	5,134.8	4,272.4	862.5
<b>Western States.....</b>	<b>2,107</b>	<b>10,334.5</b>	<b>3,195.2</b>	<b>4,437.1</b>	<b>2,624.3</b>	<b>658.3</b>	<b>9,620.5</b>	<b>8,028.4</b>	<b>1,592.2</b>
North Dakota.....	153	653.3	206.8	345.5	97.4	42.7	607.4	425.1	182.3
South Dakota.....	169	605.9	216.1	266.2	118.9	38.8	563.8	435.2	128.6
Nebraska.....	419	1,671.6	493.6	746.8	420.8	109.8	1,555.4	1,390.5	164.9
Kansas.....	606	2,110.5	646.5	924.6	527.2	137.4	1,966.0	1,705.8	260.2
Montana.....	109	701.1	204.2	325.8	165.6	32.8	663.0	542.1	120.9
Wyoming.....	53	340.6	95.3	153.5	89.4	20.0	319.1	249.4	69.7
Colorado.....	162	1,539.9	505.6	633.3	390.3	96.5	1,431.0	1,086.1	344.9
New Mexico.....	52	491.2	144.8	188.3	152.3	25.9	463.3	385.0	78.4
Oklahoma.....	384	2,220.3	682.3	853.2	662.4	154.5	2,051.4	1,809.3	242.1
<b>Pacific States.....</b>	<b>504</b>	<b>24,986.7</b>	<b>10,190.0</b>	<b>9,559.3</b>	<b>4,866.4</b>	<b>1,474.0</b>	<b>23,052.4</b>	<b>13,685.0</b>	<b>9,367.4</b>
Washington.....	116	2,662.4	1,091.0	1,023.3	514.5	173.0	2,464.6	1,587.2	877.4
Oregon.....	68	1,789.8	689.1	712.0	362.6	119.0	1,648.1	1,069.0	579.1
California.....	206	18,264.0	7,553.9	6,901.3	3,528.3	1,053.4	16,822.2	9,529.2	7,293.0
Idaho.....	38	543.1	218.0	217.9	102.2	28.0	512.2	360.3	151.9
Utah.....	54	776.5	289.2	303.3	176.8	46.1	723.1	483.1	240.0
Nevada.....	8	263.3	95.7	116.2	47.5	13.8	245.7	165.9	79.8
Arizona.....	14	687.6	253.1	285.2	134.5	40.8	636.5	490.4	146.1
<b>Other areas.....</b>	<b>43</b>	<b>993.0</b>	<b>402.1</b>	<b>346.1</b>	<b>180.4</b>	<b>91.0</b>	<b>878.8</b>	<b>509.2</b>	<b>369.6</b>
Alaska.....	19	148.1	37.5	76.4	32.0	7.4	140.4	93.4	47.0
Canal Zone (Panama).....	( <sup>3</sup> )	21.8	1.6	1.7	4.6	-----	21.8	19.6	2.2
Guam.....	( <sup>4</sup> )	23.0	4.2	-----	1.1	-----	22.8	12.1	10.7
Hawaii.....	9	445.6	184.4	166.5	86.1	36.6	406.1	216.7	189.4
Puerto Rico.....	11	345.2	172.2	96.4	54.6	46.0	279.5	162.9	116.6
American Samoa.....	1	1.4	( <sup>5</sup> )	.9	.4	.2	1.2	.8	.4
Virgin Islands.....	3	7.9	2.1	4.1	1.5	.8	7.0	3.7	3.3

<sup>1</sup> Includes reserve balances and cash items in process of collection.<sup>2</sup> Includes capital notes and debentures and retirement account for preferred stock and capital notes, etc.<sup>3</sup> 4 branches of 2 American national banks.<sup>4</sup> Branch of an American national bank.<sup>5</sup> Less than \$50,000.Source: Treasury Department, Comptroller of the Currency; *Annual Report*.



# **No. 496.—ALL BANKS IN CONTINENTAL UNITED STATES—PRINCIPAL ASSETS AND LIABILITIES, AND NUMBER OF BANKS: 1930 TO 1954**

[Money figures in millions of dollars. In general, data cover national banks, State commercial banks, trust companies, mutual and stock savings banks, and such private, Morris Plan, and industrial banks for which data are available. Beginning June 30, 1954, data include one member bank in Alaska. For member bank data, see table 498; for figures on all active banks including those in territories and possessions, see table 493]

ITEM	1930 (Dec. 31)	1935 (Dec. 31)	1940 (Dec. 31)	1945 (Dec. 31)	1950 (Dec. 30)	1952 (Dec. 31)	1953		1954	
							June 30	Dec. 31	June 30	Dec. 31
Loans and investments, total.....	56,602	45,779	54,177	140,227	148,621	165,626	163,082	171,497	173,343	183,784
Loans.....	38,052	20,356	23,756	30,362	60,386	75,512	77,117	80,518	81,227	85,617
Investments, total.....	18,550	25,424	30,422	109,865	87,635	90,114	85,965	90,980	92,116	98,167
U. S. Government obligations.....	(1)	15,527	20,972	101,288	72,894	72,740	68,108	72,610	72,525	77,728
Other securities.....	(1)	9,896	9,449	8,577	14,741	17,374	17,856	18,370	19,591	20,439
Cash assets <sup>2</sup> .....	(1)	14,849	28,090	35,415	41,086	45,584	42,023	45,811	42,556	44,585
Deposits, total <sup>2</sup> .....	58,092	55,389	75,996	165,612	175,296	195,552	189,159	201,100	199,508	211,115
Interbank <sup>2</sup> .....	5,155	6,570	10,934	14,065	14,039	15,321	13,600	15,957	15,500	16,811
Other:										
Demand.....	(1)	25,427	38,558	105,935	104,744	116,633	109,389	116,788	112,637	120,793
Time.....	(1)	23,392	26,503	45,613	56,513	63,598	66,170	68,354	71,371	73,511
Capital accounts, total....	(1)	7,787	8,302	10,542	13,937	15,367	15,791	16,118	16,664	17,270
Number of banks.....	22,773	15,900	14,896	14,553	14,650	14,575	14,537	14,509	14,465	14,367

<sup>1</sup> Not available.

<sup>2</sup> Beginning June 30, 1942, excludes reciprocal interbank balances, which on Dec. 31, 1942, aggregated \$513 million at all member banks and \$525 million at all insured commercial banks.

# **No. 497.—FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—EARNINGS, EXPENSES, AND DIVIDENDS: 1930 TO 1954**

[Money figures in millions of dollars; ratios in percentages. See also *Historical Statistics*, series N 68-75]

ITEM	1930	1935	1940	1945	1950	1953	1954		
							Total	National	State
Number of banks.....	8,052	6,387	6,486	6,884	6,873	6,743	6,660	4,789	1,871
Current earnings, total.....	2,157.9	1,206.6	1,323.0	2,102.2	3,264.7	4,590.2	4,826.1	3,216.0	1,610.1
Interest earned.....	1,857.5	967.3	1,026.6	1,707.9	2,663.2	3,854.3	4,001.4	2,716.7	1,284.6
Expenses, total <sup>1</sup> .....	1,604.3	832.5	921.0	1,267.6	2,019.7	2,781.5	2,998.5	1,988.7	1,009.8
Interest paid.....	771.0	209.7	147.6	185.2	274.9	447.4	501.6	346.3	155.3
Salaries and wages.....	451.8	334.5	400.3	579.6	999.9	1,371.5	1,462.7	951.3	511.4
Net current earnings <sup>1</sup> .....	553.6	374.1	402.0	834.5	1,244.9	1,808.7	1,827.6	1,227.2	600.3
Recoveries, profits on securities, etc.	118.2	376.0	302.8	453.8	218.6	132.3	552.0	363.5	188.4
Losses and charge-offs <sup>1</sup> .....	365.3	538.3	355.7	229.9	313.7	383.5	479.3	320.8	158.5
Profits before income taxes.....	(1)	(1)	(1)	1,058.5	1,149.9	1,557.5	1,900.3	1,270.0	630.3
Taxes on net income.....				270.1	369.1	692.3	804.2	530.3	273.9
Net profits.....				788.4	780.8	865.3	1,096.1	739.6	356.5
Cash dividends declared <sup>2</sup> .....	367.0	186.8	210.5	245.9	345.5	418.7	456.1	299.5	156.6
Loans <sup>3</sup> .....	25,018.0	11,985.0	14,298.0	19,815.0	39,098.0	56,142.0	57,513.0	(4)	(4)
Securities <sup>3</sup> .....	10,377.0	16,913.0	20,623.0	77,361.0	64,314.0	63,014.0	67,329.0	(4)	(4)
Capital accounts <sup>3</sup> .....	6,723.0	5,118.0	5,597.0	7,243.0	9,455.0	11,043.0	11,724.0	(4)	(4)
Ratios to average capital accounts:									
Net current earnings <sup>1</sup> .....	8.2	7.3	7.2	11.5	13.2	16.4	15.6	(4)	(4)
Net profits.....	4.6	4.1	6.2	10.9	8.3	7.8	9.3	(4)	(4)
Cash dividends declared.....	5.5	3.7	3.8	3.4	3.7	3.8	3.9	(4)	(4)
Ratios to average total assets:									
Total current earnings.....	4.6	2.9	2.3	1.7	2.4	2.9	3.0	(4)	(4)
Net current earnings <sup>1</sup> .....	1.2	0.9	0.7	0.7	0.9	1.2	1.1	(4)	(4)

<sup>1</sup> Beginning with 1942, taxes on net income, previously included in expenses, are reported separately, and recurring depreciation on banking-house furniture and fixtures, previously included in losses and charge-offs, is included in expenses.

<sup>2</sup> Includes interest on capital notes and debentures beginning 1933, when first issued.

<sup>3</sup> Prior to 1949, averages of amounts reported for every call date in year and final call date in preceding year. For 1949-1954 averages of amounts reported for call dates at beginning, middle, and end of year were used, plus the last-Wednesday-of-the-month figures for the 10 intervening months.

<sup>4</sup> Not available on the 13-month basis used for all member banks.

Source of tables 496 and 497: Board of Governors of the Federal Reserve System; figures through 1941, *Banking and Monetary Statistics*; published currently in *Federal Reserve Bulletin*.

# No. 498.—FEDERAL RESERVE SYSTEM, ALL MEMBER BANKS—PRINCIPAL ASSETS AND LIABILITIES: 1930 TO 1954

[Money figures in millions of dollars. As of December 31. See also *Historical Statistics*, series N 49-55, for data as of June 30 on all member banks]

ITEM	ALL MEMBER BANKS							
	1930	1935	1940	1945	1950	1952	1953	1954
Number of banks.....	8,052	6,387	6,486	6,884	6,873	6,798	6,743	6,660
<b>ASSETS</b>								
Loans and investments, total.....	34,860	29,985	37,126	107,183	107,424	119,547	122,422	131,602
Loans.....	23,870	12,175	15,321	22,775	44,705	55,034	57,762	60,250
Investments, total.....	10,989	17,810	21,805	84,408	62,719	64,514	64,660	71,352
U. S. Govt. obligations <sup>1</sup> .....	4,125	12,268	15,823	78,338	52,365	52,763	52,603	57,809
Other securities.....	6,864	5,541	5,982	6,070	10,355	11,751	12,057	13,543
Reserve with Federal Reserve Banks.....	2,475	5,573	13,992	15,811	17,459	19,810	19,997	18,735
Cash in vault.....	593	665	991	1,438	1,643	2,081	1,870	1,843
Balances with domestic banks <sup>2</sup> .....	2,456	3,776	6,185	7,117	6,868	7,378	7,554	7,613
<b>LIABILITIES</b>								
Deposits, total.....	37,029	38,454	56,430	129,670	133,089	147,527	150,164	157,252
Interbank:								
Domestic banks <sup>2</sup> .....	3,980	5,847	9,716	12,380	11,693	12,626	12,896	13,078
Foreign banks.....	784	449	706	1,260	1,755	1,991	2,275	2,905
U. S. Government <sup>3</sup> .....	267	844	651	22,275	2,698	4,870	4,047	4,029
Postal savings.....	189	218	22	3	7	18	18	19
All other:								
Demand.....	18,796	21,056	33,213	69,640	87,783	95,453	96,024	99,604
Time.....	13,012	10,041	12,122	24,111	29,153	32,570	34,905	37,616
Demand deposits adjusted <sup>4</sup> .....	15,869	18,801	30,429	64,184	78,370	85,543	86,127	89,836
Net demand deposits subject to reserve.....	18,969	22,169	35,262	70,918	87,160	96,786	96,507	100,477
Borrowings.....	513	14	3	208	79	165	43	15
Capital accounts.....	6,593	5,145	5,698	7,589	9,695	10,761	11,316	12,210

ITEM	NEW YORK <sup>5</sup>			CHICAGO <sup>5</sup>			RESERVE CITY BANKS			COUNTRY BANKS		
	1952	1953	1954	1952	1953	1954	1952	1953	1954	1952	1953	1954
Number of banks.....	22	22	21	13	13	13	319	319	300	6,444	6,389	6,326
<b>ASSETS</b>												
Loans and investments, total.....	22,130	22,058	23,880	6,240	6,204	6,518	45,583	46,755	50,738	45,594	47,404	50,466
Loans.....	12,376	12,289	12,039	2,748	2,776	2,784	21,697	22,763	23,986	18,213	19,934	21,442
Investments, total.....	9,754	9,769	11,841	3,493	3,428	3,734	23,886	23,993	26,752	27,381	27,470	29,024
U. S. Govt. obligations <sup>1</sup> .....	7,678	7,765	9,342	2,912	2,856	3,120	19,624	19,559	21,718	22,549	22,423	23,629
Other securities.....	2,076	2,004	2,499	581	572	614	4,262	4,434	5,034	4,832	5,047	5,395
Reserve with Federal Reserve Banks.....	5,059	4,846	4,398	1,144	1,287	1,177	7,788	8,084	7,783	5,820	5,780	5,377
Cash in vault.....	148	129	126	32	34	29	651	568	558	1,250	1,140	1,129
Balances with domestic banks <sup>2</sup> .....	84	70	67	169	166	162	2,419	2,463	2,327	4,706	4,855	5,057
<b>LIABILITIES</b>												
Deposits, total.....	27,309	27,037	28,252	7,686	7,724	7,845	57,357	58,663	61,796	55,175	56,740	59,360
Interbank:												
Domestic banks <sup>1</sup> .....	3,354	3,374	3,354	1,311	1,343	1,234	6,670	6,878	6,972	1,291	1,301	1,488
Foreign banks.....	1,611	1,840	2,355	39	44	58	330	377	472	11	13	20
U. S. Government <sup>3</sup> .....	1,202	832	791	347	262	256	1,917	1,599	1,564	1,404	1,354	1,419
Postal savings.....							3	3	5	15	15	15
All other:												
Demand.....	19,361	18,894	19,414	4,789	4,837	4,977	35,281	35,773	37,418	36,022	36,520	37,794
Time.....	1,780	2,097	2,338	1,201	1,239	1,290	13,156	14,033	15,365	16,433	17,536	18,624
Demand deposits adjusted <sup>4</sup> .....	16,288	15,901	16,500	4,126	4,211	4,400	30,609	30,986	32,694	34,519	35,029	36,242
Net demand deposits subject to reserve.....	21,850	20,995	21,684	5,645	5,683	5,794	36,912	37,129	39,046	32,379	32,699	33,954
Borrowings.....	132	23	1				8		3	25	20	11
Capital accounts.....	2,505	2,572	2,803	541	566	600	3,745	3,984	4,300	3,970	4,194	4,506

<sup>1</sup> Both direct and guaranteed obligations.

<sup>2</sup> Prior to Dec. 31, 1935, excludes balances with private banks to extent that such balances were reported in "Other assets." Prior to Dec. 31, 1933, excludes time balances with domestic banks which then amounted to \$62,000,000 and which, prior to that time, were reported in "Other assets." Beginning June 30, 1942, excludes reciprocal bank balances which on Dec. 31, 1942, aggregated \$513,000,000.

<sup>3</sup> Beginning with 1940, includes U. S. Treasurer's time deposits, open account.

<sup>4</sup> Demand deposits other than interbank and U. S. Government, less cash items reported as in process of collection and, prior to Dec. 31, 1935, less cash items reported on hand but not in process of collection.

<sup>5</sup> Central reserve city banks only.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin* and *Member Bank Call Report*.



## No. 499.—FEDERAL RESERVE BANKS—PRINCIPAL ASSETS: 1920 TO 1954

[In thousands of dollars. See also *Historical Statistics*, series N 114-119, for data on all Federal Reserve Banks]

FEDERAL RESERVE DISTRICT AND DATE (DEC. 31)	Total assets	Reserves	RESERVE BANK CREDIT OUTSTANDING				
			Total <sup>1</sup>	Loans and securities			
				Total <sup>2</sup>	Discounts and ad- vances	Accept- ances purchased	U. S. Govt. securities
<b>All F. R. banks:</b>							
1920 (Dec. 29)-----	6,254,105	2,250,400	3,354,632	3,234,828	2,687,393	260,406	287,029
1925-----	5,109,404	2,824,371	1,459,172	1,395,122	642,993	374,356	374,568
1930-----	5,200,648	3,081,517	1,373,332	1,351,852	251,398	363,844	729,467
1935-----	11,025,800	7,835,351	2,485,631	2,472,733	4,672	4,656	2,430,731
1940-----	23,261,866	20,035,582	2,274,219	2,194,553	2,915	-----	2,184,100
1945-----	45,062,898	17,862,924	25,091,366	24,513,094	248,905	-----	24,262,248
1950-----	47,172,314	21,457,632	22,215,951	20,847,518	67,395	-----	20,777,567
1952-----	51,852,494	21,985,705	25,824,524	24,857,283	156,379	-----	24,697,012
1953-----	52,314,557	21,353,746	26,880,133	25,945,308	27,855	-----	25,915,574
1954-----	50,872,135	21,032,507	25,884,594	25,076,374	143,304	-----	24,932,362
<b>Boston:</b>							
1950-----	2,643,116	846,109	1,514,612	1,428,870	125	-----	1,428,745
1952-----	2,880,036	753,320	1,790,147	1,695,226	2,214	-----	1,693,012
1953-----	2,856,093	1,090,307	1,452,539	1,395,607	1,515	-----	1,394,092
1954-----	2,813,149	1,083,827	1,419,015	1,381,973	8,683	-----	1,373,290
<b>New York:</b>							
1950-----	12,442,611	6,583,598	5,234,219	4,945,795	61,960	-----	4,883,808
1952-----	13,456,292	6,112,901	6,574,746	6,328,276	114,924	-----	6,213,352
1953-----	13,442,347	5,381,556	7,307,245	7,122,428	7,050	-----	7,115,378
1954-----	12,887,537	5,507,003	6,636,928	6,440,401	39,117	-----	6,401,284
<b>Philadelphia:</b>							
1950-----	2,874,305	1,180,843	1,468,477	1,384,042	3,640	-----	1,378,198
1952-----	3,147,504	1,328,286	1,565,862	1,519,487	5,476	-----	1,510,542
1953-----	3,204,655	1,361,811	1,584,251	1,531,426	4,555	-----	1,525,491
1954-----	3,090,713	1,279,424	1,574,011	1,529,035	13,767	-----	1,514,656
<b>Cleveland:</b>							
1950-----	3,973,059	1,544,103	2,100,031	1,921,225	149	-----	1,921,075
1952-----	4,372,855	1,532,109	2,487,218	2,403,285	4,184	-----	2,399,101
1953-----	4,477,148	1,852,760	2,274,429	2,151,847	2,655	-----	2,149,192
1954-----	4,384,651	1,794,477	2,219,553	2,147,744	14,637	-----	2,133,107
<b>Richmond:</b>							
1950-----	2,749,618	1,003,926	1,454,354	1,339,632	575	-----	1,338,925
1952-----	3,131,707	1,063,080	1,693,783	1,630,124	5,704	-----	1,624,364
1953-----	3,047,043	1,141,866	1,561,493	1,503,348	1,950	-----	1,501,338
1954-----	3,097,319	1,230,946	1,536,210	1,473,425	7,550	-----	1,465,875
<b>Atlanta:</b>							
1950-----	2,364,713	930,341	1,196,180	1,110,117	25	-----	1,110,085
1952-----	2,684,065	936,251	1,435,952	1,393,840	2,584	-----	1,391,024
1953-----	2,666,650	971,076	1,351,451	1,296,309	995	-----	1,294,974
1954-----	2,630,075	958,509	1,321,350	1,273,322	5,733	-----	1,267,589
<b>Chicago:</b>							
1950-----	8,194,781	4,260,458	3,376,992	3,142,930	106	-----	3,142,824
1952-----	8,806,288	4,550,307	3,628,991	3,444,388	7,360	-----	3,437,028
1953-----	9,116,158	3,895,492	4,592,973	4,378,759	3,055	-----	4,375,704
1954-----	8,848,100	3,725,147	4,536,613	4,369,467	18,533	-----	4,350,934
<b>St. Louis:</b>							
1950-----	2,016,164	631,080	1,206,107	1,138,113	500	-----	1,137,613
1952-----	2,210,554	688,510	1,335,677	1,303,827	1,246	-----	1,302,581
1953-----	2,199,575	906,864	1,109,945	1,065,710	570	-----	1,065,140
1954-----	2,077,329	830,077	1,071,018	1,046,521	5,067	-----	1,041,454
<b>Minneapolis:</b>							
1950-----	1,158,603	387,581	671,849	641,379	-----	-----	641,194
1952-----	1,244,300	353,155	784,177	765,802	1,267	-----	764,400
1953-----	1,269,804	510,047	643,026	626,690	1,725	-----	624,866
1954-----	1,184,097	445,972	630,027	615,062	3,783	-----	611,183
<b>Kansas City:</b>							
1950-----	2,073,822	868,454	1,005,879	961,993	315	-----	961,678
1952-----	2,220,227	938,050	1,102,637	1,054,607	2,525	-----	1,052,082
1953-----	2,251,619	895,954	1,141,376	1,104,515	1,095	-----	1,103,420
1954-----	2,198,897	878,657	1,125,556	1,080,350	6,567	-----	1,073,783
<b>Dallas:</b>							
1950-----	1,807,252	648,078	988,699	940,787	-----	-----	940,787
1952-----	2,059,188	744,678	1,125,499	1,102,742	1,151	-----	1,101,591
1953-----	2,086,040	847,841	1,023,462	1,006,369	675	-----	1,005,694
1954-----	2,059,863	836,199	1,012,933	984,230	6,267	-----	977,963
<b>San Francisco:</b>							
1950-----	4,874,270	2,573,061	1,998,552	1,892,635	-----	-----	1,892,635
1952-----	5,639,478	2,985,058	2,299,835	2,215,679	7,744	-----	2,207,935
1953-----	5,697,425	2,498,172	2,837,943	2,762,300	2,015	-----	2,760,285
1954-----	5,600,405	2,462,269	2,801,380	2,734,844	13,600	-----	2,721,244

<sup>1</sup> Includes, in addition to total loans and securities, amounts due from foreign banks and Reserve bank float.<sup>2</sup> Includes municipal warrants, industrial loans, etc., not listed separately.Source: Board of Governors of the Federal Reserve System; *Banking and Monetary Statistics, Annual Report*, and *Federal Reserve Bulletin*. Figures published currently in *Federal Reserve Bulletin*.

## No. 500.—FEDERAL RESERVE BANKS—PRINCIPAL LIABILITIES: 1920 TO 1954

[In thousands of dollars. See also *Historical Statistics*, series N 120-123, for data on all Federal Reserve Banks]

FEDERAL RESERVE DISTRICT AND DATE (DEC. 31)	Capital	Surplus	DEPOSIT LIABILITY		Federal Reserve notes	Reserve percent- age <sup>1</sup>
			Total	Member bank reserves		
<b>All F. R. banks:</b>						
1920 (Dec. 29).....	99,821	202,036	1,861,498	1,780,679	3,336,281	43.3
1925.....	117,237	220,310	2,257,388	2,212,098	1,838,164	69.0
1930.....	169,640	274,636	2,517,133	2,470,583	1,663,538	73.7
1935.....	130,512	169,736	6,385,809	5,587,208	3,709,074	77.6
1940.....	138,579	183,849	16,126,567	14,025,633	5,930,997	90.8
1945.....	177,095	385,783	18,199,510	15,914,950	24,649,132	41.7
1950.....	225,102	537,565	19,809,553	17,680,744	23,587,018	49.4
1952.....	252,634	612,219	21,344,054	19,950,372	26,250,299	46.2
1953.....	265,266	652,556	21,422,414	20,160,435	26,558,372	44.5
1954.....	287,754	688,444	20,370,718	18,876,128	26,253,133	45.1
<b>Boston:</b>						
1950.....	12,223	35,257	925,056	783,608	1,423,788	36.0
1952.....	13,612	39,473	922,277	835,721	1,603,208	29.8
1953.....	14,443	41,790	891,073	848,626	1,632,903	43.2
1954.....	14,998	43,320	879,713	795,449	1,608,630	43.6
<b>New York:</b>						
1950.....	73,383	160,609	6,323,274	5,665,077	5,342,941	56.4
1952.....	80,139	174,822	6,748,339	6,184,727	5,796,489	48.7
1953.....	81,852	183,952	6,616,865	6,049,923	5,924,481	42.9
1954.....	89,949	195,389	6,047,886	5,482,319	5,950,858	45.9
<b>Philadelphia:</b>						
1950.....	15,675	44,199	956,671	822,286	1,665,849	45.0
1952.....	17,186	48,067	1,010,335	929,318	1,857,370	46.3
1953.....	18,017	50,398	1,029,392	959,879	1,896,948	46.5
1954.....	18,982	52,262	974,138	884,622	1,845,959	45.4
<b>Cleveland:</b>						
1950.....	22,001	49,020	1,500,498	1,323,910	2,112,367	42.7
1952.....	24,215	55,070	1,572,447	1,497,699	2,410,657	38.5
1953.....	25,410	58,654	1,624,300	1,533,769	2,463,795	45.3
1954.....	27,318	61,228	1,567,514	1,467,287	2,417,961	45.0
<b>Richmond:</b>						
1950.....	9,845	28,516	861,045	750,834	1,616,465	40.5
1952.....	11,013	32,597	912,174	849,025	1,887,063	38.0
1953.....	11,655	35,099	865,604	827,255	1,849,093	42.1
1954.....	12,618	36,829	904,768	829,940	1,864,245	44.5
<b>Atlanta:</b>						
1950.....	8,954	23,131	859,026	740,422	1,276,091	43.6
1952.....	10,408	26,565	957,876	895,538	1,445,056	39.0
1953.....	11,158	28,796	932,965	890,376	1,417,107	41.3
1954.....	12,203	30,242	929,493	866,804	1,387,728	41.4
<b>Chicago:</b>						
1950.....	28,698	76,774	3,031,776	2,797,828	4,559,960	56.1
1952.....	32,342	86,057	3,180,912	3,066,258	4,971,415	55.8
1953.....	35,001	92,221	3,354,645	3,250,620	5,111,406	46.0
1954.....	38,354	97,995	3,158,925	2,979,096	5,064,809	45.3
<b>St. Louis:</b>						
1950.....	7,398	20,816	740,075	651,163	1,097,441	34.3
1952.....	8,800	24,149	796,990	731,518	1,230,998	34.0
1953.....	9,150	25,986	809,040	764,061	1,214,921	44.8
1954.....	9,935	27,140	725,906	670,349	1,177,567	43.6
<b>Minneapolis:</b>						
1950.....	5,073	14,241	441,571	391,855	610,643	36.8
1952.....	5,719	16,204	482,080	437,867	650,889	31.2
1953.....	5,952	17,292	500,833	468,968	644,293	44.5
1954.....	6,360	17,991	485,232	443,527	583,511	41.7
<b>Kansas City:</b>						
1950.....	8,306	20,184	946,577	837,399	919,844	46.5
1952.....	9,477	23,062	1,010,279	957,907	1,022,199	46.2
1953.....	10,139	24,593	1,010,115	965,518	1,019,799	44.1
1954.....	10,912	25,892	966,905	912,171	1,028,614	44.0
<b>Dallas:</b>						
1950.....	9,610	18,159	990,138	891,215	639,322	39.8
1952.....	12,238	26,688	1,098,205	1,051,212	759,282	40.1
1953.....	13,279	29,453	1,114,081	1,050,684	743,749	45.6
1954.....	14,457	31,292	1,088,515	1,039,814	739,472	45.7
<b>San Francisco:</b>						
1950.....	23,936	46,659	2,233,846	2,025,147	2,322,307	56.5
1952.....	27,485	59,465	2,652,140	2,513,582	2,615,673	56.7
1953.....	29,210	64,322	2,673,496	2,550,756	2,639,877	47.0
1954.....	31,668	68,864	2,641,723	2,504,750	2,583,779	47.1

<sup>1</sup> Ratio of reserves (shown in table 499) to aggregate of total deposit and Federal Reserve note liabilities.Source: Board of Governors of the Federal Reserve System; *Banking and Monetary Statistics, Annual Report*, and *Federal Reserve Bulletin*. Figures published currently in *Federal Reserve Bulletin*.



# No. 501.—FEDERAL RESERVE BANKS—DISCOUNT RATES IN EFFECT JANUARY 1, 1942, AND CHANGES TO DECEMBER 31, 1954

[Percent per annum. For rates for 1914 to 1921, see *Statistical Abstract* 1928, table 249; for 1922 to 1932, *Statistical Abstract* 1933, table 232; for 1933 to 1936, *Statistical Abstract* 1942, table 268; for 1937 to 1941, *Statistical Abstract* 1953, table 461. For rates on industrial advances authorized by sec. 13b of Federal Reserve Act, which are not shown in this table, see source]

MONTH ESTABLISHED	Bos- ton	New York	Phila- del- phia	Cleve- land	Rich- mond	At- lanta	Chi- cago	St. Louis	Min- neap- olis	Kan- sas City	Dallas	San Fran- cisco
DISCOUNTS FOR AND ADVANCES TO MEMBER BANKS UNDER SECS. 13 AND 13(a) OF FEDERAL RESERVE ACT <sup>1</sup>												
In effect Jan. 1, 1942.	1	1	1½	1½	1½	2 1½	2 1½	2 1½	1½	2 1½	2 1½	1½
1942—February							1				1	
March			1		1	1		1	1			
April				1						1		1
October	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1948—January	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼
August	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
1950—August	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾
1953—January	2	2	2	2	2	2	2	2	2	2	2	2
1954—February	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾
April	1½	1½		1½			1½	1½	1½	1½	1½	1½
May			1½		1½	1½						
In effect Dec. 31, 1954	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
ADVANCES TO MEMBER BANKS UNDER SEC. 10(b) OF FEDERAL RESERVE ACT <sup>4</sup>												
In effect Jan. 1, 1942.	2	2	2	2	2	2	2	2	2	2	2	2
1942—March							1½	1½				
August				1½								
September												
October	1½	1½	1½		1½	1½			1½	1½	1½	1½
1948—January	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾
August	2	2	2	2	2	2	2	2	2	2	2	2
1950—August	2¼	2¼	2¼	2¼	2¼	2¼	2¼	2¼	2¼	2¼	2¼	2¼
1953—January	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
1954—February	2¼	2¼	2¼	2¼	2¼	2¼	2¼	2¼	2¼	2¼	2¼	2¼
April	2	2		2	2	2		2	2		2	2
May			2									
September							2					
In effect Dec. 31, 1954	2	2	2	2	2	2	2	2	2	2¼	2	2
ADVANCES TO INDIVIDUALS, PARTNERSHIPS, AND CORPORATIONS (EXCEPT MEMBER BANKS), SECURED BY DIRECT OBLIGATIONS OF U. S. (last par. sec. 13 of Federal Reserve Act)												
In effect Jan. 1, 1942:												
To banks	1	1	1½	5 1½	1½	1	1	1	1½	1	1	1½
To others	2½	3½	2½	5 3½	4	2½	4	4	3	2½	2½	4
1942: To banks—												
March			1		1				1			
April				1								1
To others—												
March								3				
October	2	2½	2	2	2½	2	2	2	2½	2	2	2½
1946—March	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	6 2	(6)	(6)	(6)
April												
1948—January	2½					2½	2½	2½	2½	2½		
February											2½	
August			2½	2½			2¾		2¾			
1950—August				2¾		2¾						
1953—January	3	3	2¾		3	3		3	3	2¾	3	3
May												
July						3½						
August				3								
1954—February	2¾					3¼						
In effect Dec. 31, 1954	2¾	3	2¾	3	3	3¼	2¾	3	3	2¾	3	3

<sup>1</sup> Rediscounts of notes, drafts, and bills eligible for discount under Federal Reserve Act, and advances secured by such paper, by direct obligations of U. S., by certain obligations guaranteed as to principal and interest by U. S., and by obligations of Federal intermediate credit banks maturing within 6 months.

<sup>2</sup> 1 percent on advances secured by Government obligations.

<sup>3</sup> ½ percent on advances secured by Government obligations maturing or callable in 1 year or less. This preferential rate eliminated in April and May 1946.

<sup>4</sup> Advances secured to satisfaction of Federal Reserve Bank.

<sup>5</sup> Rate of 2½ percent to other lenders (than banks) in effect until Apr. 11, 1942.

<sup>6</sup> Separate rate to banks eliminated.

Source: Board of Governors of the Federal Reserve System; *Banking and Monetary Statistics, Annual Report*, and *Federal Reserve Bulletin*. Figures published currently in *Federal Reserve Bulletin*.

# No. 502.—FEDERAL RESERVE SYSTEM, MEMBER BANK RESERVE REQUIREMENTS: 1917 to 1955

[Percent of deposits. See also *Historical Statistics*, series N 131-134]

EFFECTIVE DATE OF CHANGE	NET DEMAND DEPOSITS <sup>1</sup>			Time deposits (all member banks)	EFFECTIVE DATE OF CHANGE	NET DEMAND DEPOSITS <sup>1</sup>			Time deposits (all member banks)
	Central reserve city banks	Reserve city banks	Country banks			Central reserve city banks	Reserve city banks	Country banks	
June 21, 1917	13	10	7	3	Aug. 1, 1949			13	
Aug. 16, 1936	19½	15	10½	4½	Aug. 11, 1949	23½	19½		5
Mar. 1, 1937	22¾	17½	12¼	5¼	Aug. 16, 1949			12	5
May 1, 1937	26	20	14	6	Aug. 18, 1949	23	19		
Apr. 16, 1938	22¾	17½	12	5	Aug. 25, 1949	22½	18½		
Nov. 1, 1941	26	20	14	6	Sept. 1, 1949	22	18		
Aug. 20, 1942	24				Jan. 11, 1951	23	19		6
Sept. 14, 1942	22				Jan. 16, 1951			13	6
Oct. 3, 1942	20				Jan. 25, 1951	24	20		
Feb. 27, 1948	22				Feb. 1, 1951			14	
June 11, 1948	24				July 1, 1953			13	
Sept. 16, 1948			16	7½	July 9, 1953	22	19		
Sept. 24, 1948	26	22		7½	June 16, 1954				5
May 1, 1949			15	7	June 24, 1954	21			5
May 5, 1949	24	21		7	July 29, 1954	20	18		
June 30, 1949		20		6	Aug. 1, 1954			12	
July 1, 1949			14	6	In effect Mar. 1, 1955	20	18	12	5

<sup>1</sup> Demand deposits subject to reserve requirements, i. e., total demand deposits minus cash items in process of collection and demand balances due from domestic banks (also minus war loan and series E bond accounts during period Apr. 13, 1943-June 30, 1947, and all U. S. Government demand accounts Apr. 24, 1917-Aug. 22, 1935).

<sup>2</sup> Requirement became effective at country banks.

<sup>3</sup> Requirement became effective at central reserve and reserve city banks.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

# No. 503.—NATIONAL BANKS—ASSETS AND LIABILITIES: 1952 AND 1953

[Money figures in thousands of dollars. Includes banks in Alaska, Hawaii, and Virgin Islands]

ITEM	1952 (Dec. 31)	1953 (Dec. 31)				
		All banks	Central reserve cities	Other reserve cities	Country banks	Non-member banks <sup>1</sup>
Number of banks	4,916	4,864	15	208	4,633	8
Assets, total	108,132,743	110,116,699	19,103,856	47,361,844	43,338,214	312,785
Loans and securities, total	80,411,958	82,154,379	13,997,028	34,673,210	33,242,700	241,441
Loans and discounts, including overdrafts	36,119,673	37,944,146	7,172,139	17,005,416	13,653,568	113,023
U. S. Gov't securities, direct obligations	35,921,239	35,563,334	5,128,114	14,300,891	16,027,403	106,926
Obligations guaranteed by U. S. Gov't <sup>2</sup>	15,203	25,429	1,077	22,325	2,027	
Obligations of States and political subdivisions	5,982,753	6,330,265	1,122,893	2,460,707	2,734,319	12,346
Other bonds, notes, and debentures	2,176,230	2,086,723	521,199	798,150	758,329	9,045
Corporate stocks, including stocks of Federal Reserve banks	196,860	204,482	51,606	85,721	67,054	101
Cash in vault	1,446,134	1,292,254	71,677	398,264	806,229	16,084
Reserve with Federal Reserve banks	12,956,212	13,130,530	2,969,637	6,028,338	4,096,123	36,432
Balances with other banks and cash items	11,997,057	12,122,734	1,815,453	5,595,605	4,697,532	14,144
Other assets	1,321,382	1,416,802	250,061	666,427	495,630	4,684
Liabilities and capital accounts, total	108,132,743	110,116,699	19,103,856	47,361,844	43,338,214	312,785
Deposits, total	99,257,776	100,947,233	16,909,558	43,667,846	40,077,602	292,787
Demand deposits of individuals, partnerships, and corporations	56,682,902	56,614,391	10,368,636	23,535,983	22,598,701	111,071
Time deposits of individuals, partnerships, and corporations	21,517,160	22,863,011	1,836,168	9,443,185	11,479,246	104,412
Deposits of U. S. Gov't and postal savings	3,251,638	2,830,669	565,705	1,226,089	1,001,615	37,260
Deposits of States and polit. subdivisions	6,271,676	6,793,634	388,357	3,006,980	3,366,000	32,297
Deposits of banks	9,920,522	10,155,942	3,288,670	5,795,658	1,067,313	4,301
Other deposits (certified and cashiers' checks, etc.)	1,613,878	1,089,586	462,022	659,391	564,727	3,446
Other liabilities	1,815,746	1,759,950	736,479	723,757	298,466	1,248
Capital stock	2,224,852	2,301,757	492,737	903,270	900,172	5,578
Surplus	3,334,218	3,523,443	731,118	1,472,364	1,312,241	7,720
Undivided profits	1,225,731	1,310,761	197,239	510,761	599,884	2,877
Reserves and retirement account for preferred stock	274,420	273,555	36,725	84,406	149,849	2,575

<sup>1</sup> National banks in Alaska, Hawaii, and Virgin Islands.

<sup>2</sup> Federal Housing Administration debentures. <sup>3</sup> Reserve with approved national banking associations.

Source: Treasury Department, Comptroller of the Currency; *Abstract of Reports of Condition of National Banks*.



# No. 504.—NATIONAL BANKS—SUMMARY OF ASSETS AND LIABILITIES, BY STATES AND OTHER AREAS: DEC. 31, 1953

[Money figures in thousands of dollars]

REGION, STATE, OR OTHER AREA	Number of banks	Total assets or liabilities	SELECTED ASSETS			SELECTED LIABILITIES			
			Loans and dis- counts, includ- ing over- drafts	U. S. Govern- ment and other securities	Cash and balances with other banks <sup>1</sup>	Capital, surplus, undiv- ided profits, and reserve	Deposits		
							Total	Demand	Time (incl. postal savings)
<b>Total</b> .....	4,864	110,116,699	37,944,146	44,210,233	26,545,518	7,409,516	100,947,233	76,189,784	24,757,449
<b>New England</b> .....	283	5,486,591	2,018,214	2,123,510	1,253,428	454,291	4,940,275	4,045,627	894,648
Maine.....	32	271,672	106,582	107,037	55,185	26,302	243,185	155,184	88,001
New Hampshire.....	51	241,615	90,105	89,190	59,634	23,662	216,831	171,856	44,975
Vermont.....	37	165,717	64,408	67,589	31,605	16,320	147,675	71,977	75,698
Massachusetts.....	114	3,542,049	1,347,484	1,298,354	829,120	303,959	3,164,468	2,735,359	429,109
Rhode Island.....	5	200,082	82,774	76,415	36,709	14,512	183,022	120,707	62,315
Connecticut.....	44	1,065,456	326,861	484,925	241,175	69,536	985,094	790,544	194,550
<b>Eastern</b> .....	1,210	28,335,342	10,430,255	11,089,743	6,402,637	2,323,913	25,208,616	19,112,409	6,096,207
New York.....	354	15,533,508	6,155,216	5,439,935	3,681,410	1,232,160	13,590,823	11,122,695	2,468,128
New Jersey.....	197	3,169,004	1,033,782	1,511,081	582,154	205,203	2,939,868	1,751,246	1,188,562
Pennsylvania.....	581	7,904,794	2,730,762	3,394,941	1,685,287	774,536	7,071,637	4,937,716	2,133,921
Delaware.....	11	38,985	13,824	17,234	7,280	5,079	33,873	20,912	12,961
Maryland.....	58	857,573	251,520	374,558	223,227	60,331	793,119	623,251	169,868
Dist. of Columbia.....	9	831,478	245,151	351,994	223,279	46,604	779,356	656,589	122,767
<b>Southern</b> .....	1,191	20,426,068	6,597,900	7,508,452	6,015,660	1,285,598	18,963,085	15,897,220	3,065,865
Virginia.....	133	1,484,312	513,912	607,932	343,428	107,101	1,364,635	935,153	429,482
West Virginia.....	74	618,718	175,868	289,922	146,790	48,947	567,038	417,514	149,524
North Carolina.....	46	627,671	214,848	231,951	172,482	44,984	576,788	463,189	113,599
South Carolina.....	25	563,896	161,720	236,956	159,473	30,472	528,666	464,820	63,846
Georgia.....	52	1,267,144	469,048	415,354	365,422	78,423	1,175,847	1,007,750	168,097
Florida.....	66	1,826,506	453,192	827,295	520,191	109,294	1,702,062	1,432,408	269,654
Alabama.....	71	1,202,728	365,523	516,089	307,902	80,036	1,111,220	888,822	222,398
Mississippi.....	25	276,264	79,784	112,765	80,940	17,137	257,859	209,859	48,000
Louisiana.....	39	1,598,550	430,981	689,203	454,233	84,123	1,497,887	1,291,359	206,528
Texas.....	443	7,751,667	2,645,607	2,385,944	2,579,281	476,481	7,211,162	6,387,041	824,121
Arkansas.....	53	534,657	158,731	222,707	149,403	37,638	494,026	420,044	73,982
Kentucky.....	90	789,955	238,067	333,475	211,028	54,967	729,894	604,361	125,533
Tennessee.....	74	1,884,000	690,619	638,859	525,087	115,995	1,746,001	1,374,900	371,101
<b>Middle Western</b> .....	1,268	29,973,028	9,010,386	13,529,634	7,182,736	1,825,359	27,899,861	20,990,474	6,909,387
Ohio.....	235	4,814,268	1,509,307	2,160,975	1,091,916	304,609	4,468,989	3,236,761	1,232,228
Indiana.....	124	2,372,601	629,736	1,136,513	584,599	137,645	2,217,481	1,658,048	559,433
Illinois.....	387	11,496,307	3,426,296	5,268,314	2,730,605	728,343	10,677,036	8,213,219	2,463,817
Michigan.....	77	3,895,617	1,118,509	1,880,352	860,193	201,915	3,650,894	2,517,812	1,133,082
Wisconsin.....	95	1,769,146	517,336	830,326	404,038	104,609	1,656,597	1,127,435	529,162
Minnesota.....	177	2,515,603	863,913	998,006	630,280	161,005	2,323,238	1,772,744	550,494
Iowa.....	96	921,335	255,344	418,648	239,760	58,969	859,182	685,382	173,800
Missouri.....	77	2,188,151	689,945	836,500	641,345	128,264	2,046,444	1,779,073	267,371
<b>Western</b> .....	735	6,844,462	1,997,887	2,900,256	1,887,097	417,741	6,387,309	5,417,218	970,091
North Dakota.....	39	289,268	100,905	130,465	55,226	16,532	270,180	195,449	74,731
South Dakota.....	35	312,000	113,900	128,808	65,680	17,296	291,667	222,846	68,821
Nebraska.....	124	1,185,047	330,771	522,252	323,894	72,629	1,107,748	989,178	118,570
Kansas.....	172	1,165,633	312,176	524,259	321,234	69,368	1,091,586	964,802	126,784
Montana.....	38	348,659	95,324	162,338	86,996	15,586	329,208	268,883	60,325
Wyoming.....	25	240,831	65,471	112,886	60,739	13,065	226,563	176,219	50,344
Colorado.....	77	1,104,475	339,278	466,823	291,710	67,795	1,030,069	793,250	236,819
New Mexico.....	26	355,041	101,574	138,213	110,972	18,585	334,999	280,178	54,821
Oklahoma.....	199	1,843,508	538,488	714,212	570,646	126,885	1,705,289	1,526,413	178,876
<b>Pacific</b> .....	169	18,738,423	7,776,481	6,930,220	3,737,300	1,083,864	17,255,300	10,563,161	6,692,139
Washington.....	33	2,066,080	838,911	755,562	443,143	129,510	1,916,358	1,399,408	516,950
Oregon.....	18	1,521,707	584,398	597,312	317,045	103,058	1,397,733	930,359	467,374
California.....	90	13,712,380	5,804,800	4,904,878	2,690,693	774,502	12,596,793	7,244,059	5,352,734
Idaho.....	11	411,529	166,057	166,091	75,478	20,364	389,012	272,967	116,045
Utah.....	9	330,852	117,166	134,647	76,135	17,417	309,599	237,460	72,139
Nevada.....	5	207,901	70,889	97,339	36,578	11,197	193,942	129,634	64,308
Arizona.....	3	487,974	194,260	184,391	98,228	27,816	451,863	349,274	102,589
Alaska.....	6	100,746	22,869	53,886	22,603	4,301	96,180	58,794	37,386
Hawaii.....	1	204,945	88,143	70,768	42,819	14,051	189,986	101,280	88,706
Virgin Islands.....	1	7,094	2,011	3,764	1,238	398	6,621	3,601	3,020

<sup>1</sup> Includes reserves with Federal Reserve banks and cash items in process of collection.Source: Treasury Department, Comptroller of the Currency; *Annual Report and Abstract of Reports of Condition of National Banks.*

## No. 505.—NATIONAL BANKS—NUMBER, CAPITAL STOCK, CAPITAL FUNDS, EARNINGS, AND EXPENSES: 1929 TO 1953

[Money figures in thousands of dollars. Figures for previous years published in Comptroller of Currency annual report for 1938, p. 115. Includes banks in Alaska, Hawaii, and Virgin Islands. See also *Historical Statistics*, series N 60-67]

YEAR ENDING DEC. 31	Num- ber of banks	CAPITAL STOCK (PAR VALUE) <sup>1</sup>			Capital funds <sup>1</sup>	Gross earnings	Expenses <sup>2</sup>	Net current earnings	Net losses including deprecia- tion or net re- coveries (+) <sup>3</sup>	NET PROFITS BEFORE DIVIDENDS			DIVIDENDS			
		Total	Preferred	Common						Total	Ratio to cap- ital stock accounts	Ratio to cap- ital stock	On pre- ferred stock	On common stock		
															Cash	Stock
1929.....	7,408	1,650,574	-----	1,650,574	3,754,398	1,406,544	988,403	418,141	-126,197	291,944	17.69	7.78	-----	226,662	21,235	
1930.....	7,038	1,724,028	-----	1,724,028	3,919,950	1,325,404	989,842	335,562	-177,151	158,411	9.19	4.04	-----	211,272	5,015	
1931.....	6,373	1,680,780	-----	1,680,780	3,753,412	1,153,145	850,042	303,103	-357,653	454,550	4.25	1.45	-----	193,196	827	
1932.....	6,016	1,597,037	-----	1,597,037	3,323,536	1,000,226	750,210	250,016	-414,753	416,737	4.02	4.96	-----	135,381	-----	
1933.....	5,159	1,600,303	92,469	1,507,834	2,981,678	801,525	565,133	236,392	-522,508	428,116	4.78	9.60	558	71,106	560	
1934.....	5,467	1,709,043	349,470	1,359,573	2,982,008	808,776	557,667	251,109	-404,560	453,451	4.88	5.15	10,103	80,915	1,207	
1935.....	5,392	1,791,324	510,511	1,280,813	3,084,092	794,166	549,148	245,008	-86,517	158,491	8.85	5.14	18,862	94,377	4,409	
1936.....	5,331	1,706,528	447,501	1,259,027	3,143,029	824,933	565,013	259,920	+53,906	313,826	18.39	9.98	18,166	101,850	16,019	
1937.....	5,266	1,591,788	305,842	1,285,946	3,206,194	859,094	586,221	272,873	-44,852	228,021	14.32	7.11	11,532	110,231	26,572	
1938.....	5,230	1,577,738	267,495	1,310,243	3,251,819	837,857	577,272	260,585	-61,936	198,649	12.59	6.05	9,378	113,347	19,795	
1939.....	5,193	1,561,521	241,075	1,320,446	3,380,749	848,419	581,264	267,155	-15,579	251,576	16.11	7.44	8,911	122,267	8,309	
1940.....	5,150	1,532,315	204,244	1,328,071	3,463,862	864,749	599,444	265,305	-23,840	241,465	15.76	6.97	8,175	125,174	12,009	
1941.....	5,123	1,523,454	182,056	1,341,398	3,596,865	925,663	641,648	284,015	-14,720	269,295	17.68	7.49	7,816	124,805	14,965	
1942.....	5,087	1,511,123	156,739	1,354,384	3,684,882	962,837	695,034	267,803	-24,460	243,343	16.10	6.60	6,683	121,177	8,944	
1943.....	5,046	1,508,170	135,713	1,372,457	3,860,443	1,061,763	746,434	315,329	+35,128	350,457	23.24	9.08	6,158	125,357	41,378	
1944.....	5,031	1,551,116	110,597	1,440,519	4,114,972	1,206,263	846,084	360,179	+51,665	411,844	26.55	10.01	5,296	139,012	33,900	
1945.....	5,023	1,616,884	80,672	1,536,212	4,467,718	1,349,222	987,254	361,968	+128,165	490,133	30.31	10.97	4,131	151,525	77,308	
1946.....	5,013	1,699,833	53,202	1,646,631	4,893,038	1,573,514	1,137,564	435,950	+58,948	494,898	29.11	10.11	2,427	167,702	28,165	
1947.....	5,011	1,769,205	32,529	1,736,676	5,293,267	1,724,834	1,263,497	461,337	-8,354	452,983	25.60	8.56	1,372	182,147	23,450	
1948.....	4,997	1,804,490	25,128	1,779,362	5,545,993	1,900,471	1,360,750	539,721	-115,964	423,757	23.48	7.64	1,304	192,603	36,691	
1949.....	4,981	1,884,352	20,979	1,863,373	5,811,044	2,004,806	1,442,306	562,500	-87,619	474,881	25.20	8.17	1,100	203,644	86,984	
1950.....	4,965	1,965,977	16,079	1,949,898	6,152,799	2,192,713	1,592,558	600,155	-62,545	537,610	27.35	8.74	712	228,792	47,069	
1951.....	4,946	2,038,050	12,032	2,046,018	6,506,378	2,454,358	1,812,290	642,059	-135,364	506,995	24.62	7.79	615	247,230	56,807	
1952.....	4,916	2,177,888	6,862	2,171,026	6,875,134	2,750,567	2,066,905	683,662	-122,181	561,481	25.78	8.17	400	258,663	77,526	
1953.....	4,864	2,263,746	5,512	2,258,234	7,235,820	3,067,836	2,310,115	757,821	-184,534	573,287	25.32	7.92	332	274,884	50,403	

<sup>1</sup> Averages of amounts from reports of condition made in each year.

<sup>2</sup> Including income tax.

<sup>3</sup> Difference between "recoveries and profits" and "losses and charge-offs."

<sup>4</sup> Deficit.

<sup>5</sup> Licensed banks, i. e., those operating on an unrestricted basis.

Source: Treasury Department, Comptroller of the Currency, *Annual Report*.



## No. 506.—NATIONAL BANKS—LOANS AND SECURITIES, BY CLASS: 1940 TO 1953

[In millions of dollars. As of December 31]

CLASS	1940	1945	1950	1951	1952	1953
<b>Loans and discounts, total</b> <sup>1</sup> -----	<b>10,027.8</b>	<b>13,948.0</b>	<b>29,277.5</b>	<b>32,423.8</b>	<b>36,119.7</b>	<b>37,944.1</b>
Commercial and industrial loans, including open-market paper-----	4,318.4	5,681.8	13,401.9	15,689.3	16,895.5	16,468.5
Agricultural loans-----	729.0	707.2	1,425.5	1,690.2	1,886.6	2,502.8
Loans to brokers and dealers in securities-----	274.1	1,424.4	725.5	704.7	924.0	1,044.3
Other loans for the purpose of purchasing or carrying stocks, bonds, and other securities-----	369.4	1,994.1	523.9	501.5	574.4	614.4
Real estate loans:						
On farm land (including improvements)-----	234.1	193.2	370.9	384.8	402.9	409.3
On residential property (other than farm)-----	1,371.6	1,623.6	5,461.1	5,908.2	6,516.8	6,931.9
On other properties-----	491.5	389.7	1,146.2	1,248.1	1,344.9	1,445.5
Loans to banks-----	22.7	26.5	39.8	65.3	84.5	72.5
All other loans, including overdrafts-----	2,217.1	1,907.6	6,570.8	6,702.2	8,008.3	9,009.4
<i>Less valuation reserves</i> -----			388.1	470.3	518.3	554.6
<b>Securities, total</b> -----	<b>13,668.0</b>	<b>55,611.6</b>	<b>43,022.6</b>	<b>43,043.6</b>	<b>44,292.3</b>	<b>44,210.2</b>
U. S. Government direct obligations-----	7,658.5	51,460.0	35,687.9	35,146.7	35,921.2	35,563.3
Obligations guaranteed by U. S.-----	2,094.1	7.7	3.6	9.7	15.2	25.4
Obligations of States and political subdivisions-----	2,008.5	2,341.7	4,687.0	5,333.2	5,982.8	6,330.3
Other bonds, notes, and debentures-----	1,694.1	1,656.9	2,468.4	2,373.1	2,176.2	2,086.7
Corporate stocks-----	212.9	145.3	175.6	180.9	196.9	204.5

<sup>1</sup> Includes overdrafts.<sup>2</sup> Net loans. Figures for various loan items are reported gross, i. e., before deduction of valuation reserves, and are not entirely comparable with prior years.Source: Treasury Department, Comptroller of the Currency; *Annual Report and Abstract of Reports of Condition of National Banks*.

## No. 507.—NATIONAL BANKS—FIDUCIARY ACTIVITIES: 1940 TO 1953

[Money figures in millions of dollars]

ITEM	1940 (June 30)	1945 (Dec. 31)	1950 (Dec. 31)	1951 (Dec. 31)	1952 (Dec. 31)	1953 (Dec. 31)
<b>Banks authorized to exercise fiduciary powers:</b>						
Number, total-----	1,877	1,788	1,774	1,773	1,781	1,767
Number exercising powers-----	1,540	1,504	1,518	1,512	1,513	1,513
Number with authority but not exercising powers-----	337	284	256	261	268	254
Assets, total-----	32,307.2	76,015.8	81,969.8	86,081.9	91,749.6	93,431.9
<b>Trusts, individual, total number</b> -----	<b>137,629</b>	<b>153,833</b>	<b>191,874</b>	<b>249,760</b>	<b>256,850</b>	<b>271,704</b>
Living trusts <sup>1</sup> -----	71,062	81,727	107,139	84,440	92,107	100,246
Court accounts-----	66,567	72,106	84,735	87,149	92,018	93,985
Agencies, escrows, custodianships, etc. <sup>1</sup> -----				78,171	72,725	77,473
<b>Trusts assets, individual, total value</b> -----	<b>9,345.4</b>	<b>15,764.8</b>	<b>34,597.2</b>	<b>36,136.6</b>	<b>39,666.0</b>	<b>43,150.2</b>
Investments, total-----	7,492.5	12,031.8	18,399.0	19,987.9	22,199.9	24,241.1
Bonds-----	3,790.8	8,082.4	11,984.4	12,906.8	14,517.2	15,792.3
Stocks-----	2,310.1	2,823.1	4,214.8	4,666.9	5,267.4	5,666.8
Real-estate mortgages-----	518.6	336.5	752.8	826.1	809.7	996.0
Real estate-----	552.5	465.1	608.0	675.4	736.3	801.0
Miscellaneous-----	320.5	324.7	838.9	912.7	869.3	985.1
Time deposits-----	105.2	95.3	291.1	401.4	421.4	418.1
Demand deposits-----	421.5	653.9	756.9	815.6	823.1	894.1
Other assets-----	1,326.2	2,983.8	15,150.2	14,931.6	16,221.5	17,596.9
<b>Trusts, corporate, number</b> -----	<b>16,273</b>	<b>18,507</b>	<b>25,396</b>	<b>17,387</b>	<b>34,143</b>	<b>37,846</b>
<b>Bond issues outstanding, bank acting as trustee</b> -----	<b>9,317.7</b>	<b>8,195.1</b>	<b>16,049.8</b>	<b>14,550.6</b>	<b>16,052.0</b>	<b>17,625.8</b>
<b>Gross earnings of trust departments</b> -----	<b>31.7</b>	<b>40.8</b>	<b>70.0</b>	<b>75.1</b>	<b>80.6</b>	<b>86.0</b>

<sup>1</sup> Agency, etc., trusts included with living trusts prior to 1951.Source: Treasury Department, Comptroller of the Currency; *Annual Report*.

No. 508.—BANK SUSPENSIONS—NUMBER OF BANKS AND AMOUNT OF DEPOSITS:  
1864 TO 1954

[Banks closed either permanently or temporarily, on account of financial difficulties, by order of supervisory authorities or by directors of bank. "Member" refers to membership in Federal Reserve System. All national banks in continental U. S. are Federal Reserve System members; all Federal Reserve System members are insured. See also, *Historical Statistics*, series N 135-147]

PERIOD	NUMBER OF BANKS				PERIOD	NUMBER OF BANKS			
	Total	National	State	Private		Total	National	State	Private
1864-1870.....	44	15	29	-----	1892-1900.....	1,174	226	521	427
1871-1880.....	365	61	304	-----	1901-1910.....	808	119	397	292
1881-1891.....	346	67	279	-----	1911-1920.....	944	83	675	186

YEAR OR PERIOD	NUMBER OF BANKS					DEPOSITS (\$1,000)				
	Total	National	State member	State and private nonmember		Total	National	State member	State and private nonmember	
				Noninsured	In-sured <sup>1</sup>				Noninsured	In-sured <sup>1</sup>
1921-1929.....	5,714	766	229	4,719	-----	1,625,468	363,324	128,677	1,133,467	-----
1930.....	1,352	161	27	1,164	-----	853,363	170,446	202,399	480,518	-----
1931.....	2,294	409	107	1,778	-----	1,690,669	439,171	293,957	957,541	-----
1932.....	1,456	276	55	1,125	-----	715,626	214,150	55,153	446,323	-----
1933.....	4,004	1,101	174	2,729	-----	3,598,975	1,610,549	783,399	1,205,027	-----
1930-1933.....	9,106	1,947	363	6,796	-----	6,858,633	2,434,316	1,334,908	3,089,409	-----
1934-1940.....	313	16	6	84	207	131,934	14,872	26,548	40,825	49,689
1941-1946.....	22	6	-----	4	12	12,056	8,126	-----	406	3,524
1947.....	0	-----	-----	1	-----	167	-----	-----	167	-----
1948.....	1	-----	-----	-----	-----	0	-----	-----	-----	-----
1949.....	4	-----	-----	4	-----	2,443	-----	-----	2,443	-----
1950.....	1	-----	-----	1	-----	42	-----	-----	42	-----
1951.....	3	-----	-----	3	-----	3,113	-----	-----	3,113	-----
1952.....	3	-----	-----	1	2	1,414	-----	-----	135	1,279
1953.....	4	-----	1	1	2	44,412	-----	19,478	(?)	24,934
1954.....	3	-----	-----	2	1	2,880	-----	-----	1,950	930

<sup>1</sup> Deposit insurance by Federal Deposit Insurance Corporation; became operative Jan. 1, 1934.

<sup>2</sup> Not available.

Source: 1864-1891, U. S. Treasury, Comptroller of Currency; 1931 *Annual Report*. Later data, Board of Governors of the Federal Reserve System.

No. 509.—DEPOSIT INSURANCE—NUMBER OF OPERATING BANKS AND BRANCHES BY  
INSURANCE STATUS AND CLASS OF BANK: 1954

[As of December 31. "Other areas" comprises Alaska, Hawaii, Puerto Rico, Virgin Islands, American Samoa, Mariana Islands, and the Panama Canal Zone]

TYPE OF BANK OR OFFICE	All banks	COMMERCIAL AND STOCK SAVINGS BANKS AND NONDEPOSIT TRUST COMPANIES						MUTUAL SAVINGS BANKS	
		Total	Insured			Noninsured		In- sured	Non- insured
			Members F. R. system		Not mem- bers F. R. sys- tem	Banks of de- posit	Non- deposit trust com- panies		
			National	State					
<b>Total</b> .....	21,160	20,324	7,845	3,598	8,226	591	64	439	397
All banks.....	14,409	13,881	4,789	1,867	6,667	497	61	218	310
Unit banks.....	12,600	12,221	4,227	1,588	5,877	470	59	126	253
Banks operating branches.....	1,809	1,660	562	279	790	27	2	92	57
Branches.....	6,751	6,443	3,056	1,731	1,559	94	3	221	87
<b>Continental United States</b> .....	20,982	20,147	7,844	3,598	8,132	514	59	439	396
All banks.....	14,366	13,839	4,788	1,867	6,647	481	56	218	309
Unit banks.....	12,576	12,198	4,226	1,588	5,871	459	54	126	252
Banks operating branches.....	1,790	1,641	562	279	776	22	2	92	57
Branches.....	6,616	6,308	3,056	1,731	1,485	33	3	221	87
<b>Other areas</b> .....	178	177	1	-----	94	77	5	-----	1
All banks.....	43	42	1	-----	20	16	5	-----	1
Unit banks.....	24	23	1	-----	6	11	5	-----	1
Banks operating branches.....	19	19	-----	-----	14	5	-----	-----	-----
Branches.....	135	135	-----	-----	74	61	-----	-----	-----

Source: Federal Deposit Insurance Corporation; *Annual Report*.



# No. 510.—CHANGES IN NUMBER AND CLASSIFICATION OF OPERATING BANKING OFFICES, BY INSURANCE STATUS: 1948 TO 1954

[Data cover continental United States, Alaska, Hawaii, Puerto Rico, the Virgin Islands, American Samoa, Mariana Islands, and the Panama Canal Zone]

TYPE OF CHANGE	1948	1949 *	1950	1951	1952	1953	1954
<b>Banking offices, total</b> .....	19,366	19,600	19,851	20,155	20,450	20,779	21,160
Number of banks.....	14,753	14,736	14,693	14,661	14,617	14,552	14,409
Number of branches.....	4,613	4,864	5,158	5,494	5,833	6,227	6,751
Net change during year.....	+191	+234	+251	+304	+295	+329	+381
Offices opened.....	305	344	381	425	433	488	634
Banks.....	80	80	69	65	71	65	73
Branches.....	225	264	312	360	362	423	561
Offices closed.....	114	110	130	121	138	159	253
Banks.....	94	97	106	97	115	130	216
Branches.....	20	13	24	24	23	29	37
<b>INSURED</b>							
<b>Banking offices, total</b> .....	18,027	18,299	18,624	18,979	19,308	19,698	20,108
Number of banks.....	13,612	13,628	13,640	13,657	13,645	13,651	13,541
Number of branches.....	4,415	4,671	4,984	5,322	5,663	6,047	6,567
Net change during year.....	+210	+272	+325	+355	+329	+390	+410
Offices opened.....	273	308	359	398	411	466	616
Banks.....	62	61	59	53	62	59	66
Branches.....	211	247	300	345	349	407	550
Offices closed.....	100	92	118	99	122	140	243
Banks.....	80	83	95	76	102	112	206
Branches.....	20	9	23	23	20	28	37
Changes in classification <sup>1</sup> .....	+37	+56	+84	+56	+40	+64	+37
<b>NONINSURED</b>							
<b>Banking offices, total</b> .....	1,339	1,301	1,227	1,176	1,142	1,081	1,052
Number of banks.....	1,141	1,108	1,053	1,004	972	901	868
Number of branches.....	198	193	174	172	170	180	184
Net change during year.....	-19	-38	-74	-51	-34	-61	-29
Offices opened.....	32	36	22	27	22	22	18
Banks.....	18	19	10	12	9	6	7
Branches.....	14	17	12	15	13	16	11
Offices closed.....	14	18	12	22	16	19	10
Banks.....	14	14	11	21	13	18	10
Branches.....	4	4	1	1	3	1	—
Changes in classification <sup>1</sup> .....	-37	-56	-84	-56	-40	-64	-37

<sup>1</sup> Net change in number of insured and noninsured banking offices, respectively, resulting from admissions of noninsured banks to insurance and from absorptions or successions of noninsured banks by insured banks and of insured banks by noninsured banks.

# No. 511.—INSURED COMMERCIAL BANKS—ASSETS AND LIABILITIES: 1948 TO 1954

[Money figures in millions of dollars. As of December 31. Data cover continental United States, Alaska, Hawaii, Puerto Rico, the Virgin Islands, American Samoa, Mariana Islands, and the Panama Canal Zone]

ITEM	1948	1949	1950 <sup>1</sup>	1951	1952	1953	1954
Number of banks.....	13,419	13,436	13,446	13,455	13,439	13,432	13,323
<b>Assets, total</b> .....	152,163	155,319	166,792	177,449	186,682	191,063	200,588
Cash, balances with other banks, and cash items in process of collection.....	38,097	35,222	39,865	44,242	44,299	44,478	43,235
Securities, total.....	70,339	75,824	73,198	73,673	76,280	76,852	84,142
U. S. Government obligations, direct and guaranteed.....	61,407	65,847	61,047	60,599	62,408	62,473	68,121
Obligations of States and political subdivisions.....	5,511	6,403	7,959	9,016	10,006	10,620	12,387
Other securities.....	3,421	3,574	4,192	4,058	3,866	3,759	3,634
Loans, discounts, and overdrafts, net <sup>2</sup> .....	41,979	42,499	51,809	57,371	63,824	67,266	70,341
Miscellaneous assets.....	1,748	1,774	1,921	2,164	2,279	2,467	2,870
<b>Liabilities and capital accounts, total</b> .....	152,163	155,319	166,792	177,449	186,682	191,063	200,588
Deposits, total.....	140,683	143,194	153,498	163,172	171,357	175,084	183,309
Demand deposits of individuals, partnerships, and corporations.....	81,699	82,129	89,993	95,701	98,898	99,196	102,715
Time deposits of individuals, partnerships and corporations.....	34,262	34,462	34,582	36,057	38,795	41,484	44,276
U. S. Government.....	2,436	3,232	2,979	3,615	5,263	4,456	4,525
Other deposits.....	22,286	23,371	25,943	27,799	28,401	29,948	31,793
Miscellaneous liabilities.....	1,320	1,476	2,013	2,354	2,740	2,715	3,001
Capital, surplus, undivided profits, etc.....	10,160	10,649	11,281	11,923	12,585	13,264	14,278

<sup>1</sup> Dec. 30.    <sup>2</sup> Net of valuation reserves.

Source of tables 510 and 511: Federal Deposit Insurance Corporation, *Annual Report*.

**No. 512.—DEPOSIT INSURANCE—NUMBER AND DEPOSITS OF ALL OPERATING BANKS,  
BY INSURANCE STATUS, BY STATES: 1953 AND 1954**

[Deposits in millions of dollars. As of December 31. Includes commercial and stock savings banks, nondeposit trust companies and mutual savings banks. "Other areas" comprises Alaska, Hawaii, Puerto Rico, the Virgin Islands, American Samoa, Mariana Islands, and the Panama Canal Zone]

STATE	1953				1954			
	Number		Deposits		Number		Deposits	
	In- sured	Nonin- sured	In- sured	Nonin- sured	In- sured	Nonin- sured	In- sured	Nonin- sured
<b>Total</b> .....	<b>13, 651</b>	<b>901</b>	<b>193, 466</b>	<b>8, 512</b>	<b>13, 541</b>	<b>868</b>	<b>203, 195</b>	<b>8, 836</b>
Alabama.....	231		1, 491		234		1, 556	
Arizona.....	13	1	634	3	12	1	691	3
Arkansas.....	224	6	941	4	225	6	982	3
California.....	197	9	16, 762	61	162	9	17, 954	66
Colorado.....	152	10	1, 428	3	152	9	1, 550	3
Connecticut.....	99	82	2, 027	1, 580	97	80	2, 087	1, 655
Delaware.....	35	2	546	85	34	2	575	92
Dist. of Columbia.....	19		1, 267		17		1, 336	
Florida.....	213	4	2, 633	8	221	5	2, 945	10
Georgia.....	345	55	2, 096	13	347	54	2, 188	11
Idaho.....	38		512		38		532	
Illinois.....	889	11	14, 748	46	902	8	15, 128	37
Indiana.....	472	10	3, 940	29	469	9	4, 052	28
Iowa.....	612	52	2, 555	91	615	50	2, 620	87
Kansas.....	477	129	1, 805	161	487	115	1, 913	141
Kentucky.....	360	18	1, 845	19	354	17	1, 949	18
Louisiana.....	170	1	2, 238	1	171	1	2, 412	1
Maine.....	63	32	520	273	62	31	538	290
Maryland.....	160	2	2, 262	93	158	2	2, 370	110
Massachusetts.....	173	194	4, 457	3, 960	171	194	4, 611	4, 269
Michigan.....	419	12	6, 855	165	419	10	7, 206	37
Minnesota.....	666	12	3, 529	12	668	12	3, 684	13
Mississippi.....	197	3	944	9	194	3	956	9
Missouri.....	580	18	5, 118	17	581	19	5, 269	21
Montana.....	109		663		110		687	
Nebraska.....	373	46	1, 515	40	375	44	1, 518	32
Nevada.....	8		246		8		280	
New Hampshire.....	73	36	450	195	74	36	473	210
New Jersey.....	330	3	6, 250	(1)	327	3	6, 518	1
New Mexico.....	51	1	463	(1)	52		490	
New York.....	702	10	48, 993	601	678	11	51, 976	627
North Carolina.....	225	1	2, 195	21	223	1	2, 302	24
North Dakota.....	148	5	492	115	149	5	502	122
Ohio.....	641	6	9, 476	7	632	5	9, 681	6
Oklahoma.....	376	8	2, 047	4	376	8	2, 138	4
Oregon.....	66	2	1, 640	8	46	2	1, 759	9
Pennsylvania.....	895	16	13, 004	54	850	16	13, 498	53
Rhode Island.....	14	6	923	195	13	5	952	203
South Carolina.....	136	14	837	8	139	12	833	6
South Dakota.....	169		564		170		591	
Tennessee.....	291	7	2, 422	6	290	7	2, 552	6
Texas.....	882	39	8, 881	92	886	39	9, 525	93
Utah.....	54		723		54		788	
Vermont.....	73	2 1	380		71	2 1	394	
Virginia.....	316		2, 390		316		2, 568	
Washington.....	113	3	2, 442	23	108	3	2, 590	24
West Virginia.....	178	4	1, 051	12	179	4	1, 045	13
Wisconsin.....	551	7	3, 560	6	551	7	3, 671	7
Wyoming.....	53		319		53		333	
Other areas.....	20	23	387	492	21	22	427	492

<sup>1</sup> Less than \$500,000.    <sup>2</sup> Nondeposit trust company.

Source: Federal Deposit Insurance Corporation; *Annual Report*.



**No. 513.—FEDERAL DEPOSIT INSURANCE CORPORATION—DISBURSEMENTS TO PROTECT DEPOSITORS, AND NUMBER AND DEPOSITS OF INSURED BANKS FINANCIALLY AIDED BY THE CORPORATION: 1934 TO 1954**

CLASSIFICATION	DISBURSEMENT BY FDIC (\$1,000) <sup>1</sup>			NUMBER OF BANKS			DEPOSITS (\$1,000)		
	Total	Re- ceiver- ships	Deposit assump- tion cases <sup>2</sup>	Total	Re- ceiver- ships	De- posit as- sump- tion cases	Total	Re- ceiver- ships	Deposit assump- tion cases
<b>All banks, cumulative total</b> .....	328,295	87,044	241,251	424	245	179	559,938	109,590	450,348
By class of bank:									
National banks.....	58,904	14,808	44,096	73	21	52	112,548	19,474	93,074
State banks, members F. R. system.....	120,470	20,934	99,536	22	6	16	187,656	26,537	161,119
Banks not members F. R. system.....	148,921	51,302	97,619	329	218	111	259,734	63,579	196,155
Banks with deposits of—									
\$100,000 or less.....	5,135	4,308	827	107	83	24	6,420	4,947	1,473
\$100,000 to \$250,000.....	13,056	11,554	1,502	109	86	23	17,759	13,920	3,839
\$250,000 to \$500,000.....	15,171	10,223	4,948	59	36	23	20,976	12,462	8,514
\$500,000 to \$1,000,000.....	30,692	13,901	16,791	59	24	35	44,369	17,590	26,779
\$1,000,000 to \$2,000,000.....	34,332	8,961	25,371	42	9	33	60,554	11,748	48,806
\$2,000,000 to \$5,000,000.....	52,281	12,421	39,860	29	5	24	88,333	16,279	72,054
\$5,000,000 to \$10,000,000.....	28,175	—	28,175	10	—	10	65,397	—	65,397
\$10,000,000 to \$25,000,000.....	51,085	25,676	25,409	5	2	3	96,712	32,644	64,068
\$25,000,000 to \$50,000,000.....	98,368	—	98,368	4	—	4	159,418	—	159,418
Year of receivership or absorption:									
1934.....	941	941	—	9	9	—	1,968	1,968	—
1935.....	9,162	6,025	3,137	25	24	1	13,320	9,091	4,229
1936.....	15,715	8,056	7,659	69	42	27	27,508	11,241	16,267
1937.....	20,042	12,044	7,998	75	50	25	33,349	14,960	18,389
1938.....	35,331	9,092	26,239	74	50	24	59,684	10,296	49,388
1939.....	85,373	26,197	59,176	60	32	28	157,772	32,738	125,034
1940.....	91,363	4,895	86,468	43	19	24	142,430	5,657	136,773
1941.....	25,356	12,278	13,078	15	8	7	29,717	14,730	14,987
1942.....	11,901	1,612	10,289	20	6	14	19,185	1,816	17,369
1943.....	7,244	5,500	1,744	5	4	1	12,525	6,637	5,888
1944.....	1,540	404	1,136	2	1	1	1,915	456	1,459
1945.....	1,865	—	1,865	1	—	1	5,695	—	5,695
1946.....	276	—	276	1	—	1	347	—	347
1947.....	1,992	—	1,992	5	—	5	7,040	—	7,040
1948.....	3,188	—	3,188	3	—	3	10,674	—	10,674
1949.....	2,716	—	2,716	4	—	4	5,475	—	5,475
1950.....	4,394	—	4,394	4	—	4	5,502	—	5,502
1951.....	1,990	—	1,990	2	—	2	3,408	—	3,408
1952.....	1,539	—	1,539	3	—	3	3,171	—	3,171
1953.....	5,378	—	5,378	2	—	2	18,262	—	18,262
1954.....	939	—	939	2	—	2	991	—	991

<sup>1</sup> Includes principal disbursement in all cases, and liquidation expenses and advances for protection of assets in deposit assumption cases.

<sup>2</sup> Excludes excess collections turned over to banks as additional purchase price at time of termination or liquidations.

Source: Federal Deposit Insurance Corporation; *Annual Report*.

**No. 514.—FEDERAL NATIONAL MORTGAGE ASSOCIATION—HOLDINGS, PURCHASES, AND SALES: 1948 TO 1954**

[In millions of dollars. FNMA (a Government corporation) is responsible for providing supplementary assistance to the secondary market for residential mortgages (guaranteed by the Veterans Administration or insured by Federal Housing Administration). It also provides special assistance, by Presidential decree, for financing housing programs and residential mortgages generally.]

TYPE OF ACTIVITY	1948	1949	1950	1951	1952	1953	1954
Authorized funds uncommitted.....	528	848	918	661	1,085	550	( <sup>1</sup> )
Commitments undisbursed.....	227	824	485	239	323	638	476
Mortgage holdings.....	199	828	1,347	1,850	2,242	2,462	2,434
FHA-insured.....	188	403	169	204	320	621	802
VA-guaranteed.....	11	425	1,178	1,646	1,922	1,841	1,632
Mortgage purchases (during period).....	198	672	1,044	677	538	542	614
Mortgage sales (during period).....	—	20	469	111	56	221	525

<sup>1</sup> No longer applicable; under the new charter, effective Nov. 1, 1954, FNMA maintains three separate programs for which the type of fund authorization varies.

Source: Housing and Home Finance Agency, Federal National Mortgage Association; *Semi-Annual Report*. Published currently in *Federal Reserve Bulletin*.

# No. 515.—GOVERNMENT CORPORATIONS AND CREDIT AGENCIES—PRINCIPAL ASSETS AND LIABILITIES: 1946 TO 1954

[In millions of dollars. Includes figures for certain business-type activities of U. S. Government. Figures (usually small) for some agencies may be for dates other than those indicated]

YEAR AND CORPORATION OR AGENCY	ASSETS, OTHER THAN INTERAGENCY ITEMS <sup>1</sup>						Liabilities, other than inter-agency items	U. S. Gov- ern- ment inter- est
	Total	Loans receiv- able	Investments		Land, struc- tures, and equip- ment	Other assets <sup>2</sup>		
			U. S. Govt. securi- ties	Other securi- ties				
1946, Dec. 31.....	30,409	6,649	1,873	547	16,924	4,416	5,101	24,810
1947, Dec. 31 <sup>3</sup> .....	30,966	9,714	1,685	3,539	12,600	3,428	2,808	28,015
1948, Dec. 31 <sup>3</sup> .....	21,718	11,692	1,854	3,518	3,060	1,594	2,666	18,886
1949, Dec. 31.....	23,733	12,773	2,047	3,492	2,962	2,499	2,520	21,030
1950, Dec. 31.....	24,635	13,228	2,075	3,473	2,945	2,915	2,406	21,995
1951, Dec. 31 <sup>3</sup> .....	26,744	14,422	2,226	3,463	3,358	3,274	2,573	23,842
1952, Dec. 31 <sup>3</sup> .....	29,945	17,826	2,421	3,429	3,213	3,056	3,111	26,456
1953, Sept. 30 <sup>3</sup> .....	37,141	18,502	2,586	3,429	7,911	4,712	3,381	33,335
Dec. 31.....	38,937	19,883	2,602	3,425	8,062	4,965	5,075	33,429
1954, Sept. 30.....	40,443	18,603	2,988	3,433	8,061	7,358	3,457	36,488
Farm Credit Administration:								
Banks for cooperatives.....	408	339	43	-----	( <sup>4</sup> )	26	132	249
Federal intermediate credit banks.....	860	754	58	-----	-----	48	769	90
Production credit corporations.....	46	-----	42	4	-----	-----	( <sup>4</sup> )	46
Federal Farm Mortgage Corp.....	16	15	-----	-----	-----	1	( <sup>4</sup> )	16
Department of Agriculture:								
Rural Electrification Administration.....	2,338	2,198	-----	-----	1	139	1	2,337
Commodity Credit Corporation.....	5,836	2,344	-----	-----	140	3,352	801	5,035
Farmers Home Administration.....	741	650	1	-----	( <sup>4</sup> )	90	25	716
Federal Crop Insurance Corp.....	37	-----	-----	-----	-----	37	20	17
Housing and Home Finance Agency:								
Home Loan Bank Board:								
Federal home loan banks.....	1,420	689	687	-----	( <sup>4</sup> )	44	956	-6
Federal Savings and Loan Insurance Corp.....	228	-----	222	-----	-----	6	8	221
Public Housing Administration.....	408	143	-----	( <sup>4</sup> )	128	137	20	388
Federal Housing Administration.....	512	44	324	1	1	142	193	320
Office of the Administrator:								
Federal National Mortgage Association.....	2,408	2,392	-----	-----	( <sup>4</sup> )	16	11	2,397
Other.....	971	171	-----	-----	689	111	9	962
Small Business Administration.....	22	21	-----	-----	( <sup>4</sup> )	1	( <sup>4</sup> )	22
Export-Import Bank.....	2,824	2,805	-----	1	( <sup>4</sup> )	18	99	2,725
Federal Deposit Insurance Corp.....	1,626	( <sup>4</sup> )	1,610	-----	( <sup>4</sup> )	16	106	1,520
Tennessee Valley Authority.....	1,950	-----	-----	-----	1,685	265	58	1,891
Federal Maritime Board and Maritime Administration.....	5,476	-----	-----	-----	4,782	694	157	5,319
Panama Canal Company.....	468	-----	-----	-----	422	46	13	455
Veterans Administration.....	501	368	-----	-----	3	130	7	494
Department of the Treasury.....	8,912	3,979	-----	3,428	149	1,356	25	8,888
Foreign Operations Administration.....	1,579	1,563	-----	-----	-----	16	7	1,572
All other.....	857	130	-----	-----	62	665	42	815

<sup>1</sup> Assets are shown on a net basis, i. e., after reserve for losses.

<sup>2</sup> Obtained by deduction.

<sup>3</sup> Several changes in coverage have been made over the period for which data are shown. More important are: exclusion of the following agencies after repayment of U. S. Government interest—Federal land banks after 1946 and Home Owners' Loan Corporation after June 1951; exclusion of United States Maritime Commission (including War Shipping activities) after 1947, when this agency ceased to report to U. S. Treasury; and inclusion of Mutual Security Agency (superseded by Foreign Operations Administration) beginning June 1952 and of Federal Maritime Board and Maritime Administration beginning June 1953.

<sup>4</sup> Less than \$500,000.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.



# No. 516.—FEDERAL HOME LOAN BANKS—PRINCIPAL ASSETS AND LIABILITIES: 1933 TO 1953

[In thousands of dollars. As of December 31]

YEAR AND FEDERAL HOME LOAN BANK DISTRICT	ASSETS				LIABILITIES AND CAPITAL				
	Total assets <sup>1</sup>	Ad- vances out- stand- ing	Invest- ments in Govern- ment securi- ties (face amount)	Cash <sup>1</sup>	Member deposits	Consoli- dated obligations	Paid-in on capital stock		Surplus reserves and un- divided profits
							Mem- bers	U. S. Govern- ment	
All banks:									
1933	95,558	85,442	2,311	7,218	392	-----	14,747	75,746	652
1934	109,992	86,602	14,345	8,460	1,926	-----	21,932	81,646	1,791
1935	128,816	102,686	18,564	6,954	4,063	-----	24,471	94,196	2,279
1936	174,462	145,227	9,476	19,183	10,746	-----	28,316	117,869	3,463
1937	261,272	200,038	32,407	27,640	12,566	77,700	34,834	124,741	5,204
1938	284,875	198,842	45,656	38,829	21,900	90,000	37,971	124,741	7,579
1939	262,823	181,313	49,479	30,305	29,617	48,500	40,978	124,741	9,619
1940	301,344	201,492	49,815	48,345	26,921	90,500	44,541	124,741	11,201
1941	319,300	219,446	62,775	35,336	29,826	90,500	43,815	124,741	12,976
1942	287,510	129,213	121,421	35,504	25,436	69,500	51,703	124,741	14,811
1943	294,476	110,068	151,275	31,785	29,534	64,300	57,577	124,741	16,664
1944	306,013	130,563	143,513	30,323	28,744	66,500	63,805	124,741	17,921
1945	342,710	194,872	117,177	28,572	45,697	68,500	73,658	124,510	21,049
1946	479,564	293,455	143,151	39,714	70,248	169,000	85,828	123,651	22,496
1947	624,189	435,572	136,558	48,204	87,835	261,700	103,078	122,672	24,124
1948	826,948	515,016	271,893	36,586	133,355	416,500	121,237	119,791	25,517
1949	765,303	433,429	272,793	52,079	267,112	206,500	136,239	95,819	26,997
1950	1,060,470	815,957	197,435	41,479	224,097	561,000	182,547	56,022	29,903
1951	1,101,832	805,937	248,038	37,395	261,236	529,500	270,652	-----	31,827
1952	1,225,227	864,189	310,608	42,892	419,661	448,550	315,488	-----	34,413
1953	1,396,519	951,555	387,640	53,419	558,446	413,500	363,524	-----	37,515
1954	1,575,149	867,478	642,024	60,253	802,029	273,000	437,904	-----	40,845
Boston	113,315	54,872	50,580	7,617	28,316	48,900	32,392	-----	2,941
New York	166,476	49,577	107,775	8,356	108,600	-----	51,890	-----	5,823
Pittsburgh	119,385	84,847	27,700	6,434	58,103	29,400	28,613	-----	2,774
Greensboro	233,676	123,365	100,600	8,633	146,533	20,000	60,977	-----	4,423
Cincinnati	138,601	45,789	88,684	3,450	66,441	15,000	51,772	-----	4,454
Indianapolis	108,537	52,380	51,645	4,263	64,136	12,000	29,419	-----	2,795
Chicago	194,837	156,174	34,650	3,716	81,909	55,200	52,111	-----	4,129
Des Moines	117,512	65,957	44,130	7,187	53,969	32,500	28,029	-----	2,532
Little Rock	77,468	45,702	29,120	2,335	28,118	18,000	21,308	-----	2,216
Topeka	55,993	30,108	22,565	3,230	17,138	17,000	17,566	-----	1,950
San Francisco	249,349	158,707	84,575	5,032	148,766	25,000	63,887	-----	6,808

<sup>1</sup> Includes interbank deposits.

# No. 517.—FEDERAL HOME LOAN BANK SYSTEM—MEMBER INSTITUTIONS: 1950 TO 1954

[Money figures in thousands of dollars]

ITEM	1950	1951	1952	1953	1954
Member institutions as of Dec. 31:					
Number	3,930	3,981	4,056	4,134	4,234
Federal savings and loan associations	1,526	1,549	1,581	1,604	1,640
State-chartered savings and loan associations	2,368	2,401	2,447	2,504	2,569
Mutual savings banks	29	25	23	23	22
Life insurance companies	7	6	5	3	3
Assets	16,197,414	18,391,438	21,787,154	22,725,102	<sup>1</sup> 30,678,000
Federal savings and loan associations	8,452,940	9,789,930	11,762,685	14,038,876	<sup>1</sup> 16,775,000
State-chartered savings and loan associations	7,015,605	8,067,650	9,494,873	11,177,436	<sup>1</sup> 13,393,000
Mutual savings banks	639,586	443,840	437,290	475,329	<sup>1</sup> 474,000
Life insurance companies	89,283	90,018	92,306	33,461	<sup>1</sup> 36,000
Federal Home Loan Bank loans to members:					
Advances made during year	674,757	422,977	585,813	727,517	734,249
Repayments during year	292,229	432,997	527,562	640,150	818,326
Advances outstanding Dec. 31	815,957	805,937	864,189	951,555	867,478

<sup>1</sup> Preliminary.

Source of tables 516 and 517: Housing and Home Finance Agency, Home Loan Bank Board; records.

# No. 518.—MORTGAGE DEBT OUTSTANDING, BY TYPE OF PROPERTY AND HOLDER: 1940 TO 1954

[In billions of dollars]

END OF YEAR	ALL PROPERTIES			NONFARM					FARM	
	All holders	Financial institutions <sup>1</sup>	Other holders	All holders	1- to 4-family houses		Multi-family and commercial properties <sup>2</sup>		All holders	Financial institutions <sup>1</sup>
					Total	Financial institutions <sup>1</sup>	Total	Financial institutions <sup>1</sup>		
1940.....	36.5	19.5	16.9	30.0	17.3	10.2	12.6	7.8	6.5	1.5
1945.....	35.5	21.0	14.5	30.8	18.5	12.2	12.2	7.5	4.8	1.3
1948.....	56.2	37.8	18.4	50.9	33.3	25.0	17.6	10.9	5.3	1.9
1949.....	62.7	42.9	19.8	57.1	37.5	28.4	19.6	12.4	5.6	2.1
1950.....	72.8	51.6	21.1	66.7	45.1	35.3	21.6	14.0	6.1	2.3
1951.....	82.2	59.5	22.7	75.6	51.9	41.2	23.7	15.7	6.6	2.6
1952.....	91.2	66.8	24.3	84.0	58.7	47.0	25.3	17.0	7.2	2.8
1953.....	101.0	75.0	26.0	93.3	66.3	53.8	27.1	18.2	7.7	3.0
1954.....	113.5	85.6	27.9	105.3	75.9	62.7	29.4	19.6	8.2	3.3

<sup>1</sup> Comprises commercial banks (including nondeposit trust companies but not trust departments), mutual savings banks, life insurance companies, and savings and loans associations.

<sup>2</sup> Derived figures, which include negligible amount of farm loans held by savings and loan associations.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

# No. 519.—NONFARM MORTGAGES RECORDED—MORTGAGES OF \$20,000 OR LESS, BY TYPE OF MORTGAGEE, FOR CONTINENTAL UNITED STATES: 1940 TO 1954

[Amounts in thousands of dollars. Estimates based on recordings in 450 counties and similar political subdivisions, which contain over one-half of the 1- to 4-family nonfarm dwelling units]

YEAR	Total	Savings and loan associations	Insurance companies	Commercial banks	Mutual savings banks	Individuals	Miscellaneous mortgagees
NUMBER							
1940.....	1,455,865	502,949	67,929	316,334	45,077	339,543	184,033
1945.....	1,638,557	574,816	47,477	299,035	51,647	498,698	166,884
1950.....	3,032,452	935,499	227,236	628,247	165,212	610,291	465,967
1951.....	2,877,860	901,503	207,123	583,010	145,163	630,921	410,140
1952.....	3,028,157	1,026,964	170,813	599,619	153,205	670,523	407,033
1953.....	3,163,993	1,108,543	167,748	598,909	168,400	682,307	438,086
1954.....	3,457,935	1,198,493	185,734	661,334	183,379	675,039	553,956
AMOUNT							
1940.....	4,031,368	1,283,628	333,724	1,005,893	169,907	640,350	597,866
1945.....	5,649,819	2,017,066	249,849	1,097,039	216,981	1,402,487	666,397
1950.....	16,179,196	5,059,612	1,618,020	3,364,889	1,064,141	2,298,962	2,773,572
1951.....	16,405,367	5,294,689	1,615,173	3,370,407	1,013,366	2,539,452	2,572,280
1952.....	18,017,677	6,452,357	1,420,246	3,599,856	1,136,621	2,757,931	2,650,666
1953.....	19,747,408	7,365,276	1,479,985	3,679,676	1,327,278	2,840,574	3,054,619
1954.....	22,973,853	8,311,993	1,767,591	4,239,266	1,501,061	2,881,547	4,272,395

# No. 520.—ESTIMATED NONFARM REAL ESTATE FORECLOSURES, FOR CONTINENTAL UNITED STATES: 1926 TO 1954

[Based on data from approximately 1,400 counties, cities, townships, or other government divisions. Represents number of properties acquired through foreclosure proceedings. Excludes voluntary deeds of sale in lieu of foreclosure and defaults on real estate contracts]

YEAR	Fore-closures	YEAR	Fore-closures	YEAR	Fore-closures
1926.....	68,100	1936.....	185,439	1946.....	10,453
1927.....	91,000	1937.....	151,366	1947.....	10,559
1928.....	116,000	1938.....	118,357	1948.....	13,052
1929.....	134,900	1939.....	100,410	1949.....	17,635
1930.....	150,000	1940.....	75,556	1950.....	21,537
1931.....	193,800	1941.....	58,559	1951.....	18,141
1932.....	248,700	1942.....	41,997	1952.....	18,135
1933.....	252,400	1943.....	25,281	1953.....	21,473
1934.....	230,350	1944.....	17,153	1954.....	26,211
1935.....	228,713	1945.....	12,706		

Source of tables 519 and 520: Housing and Home Finance Agency, Home Loan Bank Board.



# No. 521.—MORTGAGE LOANS ON ONE- TO FOUR-FAMILY NONFARM HOMES— ESTIMATED BALANCE OUTSTANDING: 1943 TO 1954

[In millions of dollars. Represents estimates on basis of recent surveys and more detailed analyses of mortgage holdings. See also *Historical Statistics*, series H 120-126]

TYPE OF MORTGAGEE	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954 (prel.)
<b>Total</b> .....	17,835	17,947	18,543	23,059	28,161	33,261	37,496	45,072	51,872	58,684	66,296	75,943
Savings and loan associations.....	4,355	4,617	5,156	6,840	8,475	9,841	11,117	13,104	14,801	17,590	20,923	24,993
Life insurance companies.....	2,410	2,458	2,258	2,570	3,459	4,925	5,970	8,392	10,814	11,996	13,473	15,430
Mutual savings banks.....	2,033	1,937	1,894	2,033	2,283	2,835	3,364	4,312	5,331	6,194	7,373	9,002
Commercial banks.....	2,706	2,703	2,875	4,576	6,303	7,396	7,956	9,481	10,275	11,250	12,025	13,300
Home Owners' Loan Corporation.....	1,338	1,091	852	636	486	369	231	10	-----	-----	-----	-----
Federal National Mortgage Association.....	60	50	7	6	4	198	806	1,328	1,818	2,210	2,358	2,328
Individuals and others.....	4,933	5,091	5,501	6,398	7,151	7,697	8,052	8,445	8,833	9,444	10,144	10,890

Source: Housing and Home Finance Agency, Home Loan Bank Board; *Annual Report*.

# No. 522.—FARM CREDIT—LOANS AND DISCOUNTS NOT SECURED BY FARM MORTGAGES, BY TYPE OF LENDER: 1930 TO 1954

[In thousands of dollars. Continental United States only. Farmers Home Administration succeeded Farm Security Administration on Nov. 1, 1946; it took over from Farm Credit Administration for liquidation the emergency crop and feed loans, including those for drought-relief and orchard rehabilitation, on that date, and loans of the regional agricultural credit corporations, on April 16, 1949. See also *Historical Statistics*, series E 258, E 261-266]

ITEM	1930	1935	1940	1945	1950	1953	1954
Commercial banks: Agricultural loans outstanding, Dec. 31 <sup>1</sup> .....	2,109,050	743,731	1,326,120	1,177,042	2,906,115	4,489,965	4,892,779
Federal intermediate credit banks: <sup>2</sup> Loans to and discounts for— Private financing institutions: Made during year <sup>3</sup> .....	103,906	116,137	87,314	73,039	169,455	175,506	153,253
Outstanding, Dec. 31.....	62,462	46,518	433,116	26,487	62,073	63,557	58,276
Cooperative associations: Made during year <sup>3</sup> .....	109,927	44,011	4,593	4,032	9,044	4,000	4,200
Outstanding, Dec. 31.....	64,377	2,731	1,490	2,042	3,233	500	2,200
Banks for cooperatives: Made during year <sup>3</sup> .....	-----	9,502	31,061	93,481	108,418	55,702	73,350
Outstanding, Dec. 31.....	-----	-----	15,554	40,518	45,125	24,659	27,200
Banks for cooperatives: <sup>4,5</sup> Loans made during year.....	-----	66,296	100,455	329,980	399,279	493,397	478,434
Loans outstanding, Dec. 31.....	-----	49,962	74,405	157,100	343,969	370,642	359,536
Production credit associations: Loans made during year <sup>3</sup> .....	-----	194,959	347,145	509,579	1,065,745	1,213,786	1,259,175
Loans outstanding, Dec. 31 <sup>6</sup> .....	-----	93,400	170,686	194,788	450,673	541,786	576,997
Farmers Home Administration: <sup>7</sup> Loans made during year.....	5,340	187,037	119,193	97,665	126,443	194,782	235,046
Loans outstanding, Dec. 31.....	8,946	278,764	470,440	432,400	343,535	398,104	442,708
Rural Electrification Administration: <sup>7,8</sup> Loans made during year <sup>10</sup> .....	-----	10	69,237	57,008	271,511	196,504	160,495
Loans outstanding, Dec. 31 <sup>11</sup> .....	-----	10	249,229	407,127	1,539,969	2,052,470	2,129,264
Commodity Credit Corporation, loans outstanding, Dec. 31: <sup>12</sup> To farmers.....	-----	271,219	252,287	98,904	434,531	673,472	537,327
To cooperatives.....	-----	-----	27,931	737	126,713	142,963	95,178

<sup>1</sup> All active banks. Includes loans guaranteed by Commodity Credit Corporation and for 1954 certificates of interest in pool of CCC loans excepting \$309,093,000, of certificates based on pooled loans to cooperatives.

<sup>2</sup> Excludes loans to production credit associations. <sup>3</sup> Includes renewals.

<sup>4</sup> Includes loans guaranteed by Commodity Credit Corporation.

<sup>5</sup> Includes all loans made by Banks for Cooperatives whether or not discounted with FICB.

<sup>6</sup> Excludes loans guaranteed by Commodity Credit Corporation. Beginning 1947, excludes loans of associations in liquidation.

<sup>7</sup> Includes loans to cooperatives. <sup>8</sup> June 30. <sup>9</sup> Electrification loans only.

<sup>10</sup> Net advances after deducting unused loan funds. <sup>11</sup> Cumulative net advances minus principal repayments.

<sup>12</sup> Comprises loans made by Commodity Credit Corporation, and guaranteed loans purchased from banks and other lending agencies. Includes loans to farmers for storage facilities and equipment.

Source: Department of Agriculture, Agricultural Research Service.

# No. 523.—FARM CREDIT—FARM MORTGAGE LOANS HELD BY PRINCIPAL LENDER GROUPS, LOANS CLOSED, AND INTEREST PAYABLE: 1930 TO 1954

[In thousands of dollars except where noted. Continental United States only. Loans held by Federal Farm Mortgage Corporation were made by Land Bank Commissioner; authority to make new loans expired July 1, 1947. Farmers Home Administration succeeded Farm Security Administration on Nov. 1, 1946. Joint-stock land banks have been in liquidation since May 12, 1933; includes banks in receivership. See also *Historical Statistics*, series E 244-255]

ITEM	1930	1935	1940	1945	1950	1952	1953	1954
<b>Total debt outstanding, Jan. 1</b>	9,630,768	7,584,459	6,586,399	4,940,915	5,579,278	6,588,270	7,154,038	7,656,186
Federal land banks and Federal Farm Mortgage Corporation <sup>1</sup>	1,201,732	2,564,179	2,723,110	1,556,983	964,727	1,026,906	1,095,257	1,187,046
Life insurance companies <sup>1</sup>	2,118,439	1,301,562	984,290	938,275	1,172,326	1,541,041	1,715,164	1,892,643
Commercial and savings banks <sup>2</sup>	997,468	498,842	534,170	449,582	937,144	1,046,923	1,105,096	1,131,214
Farmers Home Administration			31,927	193,377	188,855	233,374	257,936	268,060
Joint-stock land banks <sup>1</sup>	637,789	277,020	91,726	5,455	270			
Individuals and others	4,675,340	2,942,856	2,221,176	1,797,243	2,315,956	2,740,026	2,980,585	3,177,223
<b>LOANS CLOSED BY</b>								
Federal land banks and Federal Farm Mortgage Corporation	47,146	443,479	100,317	120,581	203,154	251,633	286,146	( <sup>3</sup> )
Joint-stock land banks	5,236	275	123	14				
<b>INTEREST PAYABLE</b>								
Interest rates on mortgage loans recorded (percent)	6.4	5.4	( <sup>3</sup> )	<sup>4</sup> 4.7	( <sup>3</sup> )	( <sup>3</sup> )	5.0	( <sup>3</sup> )
Interest rates on mortgage loans outstanding, Jan. 1 (percent) <sup>5</sup>	6.0	5.5	4.6	4.5	4.5	4.6	4.7	4.7
Interest charges <sup>6</sup>	569,756	396,092	293,147	221,243	263,897	318,756	347,424	( <sup>3</sup> )
Index of interest charges per acre (1910-14=100)	206	135	102	72	89	107	117	( <sup>3</sup> )

<sup>1</sup> Includes purchase-money mortgages and sales contracts in addition to regular mortgages.

<sup>2</sup> Before 1935, open State and national banks; 1935-1947, insured commercial banks; and 1948 to date, all operating commercial and savings banks.

<sup>3</sup> Not available.

<sup>4</sup> Average of rates on mortgages recorded during month of March only.

<sup>5</sup> Average contract rates, except for temporarily reduced rates on outstanding loans of Federal land banks, 1935 and 1940, and Federal Farm Mortgage Corporation, 1940 and 1945.

<sup>6</sup> Payable during calendar year on outstanding loans. Excludes amounts paid by Secretary of Treasury to Federal land banks, 1935 and 1940, and Federal Farm Mortgage Corporation, 1940 and 1945, as reimbursement for interest reductions granted borrowers.

Source: Department of Agriculture, Agricultural Research Service; *Agricultural Finance Review*, and releases.

# No. 524.—FEDERAL LAND BANKS—PRINCIPAL ASSETS AND LIABILITIES: 1944 TO 1954

[In thousands of dollars]

DECEMBER 31—	ASSETS				LIABILITIES				
	Total assets	Mortgage loans <sup>1</sup>	U. S. Govt. obligations, direct and fully guaranteed	Cash on hand and in banks	Unmatured farm loan bonds outstanding <sup>2</sup>	Capital stock		Paid-in surplus, U. S. Govt.	Reserve and undivided profits <sup>4</sup>
						U. S. Govt.	National farm loan associations <sup>3</sup>		
1944	1,441,484	1,135,150	220,149	30,834	845,167	118,941	75,696	123,874	141,579
1945	1,231,881	1,025,950	144,725	33,935	630,975	117,790	68,106	50,252	162,061
1946	1,114,105	943,133	135,848	28,216	706,127	39,879	61,917	36,924	178,582
1947	990,409	868,290	104,249	22,638	661,573		56,955		195,501
1948	970,443	855,347	101,313	20,568	646,924		55,918		201,256
1949	1,011,251	897,704	106,303	19,932	715,702		57,886		205,928
1950	1,042,079	944,718	87,813	19,851	714,837		60,197		216,503
1951	1,108,184	995,957	83,194	18,255	784,149		62,902		226,342
1952	1,180,913	1,076,691	82,105	15,083	815,323		67,204		247,578
1953	1,304,911	1,177,693	86,029	18,237	935,717		72,628		255,105
1954	1,416,095	1,278,403	101,028	18,379	1,029,751		78,135		259,824

<sup>1</sup> Less payments on principal and principal of delinquent and extended installments; before deductions for reserves. <sup>2</sup> Excludes bonds owned by banks.

<sup>3</sup> For 1951 and prior years, includes capital stock owned by individual borrowers.

<sup>4</sup> Not including special reserves set up against particular assets. Includes earned surplus.

Source: Farm Credit Administration; records.



No. 525.—FARM CREDIT SYSTEM—LOANS AND DISCOUNTS MADE AND OUTSTANDING:  
1932 TO 1954

[In thousands of dollars. Data for lending institutions supervised by the Farm Credit Administration]

YEAR	FARM MORTGAGE LOANS BY—		LOANS TO COOPERATIVES BY—			FEDERAL INTER- MEDIATE CREDIT BANKS, LOANS TO AND DISCOUNTS FOR 1—		Produc- tion credit asso- cia- tions <sup>1</sup>
	Federal land banks	Land Bank Com- mis- sioner	Federal inter- mediate credit banks (di- rect) <sup>1</sup>	Banks for co- opera- tives, includ- ing cen- tral bank <sup>2</sup>	Agricul- tural Market- ing Act revolv- ing fund <sup>3</sup>	Prod. credit asso- cia- tions, banks for co-ops. <sup>3</sup>	Other financ- ing in- stitu- tions	
<b>Made during year—</b>								
Cumulative to Dec. 31, 1932..	1,725,240		815,423		369,479		819,230	
1933.....	151,634	70,812	27,910	27,144	40,687	27	250,736	27
1934.....	730,367	553,136	57,369	40,371	9,555	110,162	238,383	107,216
1935.....	248,671	196,395	44,509	66,348	7,402	220,204	149,443	196,306
1936.....	109,170	77,258	3,755	81,294	20,449	271,700	106,206	228,090
1937.....	63,092	40,020	5,129	97,584	5,935	342,979	101,458	286,520
1938.....	51,418	29,395	2,668	94,946	7,911	370,888	90,466	302,153
1939.....	51,582	27,417	4,156	83,360	1,214	381,222	86,558	320,483
1940.....	64,275	36,664	4,593	101,231	3,094	419,072	88,593	349,383
1941.....	65,068	37,533	5,651	181,569	3,990	539,297	102,261	418,196
1942.....	53,974	28,534	9,397	252,379	5,017	696,522	110,078	477,715
1943.....	61,900	30,497	5,000	398,581	1,417	827,474	94,962	501,212
1944.....	70,275	35,017	3,402	363,637	809	792,462	81,744	490,477
1945.....	92,986	29,462	4,032	333,702	660	759,937	74,491	516,116
1946.....	130,162	15,035	11,579	399,769	975	922,816	88,092	614,613
1947.....	138,764	10,606	14,128	530,248	1,400	1,126,163	112,832	757,611
1948.....	150,514	4 17	13,639	494,678	1,000	1,366,734	165,710	924,314
1949.....	182,357	19	9,900	382,617	700	1,416,948	162,593	955,930
1950.....	205,933	25	9,044	402,176	700	1,443,267	174,661	1,075,710
1951.....	214,220	58	15,176	568,961	700	1,845,205	224,304	1,320,397
1952.....	254,581	41	8,000	528,118	375	1,789,137	223,109	1,341,709
1953.....	289,772	40	4,000	497,016		1,592,318	181,541	1,226,469
1954.....	306,276	31	4,200	482,722		1,667,971	155,898	1,273,234
<b>Outstanding Dec. 31—</b>								
1932.....	1,128,564		9,865		158,885		82,518	
1933.....	1,232,707	70,738	15,211	18,697	157,752	27	134,225	27
1934.....	1,915,792	616,825	33,969	27,851	54,863	61,064	94,323	60,852
1935.....	2,071,925	794,726	2,731	50,013	44,433	104,706	47,162	93,910
1936.....	2,064,158	836,779	1,641	69,647	53,754	129,872	41,017	105,089
1937.....	2,035,307	812,749	1,813	87,633	30,982	165,194	40,464	137,349
1938.....	1,982,224	752,851	920	87,496	23,723	168,392	33,545	145,478
1939.....	1,904,655	690,880	1,835	76,252	20,547	165,236	33,354	153,674
1940.....	1,851,218	648,296	1,490	74,741	16,461	186,933	34,102	171,866
1941.....	1,764,398	596,802	2,152	113,444	16,914	226,017	39,222	187,497
1942.....	1,602,846	512,197	2,000	144,644	12,551	272,964	39,059	184,662
1943.....	1,357,937	406,190	2,000	235,174	7,351	308,671	35,778	198,734
1944.....	1,136,928	329,700	700	212,835	3,067	267,135	31,197	191,684
1945.....	1,027,587	228,397	2,042	157,545	2,693	241,879	27,870	198,886
1946.....	944,421	140,127	4,151	181,550	2,232	276,461	34,244	233,907
1947.....	869,425	103,195	4,000	274,777	2,603	334,087	42,909	293,608
1948.....	856,573	75,237	4,709	304,684	1,315	425,468	61,465	371,825
1949.....	899,475	56,726	2,400	301,887	1,365	423,038	57,941	392,280
1950.....	946,469	42,616	3,233	344,978	1,309	485,322	66,787	455,472
1951.....	997,573	31,882	4,000	423,952	1,451	611,472	83,441	567,619
1952.....	1,078,493	23,374	2,000	418,504	905	627,106	91,225	606,116
1953.....	1,179,889	17,265	500	372,110		545,181	69,173	550,416
1954.....	1,280,944	12,550	2,200	361,615		602,092	60,594	587,225

<sup>1</sup> Includes renewals.<sup>2</sup> Excludes advances in connection with Commodity Credit Corporation programs.<sup>3</sup> Interagency transactions which should be disregarded in obtaining combined totals.<sup>4</sup> Beginning 1948, represents refinancing of existing commissioner loans; lending authority of Land Bank Commissioner expired July 1, 1947.Source: Farm Credit Administration; *Semiannual Report on Loans and Discounts*, and records.

## No. 526.—FARM CREDIT SYSTEM—LOANS AND DISCOUNTS MADE: 1954

[In thousands of dollars. For year ending December 31. Data for lending institutions supervised by the Farm Credit Administration]

DISTRICT AND STATE	FARM MORTGAGE LOANS BY—		LOANS TO COOPERATIVES BY—		FEDERAL INTERMEDI- ATE CREDIT BANKS, LOANS TO AND DIS- COUNTS FOR <sup>2</sup> —		Produc- tion credit associa- tions <sup>2</sup>
	Federal land banks	Land Bank Commis- sioner <sup>1</sup>	Federal inter- mediate credit banks (direct) <sup>2</sup>	Banks for coop- eratives including central bank	Prod. credit assoc'ns and banks for co-ops. <sup>3</sup>	Other financing institu- tions	
<b>Total</b> .....	306,276	31	4,200	482,722	1,667,971	155,898	1,273,234
<b>District No. 1</b> .....	13,138		3,500	46,004	85,085	2,323	71,975
Maine.....	1,221			5,900	10,242	1,834	6,599
New Hampshire.....	486			70	1,146		1,022
Vermont.....	1,235			290	7,712		7,807
Massachusetts.....	1,194			33,227	5,022	242	3,906
Rhode Island.....	236				889		751
Connecticut.....	758			1,033	5,691		4,495
New York.....	5,890		3,500	4,701	46,042		40,718
New Jersey.....	2,118			784	8,341	247	6,677
<b>District No. 2</b> .....	14,814			19,085	85,423	2,653	67,712
Pennsylvania.....	4,819			7,532	24,026		19,999
Delaware.....	327				3,841		2,806
Maryland.....	1,560			1,078	18,354		14,816
District of Columbia.....				2,100			
Virginia.....	2,619			4,064	19,875	8	13,246
West Virginia.....	1,161			24	3,714		2,787
Puerto Rico.....	4,328			4,287	15,613	2,645	14,058
<b>District No. 3</b> .....	20,098			47,092	126,528	1,626	110,959
North Carolina.....	6,584			1,535	37,778	912	34,119
South Carolina.....	4,716			363	27,727	47	20,274
Georgia.....	6,392			24,532	34,929	87	32,537
Florida.....	2,406			20,662	26,094	580	24,029
<b>District No. 4</b> .....	25,393			17,229	177,199	4,564	140,664
Ohio.....	9,118			7,735	53,658	2,143	49,380
Indiana.....	8,250			6,444	63,258	1,210	54,020
Kentucky.....	4,074			904	37,626	35	19,631
Tennessee.....	3,951			2,146	22,657	1,176	17,633
<b>District No. 5</b> .....	20,104			17,257	95,664	19,858	94,063
Alabama.....	7,805			2,079	15,327	1,225	15,872
Mississippi.....	7,624			7,094	45,555	15,986	45,771
Louisiana.....	4,675			8,084	34,782	2,647	32,420
<b>District No. 6</b> .....	24,735			73,717	201,954	7,975	137,595
Illinois.....	14,053			13,053	77,200	1,912	64,011
Missouri.....	7,330			30,062	71,411	983	40,921
Arkansas.....	3,352			30,602	53,343	5,080	32,663
<b>District No. 7</b> .....	44,565			52,700	111,784	9,005	84,501
Michigan.....	10,516			9,872	16,916	5	13,924
Wisconsin.....	11,488			12,626	29,073	4,565	26,764
Minnesota.....	17,257			29,195	51,330	2,827	33,269
North Dakota.....	5,304			1,007	14,465	1,608	10,544
<b>District No. 8</b> .....	41,145	15		27,057	124,950	8,928	110,928
Iowa.....	17,360	8		21,069	50,342	2,357	44,777
South Dakota.....	8,504			1,748	24,025	1,699	22,514
Nebraska.....	12,650	6		4,161	36,343	1,041	31,733
Wyoming.....	2,631	1		79	14,240	3,831	11,904
<b>District No. 9</b> .....	25,167			50,462	113,600	15,172	90,444
Kansas.....	10,679			28,028	29,587	558	24,055
Oklahoma.....	5,818			20,097	30,061	6,620	21,194
Colorado.....	6,188			1,883	37,281	4,887	32,781
New Mexico.....	2,482			454	16,671	3,107	12,414
<b>District No. 10</b> .....	28,260			60,435	225,334	43,973	145,161
Texas.....	28,260			60,435	225,334	43,973	145,161
<b>District No. 11</b> .....	26,111		700	55,220	148,224	35,434	104,722
Arizona.....	1,526			323	10,088	13,008	8,847
Utah.....	2,422			4,975	14,768	5,415	13,081
Nevada.....	603			61	7,044	1,905	4,358
California.....	21,560		700	49,861	116,324	15,106	78,436
<b>District No. 12</b> .....	22,746	16		16,463	172,226	4,387	114,510
Montana.....	5,479	2		97	51,259	1,085	34,851
Idaho.....	7,465	8		1,072	44,744	303	33,575
Washington.....	4,844	4		5,295	34,680	1,321	14,543
Oregon.....	4,958	2		9,999	41,543	1,678	31,541

<sup>1</sup> Represents refinancing of existing commissioner loans; lending authority of Land Bank Commissioner expired July 1, 1947.

<sup>2</sup> Includes renewals.

<sup>3</sup> Interagency transactions which should be disregarded in obtaining combined totals.

Source: Farm Credit Administration; records.



## No. 527.—FARM CREDIT SYSTEM—LOANS AND DISCOUNTS OUTSTANDING: 1954

[In thousands of dollars. As of December 31. Data for lending institutions supervised by the Farm Credit Administration]

DISTRICT AND STATE	FARM MORTGAGE LOANS BY—		LOANS TO COOPERATIVES BY—		FEDERAL INTERMEDI- ATE CREDIT BANKS LOANS TO AND DIS- COUNTS FOR—		Pro- duc- tion credit associ- ations
	Federal land banks	Land Bank Commis- sioner	Federal inter- mediate credit banks (direct)	Banks for coop- eratives including central bank	Prod. credit assoc'ns. and banks for co-ops. <sup>1</sup>	Other financ- ing insti- tutions	
<b>Total</b> .....	<b>1,280,944</b>	<b>12,550</b>	<b>2,200</b>	<b>361,615</b>	<b>602,092</b>	<b>60,594</b>	<b>587,225</b>
<b>District No. 1</b> .....	<b>67,945</b>	<b>1,027</b>	<b>1,500</b>	<b>31,763</b>	<b>40,461</b>	<b>1,739</b>	<b>43,833</b>
Maine.....	4,092	74		2,481	4,844	1,462	5,050
New Hampshire.....	1,960	30		224	540		556
Vermont.....	8,073	45		549	4,420		4,830
Massachusetts.....	6,257	109		15,638	2,113	144	2,184
Rhode Island.....	916	28			445		469
Connecticut.....	4,687	123		371	2,623		2,860
New York.....	32,588	407	1,500	11,912	22,178		24,238
New Jersey.....	9,372	211		588	3,298	133	3,646
<b>District No. 2</b> .....	<b>58,700</b>	<b>907</b>		<b>23,696</b>	<b>41,085</b>	<b>2,318</b>	<b>43,126</b>
Pennsylvania.....	17,599	121		9,605	12,769		13,039
Delaware.....	1,108	8			1,530		1,623
Maryland.....	6,120	41		1,004	7,807		8,368
District of Columbia.....				1,875			
Virginia.....	10,922	85		9,077	7,487		7,964
West Virginia.....	4,693	48		56	1,858		1,904
Puerto Rico.....	18,258	604		2,079	9,634	2,318	10,228
<b>District No. 3</b> .....	<b>73,290</b>	<b>1,076</b>		<b>26,447</b>	<b>47,392</b>	<b>602</b>	<b>49,412</b>
North Carolina.....	22,320	270		2,013	8,753		9,500
South Carolina.....	16,138	247		432	8,678		8,370
Georgia.....	23,571	298		13,908	13,829	32	15,039
Florida.....	11,261	261		10,094	16,132	570	16,503
<b>District No. 4</b> .....	<b>91,335</b>	<b>346</b>		<b>24,115</b>	<b>81,742</b>	<b>2,508</b>	<b>79,700</b>
Ohio.....	29,811	77		8,547	29,499	1,484	30,188
Indiana.....	31,862	107		13,271	26,351	711	26,530
Kentucky.....	14,770	66		1,077	15,730	26	12,469
Tennessee.....	14,892	96		1,220	10,162	287	10,513
<b>District No. 5</b> .....	<b>71,757</b>	<b>468</b>		<b>15,710</b>	<b>30,058</b>	<b>5,029</b>	<b>31,441</b>
Alabama.....	29,016	158		2,361	6,154	855	6,878
Mississippi.....	27,198	166		7,649	10,857	3,592	12,336
Louisiana.....	15,543	144		5,700	13,047	582	12,227
<b>District No. 6</b> .....	<b>114,980</b>	<b>837</b>		<b>48,660</b>	<b>61,687</b>	<b>2,146</b>	<b>57,737</b>
Illinois.....	70,292	246		6,032	30,948	1,076	33,030
Missouri.....	31,001	398		19,768	25,481	335	17,576
Arkansas.....	13,687	193		22,860	5,258	735	7,131
<b>District No. 7</b> .....	<b>173,062</b>	<b>2,876</b>		<b>42,540</b>	<b>49,470</b>	<b>6,020</b>	<b>46,965</b>
Michigan.....	38,455	315		9,056	8,492	5	8,554
Wisconsin.....	46,651	1,005		5,957	15,999	3,152	16,044
Minnesota.....	68,782	741		26,257	19,384	1,841	16,593
North Dakota.....	19,174	815		1,270	5,595	1,022	5,774
<b>District No. 8</b> .....	<b>211,105</b>	<b>1,192</b>		<b>14,033</b>	<b>47,757</b>	<b>3,867</b>	<b>49,882</b>
Iowa.....	99,686	361		8,851	18,895	796	18,777
South Dakota.....	43,462	307		993	9,502	681	10,024
Nebraska.....	57,831	449		3,712	13,526	353	14,630
Wyoming.....	10,126	75		477	5,834	2,037	6,451
<b>District No. 9</b> .....	<b>102,092</b>	<b>591</b>		<b>53,000</b>	<b>41,896</b>	<b>6,366</b>	<b>44,241</b>
Kansas.....	45,283	216		32,117	10,156	251	10,770
Oklahoma.....	26,561	206		16,683	11,128	2,374	11,665
Colorado.....	21,898	81		3,687	15,381	2,181	16,275
New Mexico.....	8,350	88		513	5,231	1,560	5,531
<b>District No. 10</b> .....	<b>135,914</b>	<b>1,102</b>		<b>21,936</b>	<b>54,829</b>	<b>16,805</b>	<b>56,837</b>
Texas.....	135,914	1,102		21,936	54,829	16,805	56,837
<b>District No. 11</b> .....	<b>89,089</b>	<b>1,222</b>	<b>700</b>	<b>41,289</b>	<b>43,912</b>	<b>11,156</b>	<b>36,065</b>
Arizona.....	5,492	89		333	2,735	2,022	2,812
Utah.....	8,981	141		3,945	5,975	2,724	5,965
Nevada.....	1,902	14		89	2,135	1,067	2,232
California.....	72,714	978	700	36,922	33,067	5,343	25,056
<b>District No. 12</b> .....	<b>91,675</b>	<b>906</b>		<b>18,426</b>	<b>61,803</b>	<b>2,038</b>	<b>47,986</b>
Montana.....	20,024	268		227	16,443	506	15,000
Idaho.....	28,679	215		1,730	16,850	155	13,917
Washington.....	21,798	197		6,485	12,356	753	5,156
Oregon.....	21,174	226		9,984	16,154	624	13,913

<sup>1</sup> Interagency transactions which should be disregarded in obtaining combined totals.Source: Farm Credit Administration; *Semiannual Report on Loans and Discounts*, and records.

No. 528.—FARMERS HOME ADMINISTRATION—REAL-ESTATE AND NON-REAL-ESTATE  
LOANS TO INDIVIDUALS, BY STATES AND OTHER AREAS: 1954  
[In thousands of dollars. Includes loans made from corporation trust funds]

DIVISION, STATE, OR OTHER AREA	REAL-ESTATE LOANS <sup>1</sup>				NON-REAL-ESTATE LOANS						
	Direct farm ownership		Farm housing		Production and subsistence		Emergency		Special livestock		Emer- gency crop and feed loans out- stand- ing end of year
	Loans made <sup>2</sup>	Loans out- stand- ing end of year <sup>3</sup>	Loans made <sup>4</sup>	Loans out- stand- ing end of year	Loans made <sup>5</sup>	Loans out- stand- ing end of year <sup>6</sup>	Loans made <sup>7</sup>	Loans out- stand- ing end of year <sup>8</sup>	Loans made	Loans out- stand- ing end of year	
Total.....	19,580	198,919	3,494	77,177	147,815	350,100	60,894	42,436	27,690	28,151	16,359
N. E.	196	2,433	70	1,177	4,262	8,532	114	368	17	20	79
Maine.....	102	973	35	850	3,262	5,422	83	140	—	—	62
N. H.....	17	203	11	58	371	1,130	—	5	5	4	4
Vt.....	69	663	—	57	280	1,179	—	75	6	5	4
Mass.....	4	361	24	98	168	368	27	135	6	11	3
R. I.....	2	29	—	5	21	78	2	6	—	—	( <sup>9</sup> )
Conn.....	2	204	—	109	160	355	2	7	—	—	6
M. A.	432	6,324	230	2,691	7,130	18,892	253	479	161	149	101
N. Y.....	199	2,151	29	764	2,975	8,760	141	237	38	29	38
N. J.....	63	1,378	86	657	1,176	2,702	107	226	44	39	27
Pa.....	170	2,795	115	1,270	2,979	7,430	5	16	79	81	36
E. N. C.	1,563	17,283	469	5,835	14,911	37,632	297	666	195	124	385
Ohio.....	202	3,578	89	691	1,980	5,524	22	22	12	14	21
Ind.....	236	3,405	97	1,259	2,671	5,556	18	16	158	91	26
Ill.....	501	3,059	93	1,039	3,767	8,270	177	212	—	2	32
Mich.....	177	2,842	92	1,706	3,569	9,552	71	269	25	17	90
Wis.....	447	4,399	98	1,140	2,924	8,730	9	147	—	—	216
W. N. C.	3,826	37,838	686	9,913	28,401	67,540	11,916	5,921	3,184	2,776	7,657
Minn.....	589	6,599	87	1,054	4,131	11,054	1	52	20	14	350
Iowa.....	647	5,591	58	1,430	4,144	8,065	13	16	4	4	7
Mo.....	1,036	10,071	215	2,709	5,193	10,889	5,375	3,701	634	856	146
N. Dak.....	271	3,211	50	1,091	3,536	9,210	3,396	329	1	6	3,580
S. Dak.....	416	2,982	123	1,071	3,713	11,207	1,172	209	871	665	2,624
Nebr.....	483	4,021	39	1,329	3,368	7,493	( <sup>9</sup> )	30	88	84	188
Kans.....	384	5,363	114	1,229	4,316	9,622	1,959	1,584	1,566	1,147	762
S. A.	3,318	32,361	596	16,608	22,261	40,848	5,017	4,049	895	866	1,234
Del.....	37	196	—	16	64	292	7	8	—	—	16
Md.....	85	1,187	81	656	964	2,932	52	70	—	—	130
Va.....	436	2,920	140	1,860	1,687	3,300	347	331	131	140	223
W. Va.....	179	1,975	84	1,319	1,030	3,252	2	21	17	20	18
N. C.....	915	7,949	137	3,500	6,223	8,545	1,931	606	2	2	79
S. C.....	680	5,561	51	2,995	4,130	6,724	1,419	1,179	3	11	275
Ga.....	817	10,256	39	4,556	6,000	10,325	259	724	164	223	259
Fla.....	169	2,317	64	1,706	2,163	5,478	1,000	1,110	578	470	234
E. S. C.	3,173	34,856	618	12,794	13,854	30,446	3,907	3,598	241	259	410
Ky.....	532	2,907	150	1,938	2,121	6,043	767	782	54	56	28
Tenn.....	523	5,408	116	2,490	1,822	4,366	844	560	34	29	78
Ala.....	728	9,716	233	4,471	4,514	7,576	324	415	145	147	105
Miss.....	1,390	16,825	119	3,895	5,397	12,461	1,972	1,841	8	27	199
W. S. C.	1,922	36,782	321	14,305	26,403	71,958	35,616	22,081	11,181	13,235	2,373
Ark.....	457	8,784	66	2,540	4,356	11,755	6,118	2,625	326	527	352
La.....	410	5,961	29	2,602	4,312	7,415	767	350	21	58	356
Okla.....	243	7,794	137	3,916	5,257	18,060	2,023	2,060	1,566	2,137	164
Tex.....	812	14,243	89	5,247	12,478	34,728	26,708	17,046	9,268	10,513	1,501
Mt.	2,753	18,638	276	7,582	19,946	49,397	3,402	3,997	11,032	10,230	2,733
Mont.....	122	2,339	48	931	3,565	9,081	23	265	2,633	2,094	1,452
Idaho.....	1,420	5,592	24	1,720	4,695	9,479	69	200	689	484	88
Wyo.....	360	2,107	11	662	2,231	5,931	2	182	685	346	249
Colo.....	177	2,171	106	1,091	3,245	9,973	1,645	1,871	2,602	2,453	544
N. Mex.....	237	1,921	36	1,106	2,666	6,852	1,623	1,125	3,110	3,376	316
Ariz.....	116	1,113	23	582	1,839	3,156	36	33	397	447	37
Utah.....	268	2,957	27	1,340	1,504	4,241	2	171	573	456	42
Nev.....	53	438	1	150	201	684	2	150	343	574	5
Pac.	2,037	9,374	175	4,426	7,918	21,041	372	1,270	737	444	1,355
Wash.....	1,396	5,039	57	1,184	2,977	8,557	66	295	—	—	900
Oreg.....	333	2,505	32	1,040	1,503	3,908	79	214	321	158	192
Calif.....	308	1,830	86	2,202	3,438	8,576	227	761	416	286	263
Hawaii.....	43	608	22	693	205	444	—	4	31	32	1
P. R.....	202	2,199	18	1,088	2,439	3,144	—	—	16	16	6
Alaska.....	15	112	—	—	35	151	—	—	—	—	25
V. I.....	100	111	13	65	50	75	—	2	—	—	—

<sup>1</sup> Excludes insured mortgage farm ownership loans.

<sup>2</sup> Amount obligated for tenant purchase, farm enlargement, and farm development loans.

<sup>3</sup> Includes project liquidation loans. <sup>4</sup> Amount obligated.

<sup>5</sup> Includes soil and water conservation direct loans; excludes insured.

<sup>6</sup> Comprises soil and water conservation direct loans, rural rehabilitation, construction, and wartime adjustment loans.

<sup>7</sup> Production emergency, economic emergency, and fur loans.

<sup>8</sup> Production emergency, economic emergency, fur, orchard, flood damage, flood and windstorm restoration loans, and Regional Agricultural Credit Corporation loans, the latter having been made by Farm Credit Administration prior to transfer of funds to Farmers Home Administration on April 16, 1949.

<sup>9</sup> Less than \$500.

Source: Department of Agriculture, Farmers Home Administration.



### No. 529.—ALL SAVINGS AND LOAN ASSOCIATIONS—TOTAL NUMBER AND SELECTED FINANCIAL ITEMS: 1920 TO 1954

[Money figures in millions of dollars. Data cover continental United States, Alaska, Hawaii, Puerto Rico, and Guam. See also *Historical Statistics*, series H 114 and H 128-132]

END OF YEAR	Number of associations	Total assets	First mortgage loans outstanding	U. S. government and other securities	Savings capital—private	First mortgage pledged shares	General reserves and undivided profits	MORTGAGE LOANS MADE DURING YEAR			
								Total	New construction	Home purchase	Other purposes <sup>1</sup>
1920.....	8,633	2,520	(2)	(2)	1,741	(2)	(2)	(2)	(2)	(2)	(2)
1922.....	10,009	3,343	3,009	(2)	2,210	541	(2)	862	(2)	(2)	(2)
1925.....	12,403	5,509	5,085	(2)	3,811	881	(2)	1,620	(2)	(2)	(2)
1930.....	11,777	8,829	7,760	(2)	6,296	1,358	(2)	1,262	(2)	(2)	(2)
1935.....	10,266	5,875	3,947	(2)	4,254	655	(2)	564	(2)	(2)	(2)
1940.....	7,521	5,733	4,415	108	4,322	290	464	1,200	399	426	375
1945.....	6,149	8,747	5,521	2,456	7,365	145	645	1,913	181	1,358	374
1950.....	5,992	16,846	13,714	1,535	13,978	92	1,279	5,237	1,767	2,246	1,224
1951.....	5,995	19,164	15,610	1,671	16,073	90	1,453	5,250	1,657	2,357	1,236
1952.....	6,004	22,585	18,416	1,875	19,143	80	1,656	6,617	2,105	2,955	1,557
1953.....	6,012	26,638	21,957	2,018	22,778	75	1,895	7,767	2,475	3,488	1,804
1954 (prel.).....	6,030	31,680	26,215	2,125	27,259	73	2,198	8,969	3,076	3,846	2,047

<sup>1</sup> Comprises loans for repair, additions and alterations, refinancing, etc.

<sup>2</sup> Not available.

Source: Housing and Home Finance Agency, Home Loan Bank Board; annual study, *Trends in the Savings and Loan Field*.

### No. 530.—FEDERAL SAVINGS AND LOAN INSURANCE CORPORATION—SUMMARY OF INSURED INSTITUTIONS: 1948 TO 1954

[Money figures in thousands of dollars. As of December 31]

ITEM	1948	1949	1950	1951	1952	1953	1954 <sup>1</sup>
Number of associations.....	2,616	2,756	2,860	3,020	3,172	3,304	3,433
Total assets.....	9,714,561	11,278,155	13,644,166	16,145,828	19,581,551	23,497,980	28,367,000
First mortgage loans.....	7,777,308	9,022,016	11,152,747	13,191,167	16,031,389	19,444,021	23,564,000
Savings capital—private.....	8,254,709	9,699,525	11,359,433	13,619,359	16,680,254	20,184,217	24,529,000
Savings capital—U. S. Gov't.....	5,031	1,317	414				
Federal Home Loan Bank advances.....	447,243	388,427	743,383	744,056	810,888	895,886	834,000
Number of investors.....	6,122,000	7,076,000	8,111,000	9,354,000	10,806,000	12,323,000	13,773,000
Operations:							
New savings capital.....	3,217,139	3,687,942	4,543,291	5,666,877	7,102,680	8,662,333	10,371,540
Withdrawals.....	2,241,612	2,424,639	3,210,867	3,769,836	4,266,963	5,278,189	6,219,737
Mortgage loans made.....	2,754,577	2,886,670	4,351,928	4,500,600	5,847,555	6,984,201	8,175,786

<sup>1</sup> Preliminary.

Source: Housing and Home Finance Agency, Home Loan Bank Board.

### No. 531.—SAVINGS AND LOAN ASSOCIATIONS—FAILURES: 1920 TO 1953

[Money figures in thousands of dollars. Liabilities not available prior to 1930. See also *Historical Statistics*, series H 133-135]

YEAR	Number failed	Liabilities	Estimated loss	YEAR	Number failed	Liabilities	Estimated loss
1920.....	2		1	1940.....	129	69,560	6,744
1925.....	26		500	1941.....	44	8,576	1,052
1929.....	159		2,313	1942.....	18	8,919	1,789
1930.....	190	80,438	24,676	1943.....	11	1,484	261
1932.....	122	52,818	20,337	1944.....	5	2,503	155
1933.....	88	215,517	43,955	1945-46.....	0	0	0
1934.....	68	34,728	10,174	1947.....	1	92	0
1935.....	239	31,946	15,782	1948-49.....	0	0	0
1936.....	144	20,316	9,052	1950.....	1	50	0
1937.....	269	44,739	15,775	1951.....	0	0	0
1938.....	277	36,025	11,281	1952.....	0	0	0
1939.....	183	84,901	27,040	1953.....	0	0	0

Source: United States Savings and Loan League, Chicago, Ill.; *Annual Statistical Report*.

# No. 532.—ALL SAVINGS AND LOAN ASSOCIATIONS—TOTAL NUMBER AND SELECTED FINANCIAL ITEMS BY STATE AND OTHER AREA: 1953

[Money figures in thousands of dollars. As of December 31]

DISTRICT AND STATE OR OTHER AREA	Number of asso- ciations	Total assets	First mortgage loans outstanding	U. S. Gov- ernment and other securities	Savings capital— total	FHLB advances and other borrowed money	General reserves and un- divided profits
<b>United States</b> .....	<b>6, 012</b>	<b>26, 638, 227</b>	<b>21, 956, 859</b>	<b>2, 017, 672</b>	<b>22, 778, 491</b>	<b>1, 014, 237</b>	<b>1, 894, 844</b>
<b>No. 1 Boston</b> .....	<b>332</b>	<b>1, 873, 601</b>	<b>1, 562, 936</b>	<b>150, 138</b>	<b>1, 592, 143</b>	<b>63, 630</b>	<b>149, 247</b>
Connecticut.....	48	333, 955	277, 704	25, 744	288, 889	14, 085	20, 719
Maine.....	34	57, 107	49, 920	2, 957	44, 580	3, 151	7, 266
Massachusetts.....	206	1, 232, 196	1, 017, 511	106, 298	1, 041, 362	39, 382	100, 867
New Hampshire.....	26	79, 929	70, 961	3, 904	66, 620	5, 529	6, 484
Rhode Island.....	8	146, 411	126, 364	9, 294	129, 558	1, 124	11, 863
Vermont.....	10	24, 003	20, 476	1, 941	21, 134	359	2, 048
<b>No. 2 New York</b> .....	<b>721</b>	<b>3, 283, 549</b>	<b>2, 708, 990</b>	<b>270, 940</b>	<b>2, 880, 503</b>	<b>101, 313</b>	<b>216, 780</b>
New Jersey.....	484	1, 089, 739	885, 361	90, 562	959, 461	35, 367	69, 687
New York.....	236	2, 178, 728	1, 811, 099	180, 378	1, 908, 658	64, 946	146, 506
Puerto Rico.....	1	15, 082	12, 530	-----	12, 384	1, 000	587
<b>No. 3 Pittsburgh</b> .....	<b>951</b>	<b>1, 786, 518</b>	<b>1, 536, 679</b>	<b>79, 960</b>	<b>1, 495, 330</b>	<b>102, 322</b>	<b>132, 759</b>
Delaware.....	40	32, 411	29, 016	581	25, 985	3, 576	1, 394
Pennsylvania.....	875	1, 663, 198	1, 430, 719	73, 408	1, 392, 996	93, 648	123, 383
West Virginia.....	36	90, 909	76, 944	5, 971	76, 349	5, 098	7, 982
<b>No. 4 Greensboro</b> .....	<b>902</b>	<b>3, 639, 727</b>	<b>3, 103, 076</b>	<b>184, 977</b>	<b>3, 113, 550</b>	<b>158, 016</b>	<b>257, 865</b>
Alabama.....	30	127, 372	105, 648	7, 105	115, 919	1, 570	8, 870
District of Columbia.....	28	562, 660	502, 704	18, 410	475, 470	25, 837	44, 221
Florida.....	71	788, 906	634, 612	53, 887	678, 374	39, 497	49, 633
Georgia.....	77	433, 659	373, 665	20, 567	375, 958	12, 451	29, 960
Maryland.....	373	662, 106	562, 736	33, 047	538, 145	40, 602	51, 828
North Carolina.....	178	541, 354	471, 744	28, 342	473, 833	17, 689	35, 511
South Carolina.....	75	252, 505	218, 447	11, 798	222, 821	8, 864	15, 906
Virginia.....	70	271, 165	233, 520	11, 821	233, 030	11, 506	21, 936
<b>No. 5 Cincinnati</b> .....	<b>760</b>	<b>3, 741, 729</b>	<b>2, 899, 476</b>	<b>403, 612</b>	<b>3, 230, 832</b>	<b>70, 739</b>	<b>300, 724</b>
Kentucky.....	120	359, 096	305, 228	28, 906	313, 492	6, 739	30, 029
Ohio.....	601	3, 110, 598	2, 363, 709	356, 248	2, 676, 394	53, 455	254, 330
Tennessee.....	39	272, 035	230, 539	18, 458	240, 946	10, 545	16, 365
<b>No. 6 Indianapolis</b> .....	<b>304</b>	<b>1, 485, 370</b>	<b>1, 168, 686</b>	<b>129, 977</b>	<b>1, 295, 626</b>	<b>48, 612</b>	<b>113, 126</b>
Indiana.....	231	834, 632	655, 368	83, 875	723, 349	32, 718	66, 523
Michigan.....	73	650, 738	513, 318	46, 102	572, 277	15, 894	46, 603
<b>No. 7 Chicago</b> .....	<b>727</b>	<b>3, 042, 065</b>	<b>2, 487, 475</b>	<b>236, 931</b>	<b>2, 528, 639</b>	<b>154, 155</b>	<b>208, 040</b>
Illinois.....	573	2, 386, 958	1, 932, 157	186, 437	1, 978, 943	130, 387	162, 431
Wisconsin.....	154	655, 107	555, 318	50, 494	549, 696	23, 768	45, 609
<b>No. 8 Des Moines</b> .....	<b>344</b>	<b>1, 572, 888</b>	<b>1, 316, 191</b>	<b>110, 509</b>	<b>1, 360, 420</b>	<b>80, 949</b>	<b>91, 950</b>
Iowa.....	89	315, 480	256, 458	21, 548	269, 664	20, 582	18, 372
Minnesota.....	75	574, 864	478, 161	56, 068	507, 632	22, 186	31, 156
Missouri.....	153	585, 957	501, 885	25, 027	498, 229	34, 653	36, 839
North Dakota.....	14	73, 048	60, 274	6, 551	63, 830	2, 846	4, 265
South Dakota.....	13	23, 539	19, 413	1, 315	21, 065	682	1, 318
<b>No. 9 Little Rock</b> .....	<b>340</b>	<b>1, 341, 220</b>	<b>1, 123, 888</b>	<b>84, 087</b>	<b>1, 170, 359</b>	<b>46, 376</b>	<b>88, 805</b>
Arkansas.....	44	108, 459	93, 458	5, 666	96, 064	2, 417	7, 757
Louisiana.....	76	369, 041	319, 947	24, 219	311, 309	19, 730	29, 883
Mississippi.....	36	92, 121	76, 775	5, 045	82, 266	2, 523	5, 985
New Mexico.....	20	58, 161	48, 245	1, 918	51, 562	911	4, 250
Texas.....	164	713, 438	585, 463	47, 239	629, 158	20, 795	40, 930
<b>No. 10 Topeka</b> .....	<b>271</b>	<b>1, 071, 848</b>	<b>876, 525</b>	<b>103, 091</b>	<b>925, 794</b>	<b>24, 988</b>	<b>78, 933</b>
Colorado.....	52	252, 303	199, 726	25, 536	218, 937	5, 521	17, 698
Kansas.....	103	331, 196	278, 734	23, 836	276, 261	14, 725	22, 444
Nebraska.....	56	181, 395	136, 222	33, 166	156, 002	1, 570	15, 616
Oklahoma.....	60	306, 954	261, 843	20, 553	274, 594	3, 172	23, 175
<b>No. 11 San Francisco</b> .....	<b>360</b>	<b>3, 799, 712</b>	<b>3, 172, 937</b>	<b>263, 450</b>	<b>3, 185, 295</b>	<b>163, 137</b>	<b>256, 615</b>
Alaska.....	1	2, 071	1, 529	350	1, 442	337	140
Arizona.....	7	73, 883	59, 041	5, 430	60, 377	4, 812	3, 965
California.....	197	2, 702, 580	2, 313, 965	138, 436	2, 227, 119	135, 889	184, 600
Hawaii.....	7	43, 882	37, 640	2, 212	37, 820	1, 530	3, 249
Idaho.....	10	55, 264	43, 557	5, 690	47, 912	1, 954	4, 034
Montana.....	19	51, 209	40, 728	6, 009	46, 655	226	3, 408
Nevada.....	4	11, 398	8, 999	1, 011	9, 885	13	908
Oregon.....	26	184, 377	146, 183	20, 172	158, 312	8, 697	10, 724
Utah.....	19	135, 110	107, 079	10, 084	114, 699	3, 801	9, 634
Washington.....	60	506, 583	387, 116	71, 155	451, 898	5, 620	33, 229
Wyoming.....	10	33, 355	27, 100	2, 901	29, 176	258	2, 724

Source: Housing and Home Finance Agency, Home Loan Bank Board; annual study, *Trends in the Savings and Loan Field*.



# No. 533.—INVESTMENTS OF INDIVIDUALS IN SAVINGS ACCOUNTS, U. S. SAVINGS BONDS AND LIFE INSURANCE RESERVES: 1920 TO 1954

[In millions of dollars]

DECEMBER 31—	Total	SAVINGS ACCOUNTS					U. S. savings bonds <sup>6</sup>	Life insurance reserves <sup>7</sup>	Net increase during year
		Savings and loan assns. <sup>1</sup>	Mutual savings banks <sup>2</sup>	Commercial banks <sup>3</sup>	Postal savings <sup>4</sup>	Credit unions <sup>5</sup>			
1920.....	23,515	1,741	4,806	10,546	166	7	761	5,488	-----
1925.....	36,599	3,811	7,349	16,314	138	19	376	8,592	3,220
1929.....	47,206	6,237	8,797	19,165	169	37	-----	12,801	1,347
1930.....	48,304	6,296	9,384	18,647	250	37	-----	13,690	1,098
1933.....	41,113	4,750	9,506	10,979	1,229	36	-----	14,613	-1,470
1935.....	45,614	4,254	9,829	12,899	1,229	47	153	17,203	2,533
1940.....	59,383	4,322	10,618	15,403	1,342	235	2,800	24,663	3,499
1945.....	136,448	7,365	15,332	29,929	3,013	400	42,900	37,509	19,749
1948.....	163,334	10,964	18,385	34,970	3,442	634	47,800	47,139	7,061
1949.....	170,463	12,471	19,269	35,145	3,302	745	49,300	50,231	7,129
1950.....	176,346	13,978	20,002	35,200	3,035	901	49,600	53,630	5,883
1951.....	183,675	16,073	20,880	36,592	2,808	1,082	49,100	57,140	7,329
1952.....	195,398	19,143	22,578	39,331	2,650	1,356	49,200	61,140	11,723
1953.....	207,731	22,778	24,345	42,001	2,466	1,691	49,300	65,150	12,333
1954 (prel.).....	221,960	27,259	26,285	44,746	2,240	2,030	49,900	69,500	14,229

<sup>1</sup> Comprises savings accounts, deposits, and investment securities. Excludes shares pledged against mortgage loans or investments by U. S. Government. Source: Home Loan Bank Board.

<sup>2</sup> Time deposits. Source: Comptroller of the Currency, 1920-27; National Association of Mutual Savings Banks, 1928-47; and Federal Deposit Insurance Corporation (time deposits of individuals, partnerships and corporations), 1948 to date.

<sup>3</sup> Time deposits of individuals, partnerships, and corporations. Source: Comptroller of the Currency, 1920-47; and Federal Deposit Insurance Corporation, 1948 to date.

<sup>4</sup> Due depositors: Outstanding principal and accrued interest on certificates of deposits, outstanding savings stamps, and unclaimed deposits. Source: Post Office Department.

<sup>5</sup> Share capital and members' deposits. Source: Bureau of Federal Credit Unions, Department of Health, Education, and Welfare.

<sup>6</sup> Current redemption value of savings held by individuals at year-end: War Savings Securities, 1920-28; and U. S. Savings Bonds, 1935 to date. Excludes holdings of corporations, unincorporated businesses, pension funds, etc. Source: U. S. Treasury Department.

<sup>7</sup> Accumulations in U. S. legal reserve life insurance companies include reserves plus dividends left to accumulate, minus premium notes and policy loans. Source: Institute of Life Insurance.

Source: Housing and Home Finance Agency, Home Loan Bank Board.

## No. 534.—SAVING BY INDIVIDUALS IN THE UNITED STATES: 1945 TO 1954

[In billions of dollars. Includes unincorporated business savings of types specified but excludes corporate or Government saving. Current data are necessarily estimates and therefore subject to revision]

TYPE	1945	1947	1948	1949	1950	1951	1952	1953	1954
Gross saving, total.....	47.1	34.2	34.3	34.8	43.6	50.0	51.4	53.8	54.7
Liquid saving, total.....	37.4	6.7	3.0	2.9	1.8	11.3	13.0	11.8	11.7
Currency and bank deposits.....	19.1	2.0	-1.8	-1.5	3.6	6.0	6.8	4.8	6.8
Savings and loan associations.....	1.1	1.2	1.2	1.5	1.5	2.1	3.1	3.6	4.5
Insurance and pension reserves.....	8.6	7.1	7.3	6.1	5.0	8.3	9.2	8.5	7.9
Private insurance.....	3.5	3.6	3.7	3.7	3.9	4.1	4.9	5.2	5.3
Government insurance.....	5.1	3.5	3.6	2.3	1.1	4.2	4.3	3.3	2.6
Securities, total <sup>1</sup> .....	9.4	3.5	3.2	3.0	2.0	2.1	4.0	5.1	1.4
U. S. savings bonds.....	6.9	1.8	2.1	1.5	.6	-5	.1	.3	.8
Other U. S. Government <sup>2</sup> .....	3.6	.5	-1.5	-.1	-.6	-.5	(3)	.3	-2.6
State and local government.....	-.2	.4	1.1	.6	.7	.5	.8	2.0	.7
Corporate and other.....	-.9	.8	1.5	1.0	1.4	2.6	3.1	2.5	2.5
Liquidation of mortgage debt <sup>4</sup> .....	-.2	-4.5	-4.6	-3.9	-7.2	-6.5	-6.3	-7.0	-8.6
Liquidation of debt not elsewhere classified <sup>5</sup> .....	-.5	-2.7	-2.3	-2.4	-3.2	-.5	-3.8	-3.2	-.4
Nonfarm dwellings <sup>6</sup> .....	1.2	6.2	8.5	8.1	12.6	11.5	11.6	12.3	14.1
Other durable consumers' goods <sup>7</sup> .....	8.5	21.4	22.9	23.8	29.2	27.1	26.8	29.7	28.9

<sup>1</sup> After deducting change in bank loans made for purpose of purchasing or carrying securities.

<sup>2</sup> Includes Armed Forces leave bonds. <sup>3</sup> Less than \$50,000,000.

<sup>4</sup> Mortgage debt to institutions on 1- to 4-family nonfarm dwellings.

<sup>5</sup> Largely attributable to purchases of automobiles and other durable consumers' goods, although including some debt arising from purchases of consumption goods. Other segments of individuals' debt have been allocated to assets to which they pertain, viz., saving in insurance and securities.

<sup>6</sup> Construction of 1- to 4-family nonfarm dwellings less net acquisition of properties by nonindividuals. Also includes small amount of construction by nonprofit institutions.

<sup>7</sup> Consumer expenditures on durable goods as estimated by Department of Commerce.

Source: Securities and Exchange Commission; data are published quarterly in a special release and in the *Statistical Bulletin*.

## No. 535.—LIQUID ASSET HOLDINGS OF INDIVIDUALS AND BUSINESSES: 1939 TO 1953

[In billions of dollars. Data estimated as of December. Figures have been revised to incorporate improved methodology and changes in basic sources. There are no significant changes in the level of the estimates but there is improvement in year-to-year changes in the figures]

TYPE OF HOLDER	1939	1945	1946	1947	1948	1949	1950	1951	1952	1953 (prel.)
<b>Total <sup>1</sup></b>	68.9	227.9	231.4	236.9	238.2	242.6	249.9	259.1	269.2	279.5
Currency	5.6	24.7	24.9	24.6	24.2	23.5	23.5	24.4	25.5	25.8
Demand deposits <sup>2</sup>	21.0	60.7	65.2	66.9	65.3	64.7	67.3	71.9	74.2	73.6
Time deposits	26.2	47.6	52.9	55.1	55.9	56.8	57.2	59.3	63.5	67.8
Savings and loan shares <sup>3</sup>	4.0	7.2	8.3	9.6	10.7	12.2	13.7	15.8	18.7	22.3
U. S. Government securities <sup>4</sup>	12.1	87.7	80.1	80.7	82.1	85.4	88.2	87.7	87.3	90.0
<b>Business holdings, total</b>	19.5	73.8	66.9	65.3	65.2	67.4	71.0	74.4	75.7	78.0
Currency	1.6	4.5	4.6	4.6	4.6	4.6	4.7	5.0	5.1	5.2
Demand deposits	12.5	34.4	34.4	34.8	34.5	35.0	36.1	38.5	39.7	39.7
Time deposits	2.0	3.1	3.4	3.5	3.5	3.5	3.6	3.7	3.9	4.1
Savings and loan shares	.1	.2	.3	.3	.3	.4	.4	.5	.7	.8
U. S. Government securities	3.3	31.6	24.2	22.1	22.3	23.9	26.2	26.7	26.3	28.2
<b>Corporations, total</b>	13.1	47.4	40.5	39.8	41.0	43.4	46.9	49.4	51.0	52.2
Currency	.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.3	2.3
Demand deposits	9.4	22.7	22.5	23.0	23.4	23.8	24.4	25.9	27.5	27.4
Time deposits	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
Savings and loan shares		.1	.1	.1	.1	.1	.1	.2	.3	.3
U. S. Government securities	2.2	22.0	15.3	14.1	14.8	16.8	19.7	20.5	20.2	21.5
<b>Financial corporations, total <sup>5</sup></b>	1.7	4.8	4.4	4.3	4.5	5.3	5.5	5.8	6.3	6.0
Demand deposits	1.1	2.0	2.1	2.2	2.2	2.4	2.6	2.7	2.9	2.9
Time deposits	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
U. S. Government securities	.5	2.7	2.2	2.0	2.2	2.8	2.8	3.0	3.3	3.0
<b>Nonfinancial corporations, total</b>	11.4	42.6	36.1	35.5	36.5	38.1	41.4	43.6	44.7	46.2
Currency	.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.3	2.3
Demand deposits	8.3	20.7	20.4	20.8	21.2	21.4	21.8	23.2	24.6	24.5
Time deposits	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
Savings and loan shares		.1	.1	.1	.1	.1	.1	.2	.3	.3
U. S. Government securities	1.7	19.3	13.1	12.1	12.6	14.0	16.9	17.5	16.9	18.5
<b>Unincorporated business, total</b>	6.4	26.4	26.4	25.5	24.2	24.0	24.1	25.0	24.7	25.8
Currency	.8	2.6	2.7	2.7	2.6	2.6	2.7	2.9	2.8	2.9
Demand deposits	3.1	11.7	11.9	11.8	11.1	11.2	11.7	12.6	12.2	12.3
Time deposits	1.3	2.4	2.7	2.8	2.8	2.8	2.9	3.0	3.2	3.4
Savings and loan shares	.1	.1	.2	.2	.2	.3	.3	.3	.4	.5
U. S. Government securities	1.1	9.6	8.9	8.0	7.5	7.1	6.5	6.2	6.1	6.7
<b>Personal holdings, total</b>	49.4	154.1	164.5	171.6	173.0	175.2	178.9	184.7	193.5	201.5
Currency	4.0	20.2	20.3	20.0	19.6	18.9	18.8	19.4	20.4	20.6
Demand deposits	8.5	26.3	30.8	32.1	30.8	29.7	31.2	33.4	34.5	33.9
Time deposits	24.2	44.5	49.5	51.6	52.4	53.3	53.6	55.6	59.6	63.7
Savings and loan shares	3.9	7.0	8.0	9.3	10.4	11.8	13.3	15.3	18.0	21.5
U. S. Government securities	8.8	56.1	55.9	58.6	59.8	61.5	62.0	61.0	61.0	61.8
<b>Trust funds, total <sup>6</sup></b>	4.5	15.9	19.4	21.6	22.9	23.9	26.5	28.2	30.2	32.2
Demand deposits	1.2	1.6	1.7	1.6	1.6	1.5	1.6	1.5	1.5	1.6
Time deposits	.2	.2	.3	.3	.5	.5	.8	1.0	1.0	1.0
Savings and loan shares		.1	.2	.2	.2	.2	.3	.4	.4	.6
U. S. Government securities	3.1	14.0	17.2	19.5	20.6	21.7	23.8	25.3	27.3	29.0
<b>Other personal, total <sup>7</sup></b>	44.9	138.2	145.1	150.0	150.1	151.3	152.4	156.5	163.3	169.3
Currency	4.0	20.2	20.3	20.0	19.6	18.9	18.8	19.4	20.4	20.6
Demand deposits	7.3	24.7	29.1	30.5	29.2	28.2	29.6	31.9	33.0	32.3
Time deposits	24.0	44.3	49.2	51.3	51.9	52.8	52.8	54.6	58.6	62.7
Savings and loan shares	3.9	6.9	7.8	9.1	10.2	11.6	13.0	14.9	17.6	20.9
U. S. Government securities	5.7	42.1	38.7	39.1	39.2	39.8	38.2	35.7	33.7	32.8

<sup>1</sup> Excludes figures for holdings of banks, insurance companies, savings and loan associations, nonprofit associations, foreigners, and governmental bodies and agencies.

<sup>2</sup> Estimates of demand deposit balances as they might appear on the records of depositors. They differ from figures based on bank records such as given in regular banking statistics. Depositor-record estimates are lower than bank-record estimates; for example, total demand deposits as of Dec. 31, 1953, on a holder-record basis (see table) amounted to 73.6 billion dollars while on a bank-record basis these deposits amount to 92.1 billion.

<sup>3</sup> Private share capital in all operating savings and loan associations including private repurchasable shares, deposits, and investment certificates.

<sup>4</sup> Includes outstanding amounts of excess profits tax refund bonds beginning December 1945, and Armed Forces leave bonds beginning December 1947.

<sup>5</sup> Comprises real estate companies, finance and credit companies, insurance agencies (not carriers), investment trusts, security brokers and dealers, holding companies not otherwise classified, etc.

<sup>6</sup> Comprises only amounts administered by corporate trustees.

<sup>7</sup> Comprises holdings of farmers and professional persons.

Source: Board of Governors of the Federal Reserve System. Published each year in *Federal Reserve Bulletin*, for July.



## No. 536.—POSTAL SAVINGS BUSINESS—SUMMARY: 1930 TO 1954

[As of June 30. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. See also *Historical Statistics*, series N 109-113]

ITEM	1930	1935	1940	1945	1950	1953	1954
Depositories in operation, total.....	6,795	8,111	7,980	8,050	8,235	8,247	7,872
Offices.....	5,998	7,301	7,172	7,162	7,215	7,181	6,816
Branches and stations.....	797	810	808	888	1,020	1,066	1,056
Deposits.....\$1,000.....	159,959	944,960	923,266	1,739,341	1,827,913	1,342,675	1,197,325
Withdrawals.....\$1,000.....	138,332	938,017	892,149	1,113,902	2,007,999	1,502,691	1,403,454
Balance to credit of depositors <sup>1</sup> \$1,000.....	175,272	1,204,863	1,293,409	2,659,575	3,097,316	2,457,548	2,251,419
Increase or decrease:							
Amount.....\$1,000.....	21,627	6,943	31,117	625,438	-180,086	-160,016	-206,129
Percent.....	14.1	.6	2.5	30.7	-5.5	-6.1	-8.4
Number of depositors <sup>1</sup> .....	466,401	2,598,391	2,816,408	3,921,937	3,779,784	3,162,176	2,934,795
Average principal per depositor.....	\$376	\$463	\$459	\$678	\$819	\$777	\$767
Balance on deposit in banks...\$1,000.....	148,255	384,510	43,132	7,904	9,507	33,047	30,664

<sup>1</sup> Includes account shown on balance sheet as unclaimed.

Source: Post Office Department, Office of the Postmaster General; *Annual Report of the Postmaster General*.

## No. 537.—STATE-CHARTERED AND FEDERALLY CHARTERED CREDIT UNIONS—SUMMARY: 1937 TO 1953

[Data for State-chartered unions as furnished by State officials charged with supervision of State credit unions to the Bureau of Federal Credit Unions, the agency responsible for supervising Federally chartered credit unions]

YEAR	CREDIT UNIONS REPORTING <sup>1</sup>			MEMBERS (1,000)			AMOUNTS OF LOANS OUTSTANDING AT END OF YEAR (\$1,000,000)			ASSETS (\$1,000,000)		
	Total	State	Federal	Total	State	Federal	Total	State	Federal	Total	State	Federal
1937.....	5,424	3,128	2,296	1,538	1,056	482	78.0	62.3	15.7	116.3	97.1	19.2
1938.....	6,730	3,977	2,753	1,868	1,237	631	108.0	84.1	23.8	147.3	117.7	29.6
1939.....	7,849	4,677	3,172	2,309	1,459	850	149.0	111.3	37.7	193.6	145.8	47.8
1940.....	8,914	5,175	3,739	2,827	1,700	1,126	190.5	134.7	55.8	253.1	180.6	72.5
1941.....	9,650	5,506	4,144	3,304	1,908	1,397	219.9	150.6	69.2	322.2	216.6	105.7
1942.....	9,470	5,400	4,070	3,145	1,797	1,348	148.8	105.9	42.9	340.3	221.1	119.2
1943.....	8,983	5,124	3,859	3,024	1,721	1,302	122.5	87.2	35.2	355.3	228.3	126.9
1944.....	8,702	4,907	3,795	2,934	1,630	1,304	121.0	86.6	34.4	397.9	253.7	144.3
1945.....	8,615	4,858	3,757	2,843	1,626	1,217	126.3	91.1	35.2	434.6	281.5	153.1
1946.....	8,715	4,954	3,761	3,020	1,718	1,302	187.5	130.7	56.8	495.2	322.1	173.2
1947.....	8,942	5,097	3,845	3,340	1,894	1,446	279.9	188.6	91.4	591.1	380.8	210.4
1948.....	9,329	5,271	4,058	3,749	2,121	1,628	398.4	260.7	137.6	701.5	443.0	258.4
1949.....	9,897	5,402	4,495	4,091	2,271	1,820	515.6	329.4	186.2	827.1	510.7	316.4
1950.....	10,569	5,585	4,984	4,609	2,483	2,127	679.9	416.1	263.7	1,005.0	599.2	405.8
1951.....	11,284	5,886	5,398	5,196	2,732	2,464	747.1	447.3	299.8	1,198.3	693.6	504.7
1952.....	12,249	6,324	5,925	5,888	3,035	2,853	985.0	570.0	415.1	1,516.1	853.7	662.4
1953.....	13,564	6,986	6,578	6,636	3,380	3,255	1,307.5	733.5	574.0	1,895.1	1,040.9	854.2

<sup>1</sup> Does not represent total number of credit unions chartered; reports are not received from all credit unions in operation, and some credit unions are inactive. From 1945 to 1953 the number of Federal credit unions reporting is the same as the number in operation.

Source: Department of Health, Education, and Welfare, Social Security Administration; *Report of Operations, Federal Credit Unions*, and *Social Security Bulletin*.

# No. 538.—SHORT- AND INTERMEDIATE-TERM CONSUMER CREDIT, BY MAJOR PARTS: 1939 TO 1954

[In millions of dollars. Estimated amounts outstanding]

END OF YEAR	Total	INSTALLMENT CREDIT					NONINSTALLMENT CREDIT			
		Total	Auto- mobile paper <sup>1</sup>	Other con- sumer goods paper <sup>1</sup>	Repair and mod- erniza- tion loans <sup>2</sup>	Per- sonal loans	Total	Single- pay- ment loans	Charge ac- counts	Service credit
1939.....	7,222	4,503	1,497	1,620	298	1,088	2,719	787	1,414	518
1940.....	8,338	5,514	2,071	1,827	371	1,245	2,824	800	1,471	553
1941.....	9,172	6,085	2,458	1,929	376	1,322	3,087	845	1,645	597
1942.....	5,983	3,166	742	1,195	255	974	2,817	713	1,444	660
1943.....	4,901	2,136	355	819	130	832	2,765	613	1,440	712
1944.....	5,111	2,176	397	791	119	869	2,935	624	1,517	794
1945.....	5,665	2,462	455	816	182	1,009	3,203	746	1,612	845
1946.....	8,384	4,172	981	1,290	405	1,496	4,212	1,122	2,076	1,014
1947.....	11,570	6,695	1,924	2,143	718	1,910	4,875	1,356	2,353	1,166
1948.....	14,411	8,968	3,054	2,842	843	2,229	5,443	1,445	2,713	1,285
1949.....	17,104	11,516	4,699	3,486	887	2,444	5,588	1,532	2,680	1,376
1950.....	20,813	14,490	6,342	4,337	1,006	2,805	6,323	1,821	3,006	1,496
1951.....	21,468	14,837	6,242	4,270	1,090	3,235	6,631	1,934	3,096	1,601
1952.....	25,827	18,684	8,099	5,328	1,406	3,851	7,143	2,094	3,342	1,707
1953.....	29,537	22,187	10,341	5,831	1,649	4,366	7,350	2,219	3,411	1,720
1954.....	30,125	22,467	10,396	5,668	1,616	4,787	7,658	2,420	3,518	1,720

<sup>1</sup> Comprises credit for purchases (which may be used in part for business), whether held by retail outlets or financial institutions and secured by item purchased.

<sup>2</sup> Comprises only repair and modernization loans held by financial institutions; such loans held by retail outlets are included in "Other consumer goods paper."

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

# No. 539.—CONSUMER INSTALLMENT CREDIT, BY HOLDER: 1939 TO 1954

[In millions of dollars. Estimated amounts outstanding]

END OF YEAR	Total install- ment credit	FINANCIAL INSTITUTIONS					RETAIL OUTLETS					
		Total	Com- mer- cial banks	Sales finance com- panies	Credit unions	Other	Total	De- part- ment stores <sup>1</sup>	Furni- ture stores	House- hold appli- ance stores	Auto- mobile deal- ers <sup>2</sup>	Other
1939.....	4,503	3,065	1,079	1,197	132	657	1,438	354	439	183	123	339
1940.....	5,514	3,918	1,452	1,575	171	720	1,596	394	474	196	167	365
1941.....	6,085	4,480	1,726	1,797	198	759	1,605	320	496	206	188	395
1942.....	3,166	2,176	862	588	128	598	990	181	331	111	53	314
1943.....	2,136	1,413	532	252	103	526	723	127	235	37	31	293
1944.....	2,176	1,486	574	262	99	551	690	127	230	19	33	281
1945.....	2,462	1,776	745	300	102	629	686	131	240	17	28	270
1946.....	4,172	3,235	1,567	677	151	840	937	209	319	38	47	324
1947.....	6,695	5,255	2,625	1,355	235	1,040	1,440	379	474	79	101	407
1948.....	8,968	7,092	3,529	1,990	334	1,239	1,876	470	604	127	159	516
1949.....	11,516	9,247	4,439	2,950	438	1,420	2,269	595	724	168	239	543
1950.....	14,490	11,820	5,798	3,785	590	1,647	2,670	743	791	239	284	613
1951.....	14,837	12,077	5,771	3,769	635	1,902	2,760	920	760	207	255	618
1952.....	18,684	15,410	7,524	4,833	837	2,216	3,274	1,117	866	244	308	739
1953.....	22,187	18,758	8,998	6,147	1,124	2,489	3,429	1,040	903	291	380	815
1954.....	22,467	18,935	8,633	6,421	1,293	2,588	3,532	1,201	890	293	394	754

<sup>1</sup> Includes mail-order houses.

<sup>2</sup> Comprises automobile paper; other installment credit held by automobile dealers is included with "Other" retail outlets.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.



# No. 540.—CONSUMER INSTALLMENT CREDIT, BY HOLDER AND TYPE OF CREDIT: 1940 TO 1954

[In millions of dollars. Estimated amounts outstanding]

HOLDER AND TYPE OF CREDIT	1940	1945	1948	1949	1950	1951	1952	1953	1954
<b>Held by commercial banks</b> -----	1,452	745	3,529	4,439	5,798	5,771	7,524	8,998	8,633
Automobile paper-----	615	209	1,328	1,795	2,471	2,446	3,262	4,082	3,843
Purchased-----	339	66	575	849	1,177	1,135	1,633	2,215	2,198
Direct-----	276	143	753	946	1,294	1,311	1,629	1,867	1,645
Other consumer goods paper-----	232	114	794	1,016	1,456	1,315	1,751	2,078	1,839
Repair and modernization loans-----	165	110	568	715	834	888	1,137	1,317	1,275
Personal loans-----	440	312	839	913	1,037	1,122	1,374	1,521	1,676
<b>Held by sales finance companies</b> -----	1,575	300	1,990	2,950	3,785	3,769	4,833	6,147	6,421
Automobile paper-----	1,187	164	1,378	2,425	3,257	3,183	4,072	5,306	5,563
Other consumer goods paper-----	136	24	232	303	313	241	332	367	351
Repair and modernization loans-----	190	58	216	83	57	70	82	83	81
Personal loans-----	62	54	164	139	158	275	347	391	426
<b>Held by other financial institutions</b> -----	891	731	1,573	1,858	2,237	2,537	3,053	3,613	3,881
Automobile paper-----	102	54	189	240	330	358	457	573	596
Other consumer goods paper-----	30	20	99	137	182	209	279	337	340
Repair and modernization loans-----	16	14	59	89	115	132	187	249	260
Personal loans-----	743	643	1,226	1,392	1,610	1,838	2,130	2,454	2,685

# No. 541.—CONSUMER INSTALLMENT CREDIT EXTENDED AND REPAID, BY TYPE OF CREDIT: 1940 TO 1954

[In millions of dollars. Estimates based on information from accounting records of retail outlets and financial institutions and comprise finance, insurance, and other charges incurred under the installment contract]

TYPE OF CREDIT	1940	1945	1948	1949	1950	1951	1952	1953	1954
<b>EXTENDED</b>									
<b>Total</b> -----	8,219	5,379	15,540	18,002	21,256	22,791	28,397	30,321	29,304
Automobile paper-----	3,086	999	5,280	7,182	8,928	9,362	12,306	13,621	12,532
Other consumer goods paper-----	2,588	2,024	5,280	5,533	6,458	6,518	7,959	8,014	7,700
Repair and modernization loans-----	328	206	702	721	826	853	1,243	1,387	1,245
Personal loans-----	2,217	2,150	4,278	4,566	5,044	6,058	6,889	7,299	7,827
<b>REPAID</b>									
<b>Total</b> -----	7,208	5,093	13,267	15,454	18,282	22,444	24,550	26,818	29,024
Automobile paper-----	2,512	941	4,150	5,537	7,285	9,462	10,449	11,379	12,477
Other consumer goods paper-----	2,381	1,999	4,581	4,889	5,607	6,585	6,901	7,511	7,863
Repair and modernization loans-----	255	143	577	677	707	769	927	1,144	1,278
Personal loans-----	2,060	2,010	3,959	4,351	4,683	5,628	6,273	6,784	7,496

Source of tables 540 and 541: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

# No. 542.—MONEY MARKET RATES: 1890 TO 1954

[Percent per annum. See also *Historical Statistics*, series N 185-187, for data on prime commercial paper, stock exchange time loans, and call loan renewals]

YEARLY AVERAGE	Prime commercial paper, 4 to 6 months <sup>1</sup>	Finance company paper placed directly, 3 to 6 months <sup>2</sup>	Prime bankers' accept- ances, 90 days <sup>1</sup>	Stock exchange time loans, 90 days <sup>1</sup>	Stock exchange call loan renewals <sup>2</sup>	U. S. GOVERNMENT SECURITIES (TAXABLE)			
						3-month bills		9- to 12- month issues <sup>4</sup>	3- to 5- year issues <sup>5</sup>
						Market yield	Rate on new issues <sup>3</sup>		
1890-----	6.91			5.31	5.84				
1900-----	5.71			3.94	2.94				
1910-----	5.72			4.03	2.98				
1920-----	7.50		6.06	8.06	7.74				
1930-----	3.59		2.48	3.26	2.94				
1940-----	0.56	0.75	0.44	1.25	1.00		0.014		
1945-----	0.75	0.63	0.44	1.25	1.00		0.375	0.81	1.18
1950-----	1.45	1.41	1.15	1.63	1.63	1.20	1.218	1.26	1.50
1951-----	2.16	1.87	1.60	2.29	2.17	1.52	1.552	1.73	1.93
1952-----	2.33	2.16	1.75	2.59	2.48	1.72	1.766	1.81	2.13
1953-----	2.52	2.33	1.87	2.97	3.06	1.90	1.931	2.07	2.57
1954-----	1.58	1.41	1.35	2.93	3.05	0.94	0.953	0.92	1.82

<sup>1</sup> Beginning with January 1941, data are averages of daily prevailing rates. Prior to that time data are averages of weekly prevailing rates.<sup>2</sup> Data are averages of daily prevailing rates. <sup>3</sup> Tax-exempt bills prior to March 1941.<sup>4</sup> Comprises certificates of indebtedness and selected note and bond issues.<sup>5</sup> Comprises selected note and bond issues.Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin* and records.

No. 543.—BUSINESS LOAN RATES—AVERAGES OF INTEREST RATES CHARGED ON SHORT-TERM LOANS TO BUSINESSES, BY BANKS IN SELECTED CITIES AND BY SIZE OF LOAN: 1940 TO 1954

[Percent per annum. Estimates based on statistics reported by large banks in 19 leading cities. Short-term loans comprise loans maturing in one year or less. "Interest rate," as used here, includes discount rates. See also *Historical Statistics*, series N 188-191]

YEAR	Total, 19 cities	New York City	7 other Northern and Eastern cities	11 South- ern and Western cities	SIZE OF LOAN			
					\$1,000 to \$10,000	\$10,000 to \$100,000	\$100,000 to \$200,000	\$200,000 and over
1940.....	2.1	1.8	2.0	2.5	4.3	3.0	2.0	1.8
1945.....	2.2	2.0	2.5	2.5	4.3	3.2	2.3	2.0
1947.....	2.1	1.8	2.2	2.6	4.2	3.1	2.5	1.8
1948.....	2.5	2.2	2.6	2.9	4.4	3.5	2.8	2.2
1949.....	2.7	2.4	2.7	3.1	4.6	3.7	3.0	2.4
1950.....	2.7	2.4	2.7	3.2	4.5	3.6	3.0	2.4
1951.....	3.1	2.8	3.1	3.5	4.7	4.0	3.4	2.9
1952.....	3.5	3.3	3.5	3.8	4.9	4.2	3.7	3.3
1953.....	3.7	3.5	3.7	4.0	5.0	4.4	3.9	3.5
1954.....	3.6	3.4	3.6	4.0	5.0	4.3	3.9	3.4

Source: Board of Governors of the Federal Reserve System. Annual totals published currently in *Federal Reserve Bulletin*.

No. 544.—MARGIN REQUIREMENTS ON SECURITIES CREDIT: 1934 TO 1955

[Prescribed by Board of Governors of the Federal Reserve System in accordance with Securities Exchange Act of 1934. Regulations limit the amount of credit that may be extended on a security by prescribing a maximum loan value, which is a specified percentage of its market value at the time of the extension; the margin requirement is the difference between the market value (100 percent) and the maximum loan value. Data shown here are for regular accounts]

EFFECTIVE DATE	MARGIN REQUIRED (percent of market value)			EFFECTIVE DATE	MARGIN REQUIRED (percent of market value)		
	For credit by brokers and dealers on listed securities	For short sales	For loans by banks on stocks		For credit by brokers and dealers on listed securities	For short sales	For loans by banks on stocks
Oct. 1, 1934.....	<sup>1</sup> 25-45	(2)	-----	Jan. 21, 1946.....	100	100	100
Feb. 1, 1936.....	<sup>1</sup> 25-55	(2)	-----	Feb. 1, 1947.....	75	75	75
Apr. 1, 1936.....	55	(2)	<sup>3</sup> 55	Mar. 30, 1949.....	50	50	50
Nov. 1, 1937.....	40	50	40	Jan. 17, 1951.....	75	75	75
Feb. 5, 1945.....	50	50	50	Feb. 20, 1953 <sup>4</sup> .....	50	50	50
July 5, 1945.....	75	75	75	Jan. 4, 1955 <sup>4</sup> .....	60	60	60

<sup>1</sup> Exact requirement on each security determined by relation of its current market price to its lowest price since July 1, 1933.

<sup>2</sup> Requirement prior to Nov. 1, 1937, was margin "customarily required" by broker. <sup>3</sup> Effective May 1, 1936.

<sup>4</sup> Effective after the close of business.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

No. 545.—SECURITIES LISTED ON NEW YORK STOCK EXCHANGE—VALUES AND AVERAGE PRICE: 1940 TO 1955

[Value, except average price, in millions of dollars]

JAN. 1—	BONDS			STOCKS			JAN. 1—	BONDS <sup>1</sup>			STOCKS		
	Face value	Mar- ket value	Aver- age price	Shares (mil- lions)	Mar- ket value	Aver- age price		Face value	Mar- ket value	Aver- age price	Shares (mil- lions)	Mar- ket value	Aver- age price
1940...	54,067	49,920	\$92.33	1,435	46,468	\$32.37	1948...	136,727	136,207	\$99.62	1,907	68,313	\$35.82
1941...	54,169	50,831	93.84	1,455	41,891	28.80	1949...	131,068	131,306	100.18	2,018	67,048	33.22
1942...	58,237	55,034	94.50	1,463	35,786	24.46	1950...	125,410	128,464	102.43	2,166	76,292	35.22
1943...	72,993	70,584	96.70	1,471	38,812	26.39	1951...	114,889	115,952	100.93	2,353	93,807	39.87
1944...	90,841	90,274	99.38	1,489	47,607	31.97	1952...	98,158	95,634	97.43	2,616	109,484	41.85
1945...	111,116	112,621	101.35	1,492	55,512	37.21	1953...	102,502	100,256	97.81	2,788	120,536	43.23
1946...	138,085	143,111	103.64	1,592	73,765	46.33	1954...	101,539	99,828	98.32	2,927	117,257	40.06
1947...	137,165	140,793	102.64	1,771	68,595	38.73	1955...	106,438	106,517	100.07	3,174	169,149	53.29

<sup>1</sup> Beginning 1948, figures include bonds of International Bank for Reconstruction and Development. These bonds included also in computing average price of all listed bonds.

Source: New York Stock Exchange, New York, N. Y.; *Year Book*.



## No. 546.—SALES OF STOCKS AND BONDS ON ALL REGISTERED EXCHANGES: 1945 TO 1954

[All money figures in millions of dollars; number of shares of stock in millions. Stock sales include rights and warrants and cover actual volume of sales as distinguished from ticker or "reported" volume in table 547]

YEAR	ALL REGISTERED EXCHANGES					NEW YORK STOCK EXCHANGE				
	Market value of all sales	Stocks		Bonds		Market value of all sales	Stocks		Bonds	
		Shares	Market value	Par value	Market value		Shares	Market value	Par value	Market value
1945.....	18,112	767	16,270	2,691	1,842	15,190	507	13,474	2,509	1,716
1946.....	20,001	802	18,814	1,572	1,187	16,675	531	15,562	1,489	1,113
1947.....	12,541	512	11,587	1,274	954	10,617	358	9,742	1,176	875
1948.....	13,749	570	12,904	1,172	846	11,731	413	10,932	1,110	793
1949.....	11,443	516	10,740	933	703	9,674	380	9,012	880	662
1950.....	22,840	892	21,802	1,278	1,038	19,735	682	18,735	1,228	1,000
1951.....	22,127	863	21,302	955	825	19,013	643	18,215	915	797
1952.....	18,179	732	17,388	899	791	15,531	522	14,761	868	769
1953.....	17,488	716	16,708	909	781	15,010	520	14,250	875	760
1954.....	29,156	1,053	28,130	1,121	1,026	25,267	749	24,264	1,089	1,003

Source: Securities and Exchange Commission; *Statistical Bulletin*, published monthly.

## No. 547.—SALES ON NEW YORK STOCK EXCHANGE—VOLUME: 1910 TO 1954

[See also *Historical Statistics*, series N 228-232]

YEAR	Stocks, millions of shares <sup>1</sup>	BONDS, PAR VALUE (millions of dollars) <sup>2</sup>				YEAR	Stocks, millions of shares <sup>1</sup>	BONDS, PAR VALUE (millions of dollars) <sup>2</sup>			
		Total	Corporate	U. S. Government	State, municipal, foreign			Total	Corporate	U. S. Government	State, municipal, foreign
1910.....	164	635	592	(3)	43	1942.....	126	2,311	2,181	7	124
1915.....	173	961	907	3	51	1943.....	279	3,255	3,130	4	120
1920.....	227	3,977	827	2,861	289	1944.....	263	2,695	2,585	6	104
1925.....	454	3,384	2,332	391	661	1945.....	378	2,262	2,148	8	106
1929.....	1,125	2,982	2,182	142	658	1946.....	364	1,364	1,265	19	81
1930.....	810	2,764	1,927	116	721	1947.....	254	1,076	970	3	102
1932.....	425	2,967	1,642	570	755	1948.....	295	997	910	1	86
1933.....	655	3,369	2,099	501	769	1949.....	271	816	723	(3)	93
1935.....	382	3,339	2,287	674	378	1950.....	525	1,112	1,008	2	103
1937.....	409	2,793	2,097	349	347	1951.....	444	824	730	2	92
1938.....	297	1,860	1,484	127	249	1952.....	338	773	693	(3)	80
1939.....	262	2,046	1,480	311	255	1953.....	355	776	683	(3)	92
1940.....	208	1,669	1,414	39	216	1954.....	573	979	856	(3)	122
1941.....	171	2,112	1,929	20	163						

<sup>1</sup> Data cover ticker or "reported" volume which excludes odd-lots, stopped sales, private sales, split openings, crossed transactions, and errors of omission. Totals are therefore less than the actual volume shown in table 546.

<sup>2</sup> Exclusive of stopped sales. <sup>3</sup> Less than \$500,000.

Source: *Commercial and Financial Chronicle*, New York, N. Y.

## No. 548.—PRINCIPAL COMMODITY FUTURES—VOLUME OF TRADING ON ALL CONTRACT MARKETS: 1943 TO 1954

[Compiled from daily reports of all clearing members of each contract market]

YEAR ENDING JUNE	Wheat (million bushels)	Corn (million bushels)	Oats (million bushels)	Rye (million bushels)	Soybeans (million bushels)	Cotton (thousand bales)	Eggs (carlots)
1943.....	2,703.2	851.3	610.6	1,469.7	16.0	42,738	9,005
1944.....	2,641.7	(1)	726.4	3,031.1	(1)	39,170	6,085
1945.....	2,425.0	491.3	1,090.2	3,978.6	(1)	37,813	40,729
1946.....	1,474.0	117.6	2,438.8	1,963.5	(1)	60,353	79,357
1947.....	2,322.4	2,608.9	3,905.6	.2	(1)	110,248	135,325
1948.....	5,768.1	3,798.8	2,668.6	21.1	40.2	110,583	125,020
1949.....	4,514.9	3,678.3	1,175.7	125.4	1,537.7	63,385	91,191
1950.....	4,202.0	2,013.4	1,048.2	581.6	3,613.9	52,697	56,938
1951.....	4,675.7	2,236.6	1,617.3	576.2	2,952.6	79,067	148,811
1952.....	4,341.7	2,639.6	2,239.2	426.6	2,953.2	94,887	90,005
1953.....	3,780.5	2,811.2	2,421.2	703.0	3,346.3	91,335	145,588
1954.....	4,763.3	2,344.0	1,232.5	724.6	5,143.0	44,886	149,163

<sup>1</sup> Trading suspended.

Source: Department of Agriculture, Commodity Exchange Authority; annual report, *Commodity Futures Statistics*.

## No. 549.—SECURITIES—SALES EFFECTED ON SECURITIES EXCHANGES: 1954

[In thousands. Value and volume of sales effected on registered securities exchanges are reported in connection with fees paid under sec. 31 of the Securities Exchange Act of 1934. For most exchanges, figures represent transactions cleared during year. Figures may differ from those in table 546 due to revision of data by exchanges.]

EXCHANGE	Total market value	STOCKS <sup>1</sup>		BONDS <sup>2</sup>		RIGHTS AND WARRANTS	
		Market value	Number of shares	Market value	Prin- cipal amount	Mar- ket value	Num- ber of units
<b>All registered exchanges</b> .....	\$29,156,471	\$28,074,859	994,161	\$1,026,318	\$1,121,048	\$55,294	58,897
American.....	1,931,564	1,872,549	169,875	21,085	29,678	37,930	7,969
Boston.....	249,038	249,036	5,278			2	18
Cincinnati.....	28,083	27,701	623	183	322	199	109
Detroit.....	110,901	110,626	4,827			275	717
Los Angeles.....	267,268	266,730	17,072	121	112	417	720
Midwest.....	681,337	680,927	19,971	48	41	362	1,117
New Orleans.....	3,765	3,765	88			(3)	1
New York Stock.....	25,267,129	24,249,100	703,072	1,003,294	1,089,390	14,735	45,533
Philadelphia-Baltimore.....	266,571	265,260	7,177	915	960	396	2,074
Pittsburgh.....	40,279	40,278	1,410			1	5
Salt Lake.....	4,353	4,353	26,243				
San Francisco Mining.....	3,320	3,320	20,579				
San Francisco Stock.....	302,189	300,540	15,953	672	545	977	634
Spokane.....	674	674	1,993				
<b>All exempted exchanges</b> .....	9,775	9,575	1,054	66	70	134	14
Colorado Springs.....	92	92	132				
Honolulu.....	8,644	8,444	875	66	70	134	14
Richmond.....	465	465	16				
Wheeling.....	574	574	31				

<sup>1</sup> Includes voting trust certificates, American depositary receipts, and certificates of deposit for stocks.

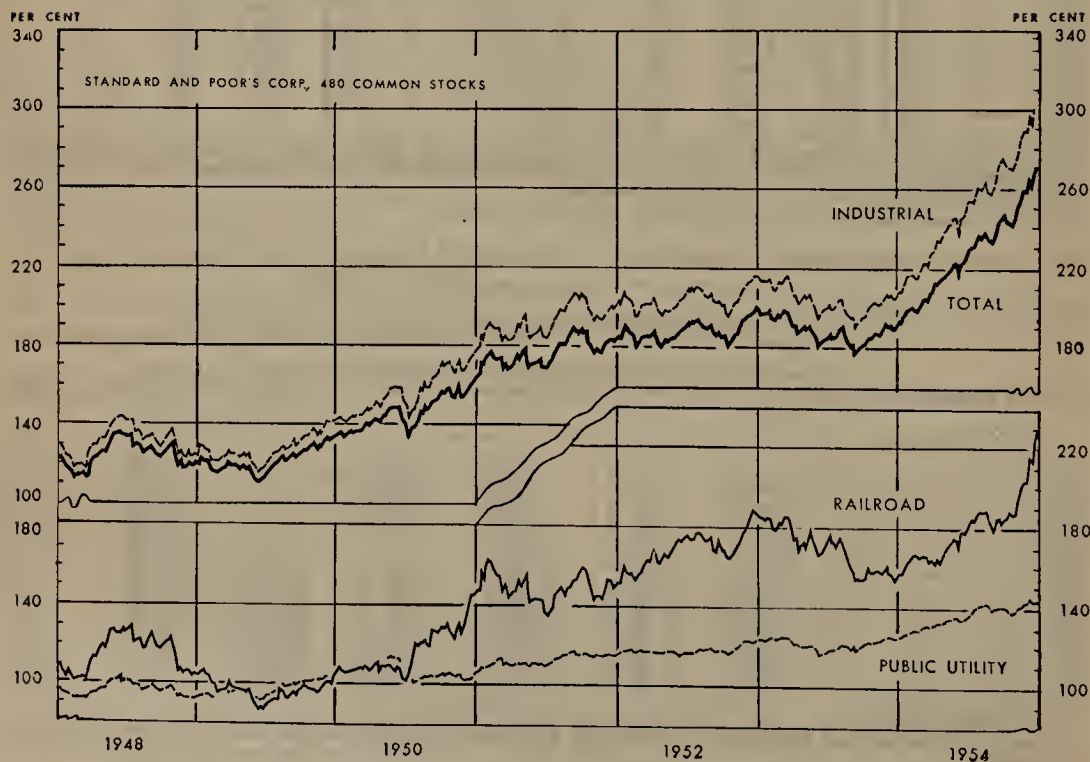
<sup>2</sup> Includes mortgage certificates and certificates of deposit for bonds. Since Mar. 18, 1944, United States Government bonds have not been included in these data.

<sup>3</sup> \$500 or less.

Source: Securities and Exchange Commission.

FIG. XXXVII.—STOCK PRICES: 1947 TO 1954

[1935-39=100. Indexes based on Wednesday figures. See table 550]



Source: Board of Governors of the Federal Reserve System.



## No. 550.—BOND AND STOCK PRICES: 1929 TO 1954

[See also *Historical Statistics*, series N 212-214]

CLASS	1929	1930	1935	1940	1945	1950	1952	1953	1954
<b>BOND PRICES</b>									
Dollars per \$100 bond									
U. S. Government <sup>1</sup> .....					102.0	102.5	97.3	93.9	99.5
Standard and Poor's Corp.:									
Municipal (15 bonds) <sup>2</sup> .....	96.5	99.0	108.6	123.6	139.6	133.4	129.3	119.7	125.8
Corporate, high grade (17 bonds, A1+ issues) <sup>3</sup> .....	89.09	90.85	105.5	116.3	121.6	121.9	115.8	112.1	117.2
<b>STOCK PRICES</b>									
Dollars per share, except indexes									
Standard and Poor's Corp.:									
Preferred (15 stocks) <sup>4</sup> .....	136.7	141.5	151.4	169.2	189.1	181.8	169.7	164.0	174.5
Common (index, 1935-39=100): <sup>5</sup>									
Total (480 stocks).....	200.9	158.2	82.9	88.1	121.5	146.4	187.7	189.0	226.7
Industrial (420 stocks).....	171.1	127.0	82.2	87.9	123.3	156.4	203.9	204.1	250.0
Railroad (20 stocks).....	390.7	331.3	90.2	71.1	136.9	116.7	168.5	170.0	179.8
Public utility (40 stocks).....	274.1	250.7	83.9	95.8	106.1	107.2	118.2	122.0	136.4
Dow-Jones and Co. Inc.: <sup>6</sup>									
Total (65 stocks).....	125.43	95.64	41.97	45.28	63.72	77.69	103.71	107.11	124.24
Industrial (30 stocks).....	311.24	236.34	120.00	134.74	169.82	216.31	270.76	275.97	333.94
Railroad (20 stocks).....	159.66	133.13	33.83	28.50	56.56	60.72	97.05	102.86	113.29
Public utility (15 stocks) <sup>7</sup> .....	104.48	85.80	22.15	22.61	32.15	41.29	49.93	51.03	58.13
Moody's per share, monthly average: <sup>8</sup>									
Total (200 stocks) <sup>9</sup> .....	86.00	65.90	32.44	33.84	46.02	56.23	71.73	72.81	89.04
Industrial (125 stocks).....	65.45	49.26	30.09	31.76	43.94	57.83	75.63	76.05	95.81
Railroad (25 stocks).....	109.82	90.77	26.18	20.16	39.94	33.60	46.35	47.48	51.33
Public utility (24 stocks).....	133.20	107.67	27.20	25.64	26.29	31.23	35.48	37.80	44.30
Securities and Exchange Comm.: <sup>10</sup>									
Common (index, 1939=100):									
Total (265 stocks).....				94	131	154	195	193	230
Manufacturing (170 stocks).....				93	129	166	220	220	271
Durable (98 stocks).....				93	129	150	189	193	245
Nondurable (72 stocks).....				94	129	180	249	245	295
Transportation (21 stocks).....				99	190	160	221	219	233
Public utility (29 stocks).....				100	113	109	118	122	136
Trade, finance, and service (31 stocks).....				90	149	184	206	207	236
Mining (14 stocks).....				76	114	144	276	241	267

<sup>1</sup> Straight average of market prices of all taxable marketable bonds due or callable in 15 years and over; beginning April 1952, in 12 years and over.

<sup>2</sup> Prices derived from average yields on basis of a 4 percent 20-year bond based on Wednesday closing prices.

<sup>3</sup> Based on composite of data (including industrial, utility, and railroad) and are a conversion of yield indexes, based on yield to maturity of each bond and assuming a 4-percent coupon with 20 years to maturity. From April 1937 to date, prices are averages of weekly data for 17 A1+ bonds; from January 1929 to March 1937, data based on a varying group of A1+ bonds, one price monthly (first of month) being used.

<sup>4</sup> Prices derived from averages of median yields on noncallable high-grade stocks on basis of a \$7 annual dividend.

<sup>5</sup> Data from Board of Governors, Federal Reserve System.

<sup>6</sup> Based on Wednesday's closing prices, or last preceding sale price; indexes weighted by number of shares of each stock outstanding in base period. Number of stocks represents number currently used; continuity of series not affected by change in number.

<sup>7</sup> Averages of daily closing figures. Changes have been made in stocks used at various times. However, the number of stocks has remained constant except for public utilities (see note 7).

<sup>8</sup> For 20 stocks prior to June 2, 1938.

<sup>9</sup> Based on prices end of month. 200 stocks used represent for the most part, an identical list, except in public utility group, which is a continuous series composed of 24 electric utilities (representing combined holding and operating electric companies prior to 1942 and operating electric companies thereafter). Data for A. T. & T. Co., included in figures for 200 stocks; excluded from utilities in order to show more clearly the trend for electric operating companies.

<sup>10</sup> Includes also 15 banks and 10 insurance stocks and 1 additional public utility stock (see note 8).

<sup>11</sup> Averages of weekly closing prices. Number of stocks represents number currently used.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, except as noted. (For original sources see table stub)

## No. 551.—BOND AND STOCK YIELDS—PERCENT: 1929 TO 1954

[See also *Historical Statistics*, series N 197-200, 203-205]

CLASS	1929	1930	1935	1940	1945	1950	1952	1953	1954
<b>BONDS</b>									
U. S. Government <sup>1</sup>					2.37	2.32	2.68	2.93	2.53
Municipal (Standard & Poor's Corp., 15 bonds)-----	4.27	4.07	3.40	2.50	1.67	1.98	2.19	2.72	2.37
Municipal (Bond Buyer, 20 bonds)-----	4.31	4.12	3.38	2.52	1.49	1.90	2.20	2.73	2.38
Corporate (Moody's Investors' Service), by type: <sup>2</sup>									
Total (107 bonds)-----	5.21	5.09	4.46	3.55	2.87	2.86	3.19	3.43	3.16
Industrial (34 bonds)-----	5.31	5.25	4.02	3.10	2.68	2.67	3.00	3.30	3.09
Railroad (33 bonds)-----	5.18	4.96	4.95	4.30	3.06	3.10	3.36	3.55	3.25
Public utility (40 bonds)-----	5.14	5.05	4.43	3.25	2.89	2.82	3.20	3.45	3.15
Corporate, by years to maturity: <sup>3</sup>									
5 years-----	4.72	4.40	2.37	1.28	1.53	<sup>4</sup> 1.90	<sup>4</sup> 2.73	<sup>4</sup> 2.75	2.52
10 years-----	4.57	4.40	3.00	1.95	2.14	2.30	2.73	2.88	2.66
20 years-----	4.45	4.40	3.37	2.55	2.55	2.48	2.83	3.05	2.88
50 years <sup>5</sup> -----	4.40	4.40	3.50	<sup>4</sup> 2.70	<sup>4</sup> 2.55	<sup>4</sup> 2.63	3.09	3.22	3.05
<b>STOCKS</b>									
Preferred (Standard & Poor's Corp., 11 stocks) <sup>6</sup> -----	5.12	4.95	4.63	4.14	3.70	3.85	4.13	4.27	4.02
Common (Moody's Investors' Service): <sup>7</sup>									
Total (200 stocks) <sup>8</sup> -----	3.4	4.5	4.1	5.3	4.2	6.3	5.5	5.5	4.8
Industrial (125 stocks)-----	3.8	4.9	3.5	5.3	4.0	6.5	5.6	5.5	4.7
Railroad (25 stocks)-----	4.4	5.6	4.0	5.4	5.5	6.5	5.9	6.5	6.2
Public utility (24 stocks)-----	2.1	3.5	5.1	6.0	5.0	5.7	5.4	5.3	4.8

<sup>1</sup> Average yields on taxable bonds due or callable in 15 years and over; beginning April 1952, in 12 years and over.<sup>2</sup> Number of issues as of Dec. 1, 1953 and 1954; number varies for earlier years.<sup>3</sup> Estimated yields prevailing on highest grade issues in first quarter of each year prior to 1951 and in February only beginning 1951. Data from National Bureau of Economic Research.<sup>4</sup> More than usually liable to error.<sup>5</sup> Represents bonds of 40 years to maturity beginning 1945.<sup>6</sup> Based on 11 stocks (15 stocks, 1929-45). Yield determined from average of 9 median yields. Issues converted to a price equivalent to \$100 par and a 7 percent annual dividend before averaging.<sup>7</sup> Average of monthly figures computed by dividing the aggregate annual dividends being paid as of the end of each month by the market value of all outstanding shares of the companies as of the same date.<sup>8</sup> Includes also 15 bank and 10 insurance stocks, and 1 additional public utility (see footnote 8, table 550).Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, except as noted.

## No. 552.—DIVIDENDS PER SHARE (ANNUAL RATES) FOR 200 COMMON STOCKS: 1930 TO 1954

YEAR	Total, 200 stocks <sup>1</sup>	Industrial, 125 stocks	Public utility, 24 stocks	Railroad, 25 stocks	Bank, 15 stocks	Insurance, 10 stocks
1930-----	\$2.93	\$2.38	\$3.55	\$4.95	\$4.69	\$2.32
1935-----	1.30	1.05	1.32	1.03	2.24	1.24
1940-----	1.78	1.67	1.54	1.08	2.08	1.62
1941-----	1.90	1.81	1.44	1.28	2.07	1.64
1942-----	1.75	1.64	1.26	1.46	1.95	1.71
1943-----	1.73	1.55	1.28	1.77	1.94	1.69
1944-----	1.84	1.67	1.31	1.99	1.93	1.63
1945-----	1.92	1.75	1.30	2.19	2.00	1.62
1946-----	2.02	1.85	1.43	2.19	2.20	1.83
1947-----	2.38	2.33	1.56	1.92	2.32	1.88
1948-----	2.74	2.78	1.60	2.06	2.33	1.88
1949-----	3.09	3.19	1.66	2.41	2.36	2.06
1950-----	3.53	3.77	1.76	2.18	2.50	2.46
1951-----	4.09	4.44	1.88	2.56	2.64	2.73
1952-----	3.94	4.20	1.91	2.72	2.65	2.88
1953-----	4.00	4.19	2.01	3.06	2.83	3.10
1954-----	4.23	4.46	2.13	3.16	3.04	3.35

<sup>1</sup> Includes American Telephone and Telegraph Co. stock; excluded from "public utility."

Source: Moody's Investors' Service, New York, N. Y.



**No. 553.—STOCK DIVIDENDS—CASH DIVIDEND PAYMENTS PUBLICLY REPORTED:  
1941 TO 1954**

[In millions of dollars. Data represent cash dividends paid by all companies for which reports are included in *Moody's Dividend Record*. Data comprise preferred and common stock and are on a gross basis; that is, intercorporate dividend payments are included. Dividend payments in stock and liquidating dividends are excluded. Number of corporations covered varies from year to year and has increased from approximately 4,500 in 1941 to over 5,500 in 1954]

ITEM	1941	1945	1948	1949	1950	1951	1952	1953 <sup>1</sup>	1954 <sup>1</sup>
<b>Total dividend payments</b> .....	3,942.0	3,878.2	6,093.7	6,453.2	7,923.8	8,166.0	8,320.2	8,501.2	9,198.2
Finance.....	473.5	516.0	688.2	757.5	939.3	1,037.0	1,070.2	1,090.6	1,248.0
Manufacturing.....	2,125.7	1,967.7	3,391.7	3,667.4	4,665.0	4,591.5	4,549.6	4,624.6	4,979.3
Mining.....	169.4	170.1	373.6	321.8	378.9	414.6	447.8	437.0	456.5
Public utilities:									
Communications.....	246.2	253.8	276.0	336.6	409.3	475.0	542.3	561.9	591.0
Electric and gas.....	475.1	433.3	513.6	560.3	627.9	690.4	754.9	862.7	933.8
Railroad.....	157.6	216.9	269.7	257.6	290.1	308.6	325.4	354.0	371.3
Trade.....	218.1	223.9	416.8	408.4	446.4	462.5	443.1	415.5	457.1
Miscellaneous.....	76.4	96.5	164.1	143.7	166.9	186.4	186.9	154.9	161.2

<sup>1</sup> Preliminary.

Source: Department of Commerce, Office of Business Economics.

**No. 554.—CUSTOMERS' DEBIT BALANCES, MONEY BORROWED, AND RELATED  
ITEMS—STOCK EXCHANGE FIRMS CARRYING MARGIN ACCOUNTS: 1939 TO 1954**

[In millions of dollars. Data relate to member firms of New York Stock Exchange carrying margin accounts. Figures derived from money balances as shown by ledger and exclude value of securities carried for customers or owned by firms. For detailed discussion, see *Federal Reserve Bulletin*, September 1936]

END OF MONTH	DEBIT BALANCES				CREDIT BALANCES				
	Custom- ers' debit balances (net) <sup>1</sup>	Debit balances in investment and trading accounts of—		Cash on hand and in banks	Money bor- rowed <sup>2</sup>	Custom- ers' credit bal- ances <sup>1</sup>	Credit balances in investment and trading accounts of—		Credit balances in capital accounts (net)
		Partners	Firm				Partners	Firm	
1939—December.....	906	16	78	207	637	335	23	7	277
1940—December.....	677	12	99	204	427	335	22	5	247
1943—December.....	789	11	188	181	557	419	14	5	198
1944—December.....	1,041	7	260	209	726	568	18	8	227
1945—December.....	1,138	12	413	313	795	766	29	13	299
1946—December.....	540	5	312	456	218	814	30	10	290
1947—December.....	578	7	315	393	240	788	23	15	273
1948—December.....	550	10	312	349	257	698	28	5	278
1949—December.....	881	5	400	306	523	792	26	15	271
1950—December.....	1,356	9	399	397	745	1,120	36	12	317
1951—December.....	1,292	12	392	378	695	1,075	42	11	314
1952—December.....	1,362	8	406	343	920	924	35	9	315
1953—June.....	1,684	7	347	282	1,216	816	23	16	319
December.....	1,694	8	404	297	1,170	917	28	31	313
1954—June.....	1,857	10	492	309	1,173	1,086	23	45	372
December.....	2,443	11	626	348	1,616	1,310	53	65	401

<sup>1</sup> Excludes balances with reporting firms of member firms of New York Stock Exchange and other national securities exchanges and of firms' own partners.

<sup>2</sup> Comprises money borrowed from banks and also from other lenders (excluding member firms of national securities exchanges).

Source: Board of Governors of the Federal Reserve System; figures through 1941, *Banking and Monetary Statistics*; monthly figures published currently in *Federal Reserve Bulletin*.

# No. 555.—SECURITIES—NEW SECURITIES OFFERED FOR CASH SALE, BY TYPE AND ISSUER: 1934 TO 1954

[In millions of dollars. Estimated gross proceeds are derived by multiplying principal amounts or number of units by offering prices, except for municipal issues where principal amount is used. Covers substantially all new issues of securities offered for cash sale in United States in amounts over \$100,000 and with terms of maturity of more than 1 year. Includes issues privately placed, publicly offered, unregistered issues, and those registered under Securities Act of 1933]

SECURITY AND ISSUER	1934	1935	1940	1945	1950	1951	1952	1953	1954 (prel.)
TYPE OF SECURITY									
All types, total.....	4,910	6,683	6,564	54,712	19,893	21,265	27,209	28,824	29,809
Corporate.....	397	2,332	2,677	6,011	6,361	7,741	9,534	8,898	9,563
Noncorporate.....	4,512	4,352	3,887	48,701	13,532	13,523	17,675	19,926	20,246
Bonds, debentures, and notes, total.....	4,884	6,576	6,273	53,556	18,451	19,214	25,276	27,010	27,791
Corporate.....	371	2,225	2,386	4,855	4,920	5,691	7,601	7,083	7,545
Noncorporate.....	4,512	4,352	3,887	48,701	13,532	13,523	17,675	19,926	20,246
Preferred stock.....	6	86	183	758	631	838	564	489	814
Common stock.....	19	22	108	397	811	1,212	1,369	1,326	1,204
ISSUER									
Corporate, total.....	397	2,332	2,677	6,011	6,361	7,741	9,534	8,898	9,563
Manufacturing <sup>1</sup> .....	67	797	992	2,026	1,200	3,122	4,039	2,254	2,325
Mining.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	235	536
Electric, gas, and water <sup>1</sup> .....	133	1,284	1,203	2,319	2,649	2,455	2,675	3,029	3,718
Communication <sup>1</sup> .....					399	612	760	882	721
Rail.....	176	126	324	1,454	554	335	525	302	479
Other transportation <sup>1</sup> .....					259	159	467	293	306
Real estate and financial.....	21	125	159	211	747	525	515	1,576	1,052
Commercial and miscellaneous <sup>1</sup> .....					553	533	553	327	425
Noncorporate, total.....	4,512	4,352	3,887	48,701	13,532	13,523	17,675	19,926	20,246
U. S. Government (including agency issues guaranteed).....	3,535	2,938	2,517	47,353	9,687	9,778	12,577	13,957	12,532
Federal agency (issues not guaranteed).....	32	116	109	506	30	110	459	106	458
State and municipal.....	939	1,232	1,238	795	3,532	3,189	4,401	5,558	6,969
Foreign government.....	5	59	0	45	<sup>3</sup> 263	<sup>3</sup> 419	<sup>3</sup> 223	<sup>3</sup> 283	<sup>3</sup> 244
Ecclesiastical and other nonprofit.....	1	8	24	2	20	28	14	24	43

<sup>1</sup> For 1934-1945, commercial and miscellaneous included with manufacturing, and communication and other transportation included with electric, gas, and water.

<sup>2</sup> Not available.

<sup>3</sup> Includes International Bank as follows: 1950, \$101 million; 1951, \$150 million; 1952, \$108 million; 1953, \$33 million; 1954, \$100 million.

Source: Securities and Exchange Commission; monthly data published in *Statistical Bulletin*.

# No. 556.—U. S. PURCHASES OF FOREIGN CAPITAL ISSUES (GOVERNMENTAL AND CORPORATE) PUBLICLY OFFERED IN THE U. S.: 1925 TO 1954

[Amounts in thousands of dollars. Excludes privately taken issues and small issues for which data are not available. Excludes issues of U. S. possessions after 1945]

YEAR	Number of issues	Total nominal capital	Estimated refunding to Americans <sup>1</sup>	Estimated new nominal capital	YEAR	Number of issues	Total nominal capital	Estimated refunding to Americans <sup>1</sup>	Estimated new nominal capital
1925.....	164	1,316,166	239,700	1,076,466	1946.....	8	135,400	127,800	7,600
1929.....	148	705,768	34,537	671,231	1947.....	13	406,300	130,800	275,500
1930.....	121	1,087,560	182,227	905,333	1948 <sup>2</sup> .....				
1935.....	11	73,988	9,958	64,030	1949.....	1	97,500	50,832	46,668
1940.....	3	2,125		2,125	1950.....	9	217,611	184,751	32,860
1941.....	4	5,072	4,000	1,072	1951.....	18	483,720	19,500	464,220
1942 <sup>2</sup> .....					1952.....	15	316,287		316,287
1943.....	4	92,306	90,000	2,300	1953.....	11	314,315		314,315
1944.....	5	31,400	14,700	16,700	1954 <sup>3</sup> .....	16	287,165	2,000	285,165
1945.....	8	70,600	60,600	10,000					

<sup>1</sup> As a result of previous repatriations and purchases by investors of other countries these figures include, especially through 1930, substantial amounts of bonds not held in United States at time of their redemption.

<sup>2</sup> No issues. <sup>3</sup> Preliminary.

Source: Department of Commerce, Office of Business Economics; Balance of Payments Division records.



## No. 557.—CAPITAL ISSUES—SUMMARY, BY CLASSES: 1920 TO 1954

[In millions of dollars. Data cover domestic and foreign issues in United States. Preferred stocks of no par value and all common stocks are taken at offering price, other issues at par. Privileged stock subscriptions included in figures and issues of less than \$100,000. See also *Historical Statistics*, series N 221-227]

YEAR	Total issues	New capital	Refund- ing	TOTAL ISSUES, BY KINDS						
				Corporate				Farm- loan and Gov't agencies	State and municip- al <sup>2</sup>	Foreign govern- ment
				Rail- roads	Public utilities	Indus- trials <sup>1</sup>	Miscel- laneous			
1920	4,010.0	3,634.8	375.2	377.9	496.8	1,627.6	464.0	-----	699.5	344.3
1925	7,126.0	6,220.2	905.9	514.7	1,710.0	1,270.2	1,243.2	188.2	1,408.4	791.3
1929	11,592.2	10,182.8	1,409.4	817.2	2,442.8	2,459.8	4,306.6	-----	1,435.7	130.1
1930	7,677.0	7,023.4	653.7	1,026.5	2,566.2	1,151.9	728.6	86.5	1,497.6	619.6
1935	4,752.3	1,412.1	3,340.2	196.7	1,283.8	706.5	80.4	1,137.1	1,231.8	116.0
1940	4,805.9	1,950.5	2,855.4	372.3	1,274.1	764.2	352.0	804.3	1,239.0	-----
1941	5,545.9	2,853.9	2,692.0	365.3	1,383.0	675.5	195.0	1,969.0	954.1	4.0
1942	2,114.5	1,075.1	1,039.4	48.6	467.2	490.1	36.6	548.2	523.7	-----
1943	2,228.2	643.5	1,584.7	152.4	399.1	503.2	26.1	622.1	435.2	90.0
1944	4,295.9	936.4	3,359.5	622.8	1,384.3	1,005.7	168.3	433.2	660.6	21.1
1945	8,046.2	1,774.7	6,271.5	1,507.7	2,397.4	1,906.0	447.5	937.9	799.7	50.0
1946	8,728.0	4,643.9	4,084.0	729.9	2,114.6	3,146.0	661.6	861.2	1,161.3	53.5
1947	9,752.8	7,688.4	2,064.5	269.7	3,122.8	2,377.5	548.0	661.2	2,327.9	445.8
1948	10,453.0	9,318.0	1,135.0	627.0	3,016.9	2,084.4	820.2	1,062.2	2,692.4	150.0
1949	9,832.8	8,240.0	1,592.8	475.5	2,886.6	1,644.6	594.7	1,176.2	2,939.2	116.0
1950	11,067.3	8,346.7	2,720.6	492.4	3,090.7	1,463.6	840.3	1,385.7	3,552.4	242.2
1951	12,577.0	10,317.5	2,259.5	331.4	3,017.3	2,968.9	547.5	2,066.2	3,193.8	451.9
1952	15,455.6	12,717.6	2,738.0	530.9	3,265.4	4,219.1	642.4	2,146.4	4,328.4	323.0
1953	15,383.9	13,910.8	1,473.0	305.7	3,690.7	2,367.1	1,704.4	1,461.7	5,568.5	285.9
1954	17,586.6	13,993.5	3,593.1	482.9	4,099.9	2,606.2	1,474.4	1,720.7	6,954.7	247.8

YEAR	CORPORATE ISSUES BY CLASS OF SECURITY				YEAR	CORPORATE ISSUES BY CLASS OF SECURITY			
	Total	Long- term bonds and notes	Short- term bonds and notes	Stocks		Total	Long- term bonds and notes	Short- term bonds and notes	Stocks
1920.....	2,966.3	1,234.4	660.8	1,071.1	1945.....	6,258.6	4,891.4	46.4	1,320.7
1925.....	4,738.1	3,040.2	386.9	1,311.0	1946.....	6,652.1	4,532.1	38.3	2,081.7
1929.....	10,026.4	2,842.3	262.6	6,921.4	1947.....	6,317.9	4,731.1	70.7	1,516.1
1930.....	5,473.3	3,248.0	657.0	1,568.3	1948.....	6,548.4	5,600.9	7.4	940.1
1935.....	2,267.4	2,066.1	50.5	150.8	1949.....	5,601.4	4,567.8	7.9	1,025.6
1940.....	2,762.6	2,396.1	38.6	327.9	1950.....	5,886.9	4,417.9	177.4	1,291.6
1941.....	2,618.8	2,276.5	43.1	299.1	1951.....	6,865.1	5,058.0	6.2	1,800.9
1942.....	1,042.5	908.4	4.7	129.4	1952.....	8,657.9	6,820.0	38.5	1,799.4
1943.....	1,080.9	869.1	38.0	173.8	1953.....	8,067.8	6,227.6	221.1	1,619.1
1944.....	3,181.1	2,655.7	13.6	511.9	1954.....	8,663.4	6,714.0	129.5	1,819.9

<sup>1</sup> Comprises the following classifications given in original detailed statements: Iron, steel, coal, copper, etc., equipment manufacturers, motors and accessories, oil, rubber, and miscellaneous industrials.

<sup>2</sup> Comprises bonds issued by States, Territories and possessions, counties and municipalities, and by school and road districts and other independent governmental bodies. Beginning 1935, excludes funds obtained by States and municipalities from any agency of Federal Government.

Source: *Commercial and Financial Chronicle*, New York, N. Y.

# No. 558.—INTENDED APPLICATION OF PROCEEDS FROM NEW ISSUES OF CORPORATE SECURITIES OFFERED FOR CASH SALE IN THE UNITED STATES: 1940 TO 1954

[In millions of dollars]

INTENDED APPLICATION	1940	1945	1950	1951	1952	1953	1954 (prel.)
<b>ALL ISSUES</b>							
Estimated gross proceeds <sup>1</sup> .....	2,677	6,011	6,361	7,741	9,534	8,898	9,563
Bonds and notes.....	2,386	4,855	4,920	5,691	7,601	7,083	7,545
Preferred stock.....	183	758	631	838	564	489	814
Common stock.....	108	397	811	1,212	1,369	1,326	1,204
Estimated net proceeds.....	2,615	5,902	6,261	7,607	9,380	8,755	9,418
New money.....	569	1,080	4,006	6,531	8,180	7,960	6,987
Plant and equipment.....	424	638	2,966	5,110	6,312	5,647	5,295
Working capital.....	145	442	1,041	1,421	1,868	2,313	1,692
Retirements.....	1,854	4,555	1,271	486	664	260	1,857
Other purposes.....	192	267	984	589	537	535	575
<b>MANUFACTURING <sup>2</sup></b>							
Estimated gross proceeds <sup>1</sup> .....	992	2,026	1,200	3,122	4,039	2,254	2,325
Estimated net proceeds.....	961	1,969	1,175	3,066	3,973	2,218	2,292
New money.....	167	811	688	2,617	3,422	1,915	1,963
Plant and equipment.....	82	461	313	1,833	2,180	1,325	1,130
Working capital.....	85	350	375	784	1,242	590	833
Retirements.....	738	1,010	149	221	261	90	160
Other purposes.....	56	148	338	228	291	213	169
<b>ELECTRIC, GAS, AND WATER <sup>2</sup></b>							
Estimated gross proceeds <sup>1</sup> .....	1,203	2,319	2,649	2,455	2,675	3,029	3,718
Estimated net proceeds.....	1,180	2,291	2,608	2,412	2,626	2,972	3,670
New money.....	245	69	1,728	2,186	2,458	2,756	2,607
Plant and equipment.....	229	61	1,711	2,159	2,442	2,737	2,598
Working capital.....	16	9	17	27	16	19	9
Retirements.....	922	2,159	682	85	88	67	997
Other purposes.....	13	63	199	140	81	149	67
<b>TRANSPORTATION <sup>3</sup></b>							
Estimated gross proceeds <sup>1</sup> .....	324	1,454	813	494	992	595	785
Estimated net proceeds.....	319	1,436	805	490	983	589	778
New money.....	115	115	544	428	698	532	482
Plant and equipment.....	113	115	524	415	663	505	473
Working capital.....	1	0	21	13	34	27	8
Retirements.....	186	1,320	196	52	225	36	270
Other purposes.....	18	( <sup>4</sup> )	65	10	61	21	26
<b>COMMUNICATION <sup>2</sup></b>							
Estimated gross proceeds <sup>1</sup> .....	—	—	399	612	760	882	721
Estimated net proceeds.....	—	—	395	605	753	874	712
New money.....	—	—	304	594	739	861	644
Plant and equipment.....	—	—	300	574	737	842	643
Working capital.....	—	—	4	20	2	19	1
Retirements.....	—	—	81	5	6	3	57
Other purposes.....	—	—	10	6	8	10	11
<b>FINANCIAL AND REAL ESTATE (EXCL. INVESTMENT COMPANIES)</b>							
Estimated gross proceeds <sup>1</sup> .....	159	211	747	525	515	1,576	1,052
Estimated net proceeds.....	155	206	739	515	508	1,561	1,041
New money.....	42	85	480	368	410	1,452	619
Plant and equipment.....	( <sup>4</sup> )	1	24	16	14	32	13
Working capital.....	42	84	456	353	395	1,420	606
Retirements.....	9	65	100	66	60	24	274
Other purposes.....	104	56	159	81	38	84	148
<b>COMMERCIAL AND MISCELLANEOUS<sup>2</sup></b>							
Estimated gross proceeds <sup>1</sup> .....	—	—	553	533	553	562	961
Estimated net proceeds.....	—	—	538	518	536	542	926
New money.....	—	—	262	337	454	444	672
Plant and equipment.....	—	—	94	113	276	206	438
Working capital.....	—	—	168	224	178	238	235
Retirements.....	—	—	63	56	24	40	98
Other purposes.....	—	—	213	125	58	58	155

<sup>1</sup> Derived by multiplying principal amounts or numbers of units by offering prices.<sup>2</sup> For 1940 and 1945, commercial and miscellaneous was included in manufacturing, and communication in electric, gas, and water. For 1953-1954, mining in commercial and miscellaneous.<sup>3</sup> Railroad only for 1940 and 1945.<sup>4</sup> Less than \$500,000.Source: Securities and Exchange Commission; *Annual Report*; monthly data published in *Statistical Bulletin*.



# No. 559.—SHAREHOLDINGS OF RECORD IN REPORTING CORPORATIONS, CLASSIFIED BY TYPE OF BUSINESS: 1951

[Covers 3,954 common and preferred stocks representing close to 25 percent of all publicly owned issues, including one or more issues of virtually all larger companies. Relates to share ownership held in the United States (including shares of companies incorporated in other countries) rather than to ownership of United States corporations. Canvass covered all publicly owned corporations with stocks listed on the several exchanges, together with a large number whose stock are not listed on any exchange. Only publicly owned corporations are included; family and closely held companies of all types are excluded, as are those whose shares are restricted by agreements or options affecting their resale. Cooperative associations are also excluded. A number of companies for which data are included are not corporations in a strict sense, but their shares are comparable to those of corporations in practically all respects. For most corporations, figures apply within period between Nov. 1, 1951, and Feb. 1, 1952; for a number of companies with fiscal years ending prior to Nov. 1, figures are for an earlier date in 1951]

TYPE OF BUSINESS	Number of corporations	Number of issues	Shares outstanding	SHAREHOLDINGS OF RECORD			
				Number	Average number of shares	Market value, Dec. 1951	Average value per shareholding <sup>1</sup>
<b>Total</b> .....	<b>2,991</b>	<b>3,954</b>	<b>3,695,279</b>	<b>1,000</b> <b>20,320.6</b>	<b>181.8</b>	<b>Millions</b> <b>\$132,087.8</b>	<b>\$6,500</b>
Manufacturing.....	1,425	1,895	1,521,525	8,157.3	186.5	57,608.5	7,062
Steel and iron.....	138	165	138,295	874.4	158.2	5,328.7	6,094
Other metals and their products.....	39	54	46,050	164.7	279.6	2,196.5	13,337
Machinery except electrical.....	215	283	155,032	826.6	187.5	4,424.3	5,352
Electrical machinery.....	97	116	112,334	758.0	148.2	3,933.2	5,189
Railroad equipment.....	20	27	23,959	200.8	119.3	624.3	3,109
Automobiles and equipment.....	79	101	184,552	1,114.2	165.6	6,842.1	6,141
Aircraft.....	32	37	34,045	205.4	165.7	697.1	3,393
Shipbuilding.....	8	11	3,416	27.4	124.9	110.9	4,054
Building materials and equipment.....	82	107	55,319	239.0	231.4	1,567.5	6,558
Glass.....	18	25	27,967	94.0	297.6	1,268.1	13,496
Office equipment.....	20	26	21,748	132.8	163.8	1,143.0	8,607
Furniture and furnishings.....	16	19	6,317	33.6	187.8	123.7	3,679
Rubber and rubber products.....	29	43	23,316	154.9	150.5	1,202.3	7,763
Chemicals and drugs.....	105	160	226,265	948.2	238.6	14,156.5	14,929
Paper and paper products.....	76	117	70,906	291.0	243.7	2,439.2	8,383
Printing and publishing.....	25	33	15,934	76.9	207.2	267.5	3,479
Textiles.....	107	146	85,949	324.5	264.9	2,430.6	7,492
Leather and leather products.....	18	22	10,238	47.0	217.7	270.3	5,748
Food and food products.....	166	225	143,337	974.7	147.1	4,424.5	4,539
Beverages.....	49	58	46,746	174.4	268.0	1,392.5	7,983
Tobacco.....	26	41	29,622	211.1	140.3	1,130.5	5,354
Miscellaneous.....	60	79	60,178	283.7	212.1	1,635.2	5,763
Petroleum, including refining.....	123	138	459,306	1,718.3	267.3	23,545.9	13,703
Mining.....	154	168	251,772	711.4	353.9	4,893.9	6,879
Transportation.....	155	226	184,669	1,190.4	155.1	6,529.8	5,485
Railroads.....	99	153	123,203	930.0	132.5	5,462.2	5,873
Airlines.....	19	22	28,933	142.7	202.7	536.5	3,759
Automotive.....	17	23	17,834	79.7	223.6	223.6	2,805
Ship operating.....	13	19	11,857	28.0	423.5	272.9	9,747
Miscellaneous.....	7	9	2,842	10.0	235.3	34.6	3,473
Public utilities.....	260	478	531,010	4,734.8	112.1	19,946.7	4,213
Electric and gas.....	150	298	350,362	2,807.9	124.8	10,078.9	3,589
Gas.....	61	99	102,230	550.8	185.6	2,819.0	5,118
Communications.....	31	49	69,807	1,324.0	52.7	6,909.2	5,219
Miscellaneous.....	18	32	8,611	52.1	165.3	139.6	2,680
Real estate.....	37	48	16,068	71.8	223.9	528.2	7,359
Retail trade and service.....	181	258	171,771	780.0	220.2	5,624.3	7,211
Amusements.....	20	25	34,213	193.1	177.2	463.6	2,401
Finance and investment.....	590	664	505,117	2,660.5	189.9	12,536.7	4,712
Banks and trust companies.....	319	325	139,207	1,112.8	125.1	6,242.7	5,610
Finance companies.....	34	64	26,302	191.2	137.6	820.3	4,290
Insurance companies.....	68	76	45,236	261.1	173.3	2,278.2	8,727
Investment companies—closed end.....	44	67	46,780	305.9	152.9	1,074.8	3,514
Investment companies—open end.....	112	113	234,379	728.0	321.9	1,970.0	2,706
Miscellaneous.....	13	19	13,213	61.5	214.9	150.7	2,451
Unclassified.....	46	54	19,828	103.0	192.5	410.2	3,983

<sup>1</sup> Because of numerous large nonindividual shareholdings (see table 560), average value per shareholding should be used with caution.

Source: The Brookings Institution, Washington, D. C.; *Share Ownership in the United States*.

# No. 560.—SHAREHOLDINGS OF RECORD IN REPORTING CORPORATIONS CLASSIFIED BY TYPE OF HOLDER: 1951

[See headnote, table 559]

TYPE OF HOLDER	Number of holders of record <sup>1</sup>	Number of shares	Average number of shares	Market value, Dec. 1951	Average value per share-holding
<b>UNADJUSTED</b>	<b>1,000</b>	<b>1,000</b>		<b>Millions</b>	
<b>Total</b> .....	<b>20,320.6</b>	<b>3,695,279.0</b>	<b>181.8</b>	<b>\$132,087.8</b>	<b>\$6,500</b>
Men.....	7,564.7	1,050,236.7	138.8	31,747.6	4,197
Women.....	8,432.4	823,223.9	97.6	29,182.6	3,461
Joint accounts.....	2,584.8	234,036.4	90.5	5,849.1	2,263
Fiduciaries.....	976.3	255,573.0	261.8	11,558.0	11,839
Institutions and foundations.....	144.8	70,276.9	485.2	3,308.0	22,837
Brokers and dealers <sup>2</sup> .....	239.7	381,635.5	1,592.2	10,179.2	42,469
Nominees <sup>3</sup> .....	140.2	375,114.9	2,675.7	18,020.2	128,539
Others.....	237.7	505,181.6	2,125.6	22,242.9	93,587
<b>ADJUSTED FOR BENEFICIAL HOLDINGS <sup>4</sup></b>					
<b>Total</b> .....	<b>25,156.0</b>	<b>3,695,279.0</b>	<b>146.9</b>	<b>132,087.8</b>	<b>5,251</b>
Men.....	9,001.4	1,264,361.7	140.5	38,128.9	4,236
Women.....	9,379.7	946,759.9	100.9	33,368.1	3,557
Joint accounts.....	2,933.8	267,454.3	91.2	6,803.7	2,319
Fiduciaries.....	3,105.5	461,423.5	148.6	21,087.4	6,790
Institutions and foundations.....	228.3	105,910.1	463.9	4,929.4	21,592
Brokers and dealers <sup>5</sup> .....	43.1	25,157.3	583.7	708.7	16,443
Others.....	464.2	624,212.2	1,344.7	27,061.6	58,297

<sup>1</sup> Represents number of listings in stock transfer books (or other records). "Shareholder" thus differs from "share owner" (or stockholder) who may own shares in more than one corporation, or in more than one issue of the same corporation. See tables 561-563 for number of share owners.

<sup>2</sup> Includes holdings for buyers on margin, since they are not fully paid; and holdings of fully paid shares held mainly for convenience of the beneficial (or actual) owners who may be abroad or who for other reasons find it advantageous to have brokers retain their securities.

<sup>3</sup> Nominees include all partnerships, individuals, and organizations created as a business convenience to appear as holders of record in behalf of the beneficial (or actual) owners. A very large portion of all nominee holdings is accounted for by fiduciaries or trust accounts.

<sup>4</sup> Estimated to show how shareholdings would appear if all shareholdings were registered in the names of the actual owners rather than in the names of nominees or brokers (see notes 2 and 3). Each person with an interest in a common trust fund is counted as a separate beneficial holder.

<sup>5</sup> Relates only to holdings for other brokers and dealers.

Source: The Brookings Institution, Washington, D. C.; *Share Ownership in the United States*.

# No. 561.—INDIVIDUAL SHARE OWNERS OF PUBLICLY OWNED STOCKS DISTRIBUTED BY EDUCATIONAL LEVEL: 1952

[If an individual owns shares in 5 stocks he is counted as one share owner, but in tables 559 and 560 he is represented by 5 shareholdings. Fiduciaries, institutions and foundations, and other nonindividual holders are excluded. Analysis is based on data obtained through a nationwide field survey conducted during Jan.-Feb. 1952. This survey covers 15,552 persons in a cross section of 5,000 family spending units. For an explanation of sample design and variability, see source publication]

LAST YEAR OF SCHOOL COMPLETED	POPULATION 21 YEARS AND OVER		INDIVIDUAL SHARE OWNERS <sup>1</sup>		
	Percent	Number	Percent of group population	Estimated number	Percent of total
<b>Total</b> .....	<b>100.0</b>	<b>99,280,000</b>	<b>6.4</b>	<b>6,350,000</b>	<b>100.0</b>
8th grade or less.....	39.6	39,300,000	3.1	1,230,000	19.4
1 to 3 years high school.....	19.6	19,440,000	3.2	630,000	9.9
4 years high school.....	23.9	23,790,000	7.7	1,840,000	29.0
1 to 3 years college.....	8.9	8,820,000	15.1	1,330,000	20.9
4 or more years college.....	7.3	7,210,000	18.0	1,300,000	20.5
Current students.....	.7	720,000	2.8	20,000	.3

<sup>1</sup> Excludes 140,000 share owners under 21 years of age.

Source: The Brookings Institution, Washington, D. C.; *Share Ownership in the United States*.



**No. 562.—INDIVIDUAL SHARE OWNERS OF PUBLICLY OWNED STOCKS DISTRIBUTED BY OCCUPATIONAL GROUPS: 1952**

[See headnote, table 561]

OCCUPATION	Population	INDIVIDUAL SHARE OWNERS		
		Percent of group population	Estimated number	Percent of total
<b>Total</b> .....	<b>155,520,000</b>	<b>4.2</b>	<b>6,490,000</b>	<b>100.0</b>
Administrative executives.....	670,000	44.8	300,000	4.6
Operating supervisory officials.....	3,190,000	19.4	620,000	9.6
Professional persons, personal service.....	2,980,000	12.4	370,000	5.7
Professional persons, technical fields.....	2,270,000	13.2	300,000	4.6
Sales personnel <sup>1</sup> .....	1,780,000	11.2	200,000	3.1
Merchants <sup>2</sup> .....	2,360,000	10.6	250,000	3.9
Clerical and kindred workers.....	7,790,000	7.6	590,000	9.1
Farmers.....	4,700,000	6.8	320,000	4.9
Skilled workers, foremen.....	9,310,000	4.4	410,000	6.3
Public service workers.....	1,180,000	3.4	40,000	.6
Semiskilled workers.....	15,090,000	1.4	210,000	3.2
Unskilled workers.....	5,640,000	.2	10,000	.2
Members of Armed Forces <sup>3</sup> .....	1,820,000	1.1	20,000	.3
Employed, occupation unidentified.....	390,000	(4)	(4)	(4)
Nonemployed adults.....	2,250,000	1.3	30,000	.5
Nonemployed—retired, dependent.....	6,180,000	9.1	560,000	8.6
Housewives—nonemployed.....	35,600,000	6.0	2,130,000	32.8
Students and preschool age.....	52,320,000	.2	130,000	2.0

<sup>1</sup> Representatives of wholesalers and manufacturers.

<sup>2</sup> Includes wholesale.

<sup>3</sup> Includes only those members of Armed Forces who are members of family groups.

<sup>4</sup> Less than 10,000 share owners in the group.

Source: The Brookings Institution, Washington, D. C.; *Share Ownership in the United States*.

**No. 563.—INDIVIDUAL SHARE OWNERS OF PUBLICLY OWNED STOCKS DISTRIBUTED BY INCOMES REPORTED FOR THEIR FAMILIES AS UNITS: 1952**

[Based on anticipated 1952 income before taxes, as reported by a representative family member, usually the head. See also headnote, table 561]

REPORTED COMBINED FAMILY INCOME	TOTAL POPULATION		INDIVIDUAL SHARE OWNERS		
	Percent	Number	Percent of group population	Estimated number	Percent of total
<b>Total individuals</b> .....	<b>100.0</b>	<b>155,520,000</b>	<b>4.2</b>	<b>6,490,000</b>	<b>100.0</b>
Less than \$2,000.....	16.5	25,660,000	1.1	280,000	4.3
\$2,000 to \$3,000.....	15.7	24,460,000	1.4	350,000	5.4
\$3,000 to \$4,000.....	23.1	35,900,000	1.6	590,000	9.1
\$4,000 to \$5,000.....	17.6	27,370,000	3.0	830,000	12.8
\$5,000 to \$10,000.....	23.0	35,820,000	8.0	2,880,000	44.4
\$10,000 and over.....	4.1	6,310,000	24.7	1,560,000	24.0

Source: The Brookings Institution, Washington, D. C.; *Share Ownership in the United States*.

## No. 564.—LIFE INSURANCE IN FORCE: 1900 TO 1954

[In millions of dollars. As of December 31. Represents all life insurance in force on the lives of residents of U. S. whether issued by U. S. or foreign companies. Figures include credit life insurance (insuring borrowers to cover loans in case of death)]

YEAR	Total	Ordinary	Group	Industrial	YEAR	Total	Ordinary	Group	Industrial
1900.....	7,573	6,124	-----	1,449	1945.....	151,988	101,924	22,387	27,677
1905.....	11,863	9,585	-----	2,278	1946.....	170,393	113,359	27,728	29,306
1910.....	14,908	11,783	-----	3,125	1947.....	186,250	123,021	32,823	30,406
1915.....	21,029	16,650	100	4,279	1948.....	201,294	132,048	38,419	30,827
1920.....	40,540	32,022	1,570	6,948	1949.....	213,805	139,572	42,250	31,983
1925.....	69,475	52,910	4,247	12,318	1950.....	234,090	149,791	50,962	33,337
1930.....	106,413	78,622	9,828	17,963	1951.....	253,140	160,185	58,122	34,833
1935.....	98,464	70,710	10,283	17,471	1952.....	276,591	172,259	67,884	36,448
1940.....	115,545	79,423	15,256	20,866	1953.....	304,259	186,710	79,768	37,781
					1954.....	333,719	200,743	94,312	38,664

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume; and Institute of Life Insurance, New York, N. Y.; *Life Insurance Fact Book*.

## No. 565.—LIFE INSURANCE COMPANIES—DISTRIBUTION OF ASSETS: 1920 TO 1953

[In millions of dollars]

YEAR	ALL ASSETS		UNITED STATES GOVERNMENT SECURITIES		ALL OTHER GOVERNMENT BONDS		SECURITIES OF BUSINESS AND INDUSTRY		MORTGAGES		REAL ESTATE		POLICY LOANS		MISCELLANEOUS ASSETS	
	Total	Per-cent	Total	Per-cent	Total	Per-cent	Total	Per-cent	Total	Per-cent	Total	Per-cent	Total	Per-cent	Total	Per-cent
1920.....	7,320	100.0	830	11.3	519	7.1	2,024	27.7	2,442	33.4	172	2.3	859	11.7	474	6.5
1930.....	18,880	100.0	355	1.9	1,147	6.1	5,448	28.8	7,598	40.2	548	2.9	2,807	14.9	977	5.2
1940.....	30,802	100.0	5,938	19.3	2,509	8.2	9,250	30.1	5,972	19.4	2,065	6.7	3,091	10.0	1,977	6.3
1945.....	44,797	100.0	20,583	45.9	1,962	4.4	11,059	24.7	6,636	14.8	857	1.9	1,962	4.4	1,738	3.9
1950.....	64,020	100.0	13,459	21.0	2,607	4.1	25,403	39.7	16,102	25.1	1,445	2.2	2,413	3.8	2,591	4.1
1951.....	68,278	100.0	11,009	16.1	2,658	3.8	28,204	41.4	19,314	28.3	1,631	2.4	2,590	3.8	2,872	4.2
1952.....	73,398	100.0	10,262	14.0	2,522	3.4	31,646	43.1	21,257	29.0	1,904	2.6	2,716	3.7	3,091	4.2
1953.....	78,744	100.0	9,887	12.6	2,605	3.3	34,665	44.0	23,341	29.6	2,020	2.6	2,922	3.7	3,304	4.2

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume.

## No. 566.—LIFE INSURANCE AND DISPOSABLE PERSONAL INCOME PER FAMILY: 1930 TO 1954

["Families" here include families, subfamilies, and unrelated individuals; see definitions, p. 3]

YEAR	Dispos-able personal income per family	Life in-surance coverage per family	Ratio of premiums paid <sup>1</sup> to dispos-able personal income	YEAR	Dispos-able personal income per family	Life in-surance coverage per family	Ratio of premiums paid <sup>1</sup> to dispos-able personal income
1930.....	\$1,900	\$2,800	4.7	1951.....	\$4,400	\$4,900	3.4
1935.....	1,400	2,400	6.3	1952.....	4,600	5,700	3.5
1940.....	1,700	2,700	5.1	1953.....	4,300	5,800	3.6
1945.....	3,200	3,200	3.4	1954.....	4,800	6,300	3.7
1950.....	4,100	4,600	3.5				

<sup>1</sup> Premiums paid for life insurance and annuities.

Source: Institute of Life Insurance, New York, N. Y.; *Life Insurance Fact Book*. Based on data from The Spectator, *Insurance Yearbook*, and Department of Commerce.



# No. 567.—LIFE INSURANCE OWNERSHIP AND AVERAGE PREMIUM, BY SPENDING UNIT CHARACTERISTICS: 1953

[Covers all types of life insurance, including national service and fraternal. Spending unit refers to a group of related persons living in same dwelling, pooling their incomes for major items of expense; a spending unit may consist of only 1 person]

INCOME	Per- cent of spend- ing units insured	Aver- age pre- mium pay- ment	OCCUPATION OF HEAD OF SPEND- ING UNIT	Per- cent of spend- ing units insured	Aver- age pre- mium pay- ment	AGE OF HEAD OF SPENDING UNIT	Per- cent of spend- ing units insured	Aver- age pre- mium pay- ment
All spending units-----	80	\$175	All spending units-----	80	\$175	All spending units-----	80	\$175
Under \$1,000-----	47	70	Professional-----	87	315	18 to 24 years-----	73	75
\$1,000 to \$1,999-----	57	60	Managerial, self- employed-----	91	350	25 to 34 years-----	87	145
\$2,000 to \$2,999-----	75	85	Clerical, sales-----	90	160	35 to 44 years-----	87	185
\$3,000 to \$3,999-----	84	110	Skilled, semi-skilled-----	89	125	45 to 54 years-----	86	230
\$4,000 to \$4,999-----	90	135	Unskilled-----	71	80	55 to 64 years-----	77	205
\$5,000 to \$7,499-----	94	175	Farm operator-----	60	160	65 or over-----	53	110
\$7,500 or over-----	94	515	Other-----	59	95			

Source: Board of Governors of the Federal Reserve System. Based on data from Survey of Consumer Finances, conducted by Board of Governors of Federal Reserve System in cooperation with Survey Research Center of University of Michigan.

# No. 568.—LIFE INSURANCE COMPANIES—SUMMARY: 1930 TO 1953

[Amounts in thousands of dollars. Figures for 1930-1950 shown on cash basis; thereafter, on accrual basis. Beginning 1950, includes accident and health business of life insurance companies]

ITEM	1930	1935	1940	1945	1950	1952	1953
Number of companies reporting-----	352	340	305	348	440	573	580
Income, total-----	4,593,973	5,072,095	5,657,842	7,673,987	11,057,123	12,692,567	14,122,654
Premium income <sup>1</sup> -----	3,524,327	3,672,820	3,886,689	5,159,177	7,921,079	9,512,300	10,706,419
Investment income and other receipts-----	1,069,646	1,399,275	1,771,153	2,514,810	3,136,044	3,180,267	3,416,235
Disbursements, total <sup>2</sup> -----	3,198,537	3,592,956	3,914,024	4,183,089	6,867,343	12,094,016	13,477,811
Paid to policyholders and beneficiaries <sup>3</sup> -----	2,246,776	2,535,113	2,680,665	2,718,795	4,239,743	5,076,241	5,872,667
Operating expenses-----	631,802	741,862	801,069	918,000	1,697,676	1,935,808	2,206,800
Taxes-----	(4)	105,350	135,280	153,044	198,410	226,981	238,992
Other-----	298,042	200,249	278,899	398,250	731,514	818,085	888,666
Dividends to stockholders-----	21,917	10,382	18,111	30,481	82,548	<sup>5</sup> 51,508	<sup>5</sup> 89,836
Additions to reserves <sup>6</sup> -----	1,395,436	1,479,139	1,743,818	3,455,417	4,107,232	4,036,901	4,270,686
Assets-----	18,879,611	23,216,496	30,802,155	44,797,041	64,019,686	73,398,029	78,743,758
Liabilities-----	17,862,142	21,826,074	28,963,743	41,555,657	59,380,541	68,111,650	72,904,830
Reserves-----	(7)	393,656	440,867	786,608	1,371,821	1,173,753	1,207,808
Capital and unassigned funds-----	1,017,470	996,766	1,397,545	2,454,776	3,267,323	4,112,626	4,631,120
Insurance account:							
Number of certificates in force at end of year-----	122,193,824	117,369,853	125,793,811	154,306,989	179,711,192	190,144,252	194,332,597
Amount written during year-----	19,019,790	14,138,619	12,892,079	16,432,947	37,143,605	43,194,187	51,442,400
Amount in force at end of year-----	107,948,278	100,730,415	117,794,384	155,722,778	242,017,831	287,125,358	315,985,063

<sup>1</sup> Includes \$732,833,808 accident and health for 1950, \$1,174,482,627 for 1952, and \$1,744,181,983 for 1953.

<sup>2</sup> Includes "Dividends to stockholders" for 1930, 1935, and 1940; excluded thereafter. See also footnote 5.

<sup>3</sup> Includes \$417,108,556 accident and health for 1950, \$757,987,854 for 1952, and \$1,134,045,374 for 1953.

<sup>4</sup> Included with "Other."

<sup>5</sup> Reported as surplus deduction; excluded from total disbursements.

<sup>6</sup> For 1930-1950, excess of income available for reserves. For 1952 and 1953, included in total disbursements.

<sup>7</sup> Included with "Liabilities."

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume.

## No. 569.—LIFE INSURANCE IN FORCE, BY STATES: 1953

[See headnote, table 564]

STATE	TOTAL			ORDINARY		GROUP		INDUSTRIAL	
	Num- ber of policies	Amount	Amount per family <sup>1</sup>	Num- ber of policies	Amount	Number of cer- tificates	Amount	Num- ber of policies	Amount
	Thou- sands	Mil- lions		Thou- sands	Mil- lions	Thou- sands	Mil- lions	Thou- sands	Mil- lions
<b>Total</b> .....	<b>229,051</b>	<b>\$304,259</b>	<b>\$5,800</b>	<b>77,379</b>	<b>\$186,710</b>	<b>40,013</b>	<b>\$79,768</b>	<b>111,659</b>	<b>\$37,781</b>
Alabama.....	6,067	3,751	4,200	686	1,827	599	945	4,782	979
Arizona.....	582	1,005	3,500	290	714	105	227	187	64
Arkansas.....	1,247	1,467	2,700	390	967	156	283	701	217
California.....	12,808	22,905	5,100	4,706	14,070	3,744	7,180	4,358	1,655
Colorado.....	1,553	2,498	4,900	762	1,821	347	517	444	160
Connecticut.....	3,994	5,965	8,200	1,393	3,600	943	1,674	1,658	691
Delaware.....	843	1,052	9,100	233	576	210	337	400	139
District of Columbia.....	1,823	2,340	6,200	449	1,366	480	692	894	282
Florida.....	5,795	4,948	4,200	1,318	3,012	700	826	3,777	1,110
Georgia.....	7,348	5,581	5,200	1,245	2,817	922	1,337	5,181	1,427
Idaho.....	332	685	3,600	229	557	53	111	50	17
Illinois.....	15,136	22,103	7,000	5,831	13,747	2,654	5,929	6,651	2,427
Indiana.....	6,800	8,746	6,300	2,414	4,804	1,242	2,832	3,144	1,110
Iowa.....	2,570	4,291	5,000	1,529	3,441	359	628	682	222
Kansas.....	2,255	3,365	4,900	1,153	2,420	320	673	782	272
Kentucky.....	3,806	3,583	4,100	1,003	2,064	457	782	2,346	737
Louisiana.....	4,629	3,808	4,500	725	1,930	850	1,064	3,054	814
Maine.....	996	1,313	4,600	394	932	156	203	446	178
Maryland.....	4,976	5,154	6,100	1,512	3,214	480	1,034	2,984	906
Massachusetts.....	7,810	10,217	6,300	2,467	6,340	1,135	2,250	4,208	1,627
Michigan.....	9,293	14,419	6,400	3,121	7,711	2,281	5,309	3,891	1,399
Minnesota.....	3,073	5,291	5,300	1,546	3,700	713	1,311	814	280
Mississippi.....	1,418	1,498	2,400	351	969	306	349	761	180
Missouri.....	6,095	7,853	5,600	2,283	4,922	995	1,944	2,817	987
Montana.....	398	855	4,000	268	682	64	151	66	22
Nebraska.....	1,345	2,239	4,900	821	1,790	205	341	319	108
Nevada.....	119	251	3,300	66	188	38	59	15	4
New Hampshire.....	764	1,023	5,800	279	703	96	167	389	153
New Jersey.....	9,311	13,885	8,000	3,350	8,527	1,351	3,506	4,610	1,852
New Mexico.....	454	742	3,300	219	542	70	136	165	64
New York.....	24,023	40,742	7,600	9,760	25,755	5,083	11,341	9,180	3,646
North Carolina.....	5,847	5,492	4,500	1,485	3,133	801	1,299	3,561	1,060
North Dakota.....	353	684	3,800	283	606	63	76	7	2
Ohio.....	14,033	19,729	7,000	4,684	11,309	2,258	5,830	7,091	2,590
Oklahoma.....	2,046	3,080	4,200	915	2,038	412	784	719	258
Oregon.....	1,180	2,384	4,100	612	1,755	340	551	228	78
Pennsylvania.....	21,178	25,140	7,300	7,154	14,776	2,872	6,454	11,152	3,910
Rhode Island.....	1,525	1,753	6,300	475	1,142	202	280	848	331
South Carolina.....	4,624	2,966	4,900	605	1,306	449	595	3,570	1,065
South Dakota.....	348	709	3,500	304	639	35	68	9	2
Tennessee.....	5,159	4,589	4,600	992	2,382	861	1,214	3,297	993
Texas.....	10,119	13,401	4,900	3,464	8,224	2,017	3,564	4,638	1,613
Utah.....	819	1,234	5,600	423	896	177	269	219	69
Vermont.....	401	593	4,900	190	448	38	77	173	68
Virginia.....	5,468	5,294	4,600	1,330	3,229	594	1,054	3,544	1,011
Washington.....	1,911	3,943	4,300	947	2,735	501	1,055	463	153
West Virginia.....	2,116	2,674	4,800	660	1,440	415	861	1,041	373
Wisconsin.....	4,086	6,581	5,800	1,924	4,603	833	1,506	1,329	472
Wyoming.....	184	438	3,900	139	341	31	93	14	4

<sup>1</sup> Based on Bureau of the Census data for number of families.Source: Institute of Life Insurance, New York, N. Y.; *Life Insurance Fact Book*.



**NO. 570.—LIFE INSURANCE OF FRATERNAL ORDERS: 1935 TO 1953**

[Amounts in thousands of dollars. Beginning 1953, figures are on accrual basis. Covers transactions (domestic and foreign) of fraternal orders in U. S. Excludes U. S. business of foreign concerns]

ITEM	1935	1940	1945	1950	1952	1953
Number reporting.....	266	215	180	196	261	243
Income, total.....	205,102	223,056	268,448	295,967	324,685	314,574
Net amount received from members.....	152,176	157,786	182,108	202,265	219,672	221,566
All other receipts.....	52,926	65,270	86,339	93,702	105,013	93,048
Expenditures, total <sup>1</sup> .....	158,562	165,893	170,902	205,401	229,676	-----
Paid for claims.....	111,005	117,575	100,578	131,725	146,873	-----
Agents' commissions and examiners' fees.....	12,128	9,917	13,452	19,033	21,611	-----
Expenses of management <sup>2</sup> .....	27,308	28,624	34,825	59,176	68,046	-----
Assets, invested and other, Dec. 31.....	994,314	1,252,924	1,644,527	2,039,845	2,269,101	2,320,860
Liabilities, Dec. 31.....	715,569	1,080,625	1,384,385	1,729,607	1,909,179	1,967,179
Insurance account:						
Number of certificates in force at end of year.....	6,462,293	7,036,148	7,740,156	8,364,071	9,412,281	8,546,524
Amount written during year.....	562,794	522,305	668,775	879,565	1,049,315	1,034,161
Amount in force at end of year.....	6,182,538	6,281,644	6,923,482	8,349,249	9,211,110	9,417,447

<sup>1</sup> Includes expenditures not shown separately.

<sup>2</sup> Includes taxes.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume.

**NO. 571.—LIFE INSURANCE OF ASSESSMENT LIFE ASSOCIATIONS: 1935 TO 1953**

[Amounts in thousands of dollars. Covers transactions (domestic and foreign) of U. S. associations. Excludes U. S. business of foreign associations]

ITEM	1935	1940	1945	1950	1952	1953
Number reporting.....	59	58	43	51	106	120
Income, total.....	15,869	25,594	69,575	115,977	137,105	180,950
Net amount received from members.....	14,610	24,305	65,443	111,111	131,643	173,714
All other receipts.....	1,259	1,289	4,133	4,865	5,462	7,236
Expenditures, total <sup>1</sup> .....	14,239	21,373	54,362	108,183	123,919	142,797
Paid for death claims.....	2,590	3,051	5,146	7,593	7,997	6,252
Other payments to members.....	4,863	7,666	24,560	56,191	61,890	72,904
Paid to agents and medical examiners.....	3,868	6,357	14,451	21,900	31,553	34,507
Expenses of management <sup>2</sup> .....	2,707	3,766	7,941	22,247	20,185	62,262
Total admitted assets, Dec. 31.....	25,452	27,152	77,315	144,307	153,666	198,406
Total liabilities, Dec. 31.....	17,526	20,944	51,262	89,402	86,422	122,954
Insurance account:						
Number of certificates in force at end of year.....	637,816	1,073,031	2,192,823	<sup>3</sup> 293,594	<sup>4</sup> 1,577,064	<sup>5</sup> 4,460,689
Amount written during year.....	74,725	71,350	67,837	<sup>6</sup> 64,736	<sup>7</sup> 130,732	<sup>8</sup> 184,001
Amount in force at end of year.....	241,747	204,217	284,645	439,960	621,223	<sup>9</sup> 649,400

<sup>1</sup> Includes expenditures not shown separately.

<sup>2</sup> Includes taxes.

<sup>3</sup> 22 companies reporting.      <sup>4</sup> 100 companies reporting.

<sup>5</sup> 114 companies reporting.

<sup>6</sup> 42 companies reporting.      <sup>7</sup> 79 companies reporting.

<sup>8</sup> 84 companies reporting.

<sup>9</sup> 95 companies reporting.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume.

**NO. 572.—ACCIDENT AND HEALTH BUSINESS OF CASUALTY AND LIFE INSURANCE COMPANIES: 1952 AND 1953**

[In thousands of dollars]

ITEM	1952			1953		
	Aggregate	Casualty	Life	Aggregate	Casualty	Life
Premiums written:						
Accident and health.....	856,177	351,011	505,165	1,011,768	372,527	639,241
Group accident and health.....	1,027,823	391,452	636,371	1,260,019	309,620	950,399
Premiums earned:						
Accident and health.....	826,442	340,678	485,765	985,566	362,941	622,625
Group accident and health.....	1,002,765	376,929	625,836	1,234,915	304,280	930,635
Losses incurred (including adjustment expenses):						
Accident and health.....	424,593	189,170	235,423	495,099	198,846	296,253
Group accident and health.....	866,288	316,373	549,914	1,057,561	246,309	811,252
Underwriting expenses incurred:						
Accident and health.....	372,613	133,162	239,451	444,298	142,147	302,151
Group accident and health.....	136,803	52,881	83,923	161,766	46,336	115,430

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Casualty and Surety Volume.

## No. 573.—FIRE LOSSES, TOTAL AND PER CAPITA: 1876 TO 1954

[Amounts, except per capita, in thousands of dollars. Continental United States only. Prior to 1916 figures are as compiled by the New York Journal of Commerce and include losses of \$10,000 or over in the principal cities of the United States, adding 15 percent for small and unreported losses. These figures are not comparable with those shown for later years (the 1916 Journal of Commerce figure being \$214,531,000 as against \$258,378,000) which cover all fires reported to the Actuarial Bureau Committee, adding 25 percent for unreported and uninsured losses prior to 1935 and 30 percent thereafter. Estimated fire losses are based on paid losses through 1953, on incurred losses thereafter]

YEARLY AVERAGE OR YEAR	LOSS		YEAR	LOSS		YEAR	LOSS		
	Amount	Index <sup>1</sup> 1926=100		Amount	Index <sup>1</sup> 1926=100		Amount	Index <sup>1</sup> 1926=100	Per capita <sup>2</sup>
1876-1880-----	69,912		1916-----	258,378	103.6	1936-----	266,659	56.1	\$2.08
1881-1885-----	95,753		1917-----	289,535	103.1	1937-----	254,959	52.1	1.97
1886-1890-----	113,627		1918-----	353,879	110.1	1938-----	258,478	54.4	1.99
1891-1895-----	148,988		1919-----	320,540	91.6	1939-----	275,102	57.7	2.10
1896-1900-----	136,043		1920-----	447,887	99.1	1940-----	285,879	57.3	2.17
1901-----	165,818	139.1	1921-----	495,406	135.4	1941-----	303,895	56.1	2.28
1902-----	161,078	133.5	1922-----	506,541	123.0	1942-----	314,295	49.7	2.35
1903-----	145,302	114.9	1923-----	535,373	110.9	1943-----	373,000	60.4	2.78
1904-----	229,198	168.9	1924-----	549,062	115.6	1944-----	437,273	69.6	3.29
1905-----	165,222	113.8	1925-----	559,418	109.8	1945-----	484,274	( <sup>4</sup> )	3.66
1906-----	518,612	342.8	1926-----	561,981	100.0	1946-----	554,070	( <sup>4</sup> )	3.96
1907-----	215,085	125.7	1927-----	472,934	88.3	1947-----	647,860	( <sup>4</sup> )	4.52
1908-----	217,886	129.7	1928-----	464,607	84.4	1948-----	715,074	( <sup>4</sup> )	4.89
1909-----	188,705	105.9	1929-----	459,446	79.0	1949-----	651,534	( <sup>4</sup> )	4.38
1910-----	214,003	112.2	1930-----	501,981	94.0	1950-----	648,909	( <sup>4</sup> )	4.29
1911-----	217,005	110.9	1931-----	451,644	89.8	1951-----	730,084	( <sup>4</sup> )	4.76
1912-----	206,439	102.5	1932-----	400,860	88.6	1952-----	815,134	( <sup>4</sup> )	5.23
1913-----	203,764	98.0	1933-----	271,453	62.1	1953-----	864,863	( <sup>4</sup> )	5.46
1914-----	221,439	104.1	1934-----	271,197	56.5	1954-----	870,984	( <sup>4</sup> )	5.40
1915-----	172,033	77.3	1935-----	235,263	47.9				

<sup>1</sup> Adjusted for fluctuations in commodity prices and for variations in amount of property exposed to loss.

<sup>2</sup> Based on population estimates of the Bureau of the Census. Excludes Armed Forces overseas.

<sup>3</sup> See headnote. <sup>4</sup> Not available.

Source: National Board of Fire Underwriters, New York, N. Y.; *Report of the Committee on Statistics and Origin of Losses*.

## No. 574.—ESTIMATED NUMBER OF FIRES IN COMMUNITIES OF 2,500 OR MORE, BY TYPE OF OCCUPANCY: 1948 TO 1954

[Estimates based on reports received from fire chiefs]

TYPE OF OCCUPANCY	1948	1949	1950	1951	1952	1953	1954
Number of cities reporting fires-----	1,945	1,866	1,917	1,613	2,356	2,519	2,662
Number of fires, total-----	802,545	817,210	838,145	856,703	933,733	918,304	845,116
Building fires-----	388,935	385,977	389,910	418,871	423,019	416,543	399,182
Residential-----	274,582	271,110	280,399	293,776	300,566	294,737	289,379
Nonresidential assembly-----	14,403	13,942	13,917	14,725	14,502	15,183	13,834
Mercantile-----	49,156	50,352	45,468	46,385	47,929	46,083	44,610
Manufacturing-----	22,150	21,216	21,054	23,509	22,600	23,495	19,164
Storage-----	7,802	8,514	7,561	7,963	8,887	8,601	7,656
Miscellaneous-----	20,842	20,843	21,511	32,513	28,535	28,444	24,539
Nonbuilding fires-----	413,610	431,233	448,235	437,832	560,714	501,761	445,934
In grass or brush-----	242,495	255,308	259,202	262,168	365,555	320,585	284,519
Other-----	171,115	175,925	189,033	175,664	195,159	181,176	161,415

Source: National Board of Fire Underwriters, New York, N. Y.; *Report of the Committee on Statistics and Origin of Losses*.



## No. 575.—BUSINESS OF FIRE, MARINE, AND CASUALTY INSURERS: 1935 TO 1952

[Money figures in thousands of dollars. Data cover transactions of both United States and foreign stock, mutual, and reciprocal companies in continental U. S., Territories, and possessions]

ITEM	1935	1940	1945	1950	1951	1952
<b>ALL COMPANIES</b>						
Total admitted assets, Dec. 31	3,951,865	5,002,220	7,670,729	13,084,840	14,503,897	16,259,907
Total liabilities except capital, Dec. 31 <sup>1</sup>	1,995,829	2,654,036	4,486,578	8,579,174	9,605,691	10,815,996
Unearned premiums reserve	1,071,343	1,379,654	1,968,186	4,314,733	4,864,705	5,450,830
Reserve for losses <sup>2</sup>	623,489	864,527	1,602,129	2,842,333	3,237,975	3,686,138
Capital paid up, Dec. 31 <sup>3</sup>	487,673	551,120	638,630	824,817	849,374	947,969
Surplus over capital and liabilities <sup>4</sup>	1,468,363	1,797,064	2,545,521	3,680,848	4,048,832	4,495,912
Net premiums written	1,633,856	2,141,178	3,110,124	6,813,660	7,767,035	8,737,929
Premiums earned	1,548,191	2,024,901	2,860,638	6,251,352	7,200,410	8,195,795
Total income	1,811,626	2,341,612	3,361,537	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Losses paid	648,455	842,449	1,321,362	2,785,717	3,527,576	3,883,271
Expenses paid	641,013	776,484	1,018,048	2,783,428	3,094,865	3,423,573
Losses incurred <sup>2</sup>	754,209	1,024,937	1,627,602	3,530,314	4,377,291	4,867,813
Expenses incurred (includes taxes)	659,248	844,029	1,105,856	2,326,924	2,587,743	2,881,905
<b>STOCK COMPANIES</b>						
Number reporting	513	551	564	585	592	634
Total admitted assets, Dec. 31	3,430,367	4,234,336	6,332,533	10,706,400	11,562,674	12,901,212
Total liabilities except capital, Dec. 31 <sup>1</sup>	1,712,701	2,177,817	3,565,168	6,883,266	7,539,913	8,452,136
Unearned premiums reserve	940,484	1,177,071	1,651,849	3,653,382	3,993,399	4,444,543
Reserve for losses <sup>2</sup>	519,495	668,189	1,216,167	2,130,736	2,390,713	2,695,788
Capital paid up, Dec. 31	481,320	532,854	623,053	781,275	803,859	876,009
Surplus over capital and liabilities <sup>4</sup>	1,236,346	1,523,665	2,144,312	3,041,829	3,218,902	3,573,067
Net premiums written	1,354,355	1,729,639	2,464,405	5,189,898	5,831,978	6,554,318
Premiums earned	<sup>6</sup> 1,317,323	1,643,411	2,256,134	4,828,182	5,443,361	6,141,810
Total income	1,508,836	1,902,109	2,675,849	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Losses paid	549,477	685,006	1,063,877	2,098,717	2,689,150	2,933,760
Expenses paid	570,944	673,070	870,525	2,265,640	2,477,685	2,705,113
Dividends paid to stockholders	81,949	90,595	101,826	<sup>7</sup> 139,223	<sup>7</sup> 151,634	<sup>7</sup> 139,766
Dividends paid to policyholders	3,674	9,791	15,016	<sup>7</sup> 27,023	<sup>7</sup> 22,502	<sup>7</sup> 29,328
Net remittance to home office	19,985	12,910	13,845	<sup>7</sup> 15,897	<sup>7</sup> 6,236	<sup>7</sup> 13,545
Other disbursements	135,941	243,975	295,043	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Losses incurred <sup>2</sup>	<sup>6</sup> 654,834	834,236	1,283,811	2,698,345	3,316,993	3,629,379
Expenses incurred (includes taxes)	<sup>6</sup> 588,013	739,485	938,532	1,936,526	2,113,247	2,324,486
<b>MUTUAL COMPANIES</b>						
Number reporting	194	271	266	286	327	356
Total admitted assets, Dec. 31	462,535	676,162	1,205,838	2,135,398	2,591,605	2,960,059
Total liabilities except capital, Dec. 31 <sup>1</sup>	257,028	427,826	837,909	1,535,959	1,824,204	2,096,861
Unearned premiums reserve	116,614	180,293	290,593	593,621	768,568	888,154
Reserve for losses <sup>2</sup>	95,529	180,694	354,009	652,543	758,816	887,875
Guaranty fund	6,353	14,977	12,824	36,208	36,995	55,997
Surplus over capital and liabilities <sup>4</sup>	199,154	233,359	355,105	563,231	730,405	807,201
Net premiums written	245,787	360,419	578,111	1,453,216	1,694,941	1,878,871
Premiums earned	<sup>6</sup> 230,868	<sup>6</sup> 326,564	540,978	1,256,847	1,521,466	1,775,642
Total income	266,439	384,035	612,694	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Losses paid	85,583	137,706	228,663	618,048	728,389	813,490
Expenses paid	59,712	87,861	127,214	458,026	528,697	615,033
Dividends paid to policyholders	59,003	72,041	101,260	<sup>7</sup> 148,178	<sup>7</sup> 182,191	<sup>7</sup> 198,492
Other disbursements	21,245	39,671	58,941	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Losses incurred <sup>2</sup>	<sup>6</sup> 99,375	<sup>6</sup> 164,881	300,162	739,578	915,250	1,068,454
Expenses incurred (includes taxes)	<sup>6</sup> 71,235	<sup>6</sup> 88,565	147,260	339,991	404,692	475,352
<b>RECIPROCAL ORGANIZATIONS</b>						
Number reporting	33	57	51	51	66	73
Total admitted assets, Dec. 31	58,963	91,722	132,358	243,042	349,618	398,636
Total liabilities except capital, Dec. 31 <sup>1</sup>	26,100	48,393	83,501	159,920	241,574	266,999
Unearned premium reserve	14,245	22,289	25,744	67,730	102,738	118,133
Reserve for losses <sup>2</sup>	8,466	15,644	31,953	59,055	88,446	102,475
Guaranty fund	( <sup>5</sup> )	3,289	2,753	7,333	8,520	15,963
Surplus over capital and liabilities <sup>4</sup>	<sup>3</sup> 32,863	40,040	46,104	75,789	99,525	115,674
Net premiums written	33,714	51,121	67,608	170,543	240,116	304,740
Premiums earned	( <sup>5</sup> )	54,927	63,526	166,324	235,583	278,343
Total income	36,352	55,468	72,994	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Losses paid	13,396	19,737	28,821	68,952	110,037	136,021
Expenses paid	10,356	15,553	20,309	59,762	88,483	103,427
Dividends paid to subscribers	5,852	9,670	7,461	<sup>7</sup> 10,500	<sup>7</sup> 14,430	<sup>7</sup> 14,136
Other disbursements	2,958	6,894	9,956	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Losses incurred <sup>2</sup>	( <sup>5</sup> )	25,820	43,630	92,391	145,048	169,980
Expenses incurred (includes taxes)	( <sup>5</sup> )	15,979	20,064	50,407	69,804	82,067

<sup>1</sup> Includes voluntary reserve.<sup>3</sup> Includes adjustment expenses.<sup>5</sup> Includes guaranty fund.<sup>4</sup> Excludes voluntary reserve.<sup>6</sup> Not available.<sup>7</sup> Based on incomplete returns.<sup>2</sup> Incurred basis. Paid basis not available.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Fire and Marine Volume and Casualty and Surety Volume.

# No. 576.—LIFE, FIRE, AND CASUALTY INSURANCE BUSINESS, BY STATES AND OTHER AREAS: 1952

[In thousands of dollars. Figures here differ from corresponding items in preceding tables because data by States are compiled for all companies operating in each State whereas aggregates shown in other tables cover data for companies from which annual reports were obtained]

STATE OR OTHER AREA	LIFE			FIRE AND CASUALTY	
	Premiums received	Insurance in force, Dec. 31	Terminations	Premiums written	Losses paid
<b>Total</b> .....	7,560,687	304,994,057	22,374,748	11,205,811	5,531,354
Alabama.....	95,740	3,465,843	486,682	104,924	48,383
Arizona.....	22,005	887,470	75,799	46,361	21,072
Arkansas.....	33,777	1,361,959	182,359	67,674	34,863
California.....	488,441	20,336,119	1,355,312	1,035,910	521,329
Colorado.....	58,922	2,307,368	196,701	83,508	38,771
Connecticut.....	136,602	5,421,649	285,995	202,736	98,735
Delaware.....	23,456	945,079	91,103	22,676	9,213
District of Columbia.....	49,891	2,242,663	187,891	47,901	20,458
Florida.....	131,385	4,334,237	746,218	200,299	86,600
Georgia.....	132,305	5,040,537	817,851	158,126	72,997
Idaho.....	16,062	604,654	51,698	36,771	16,191
Illinois.....	508,058	20,394,556	1,290,907	726,775	364,948
Indiana.....	181,619	7,955,544	552,181	297,666	144,122
Iowa.....	100,410	3,999,323	220,656	167,832	84,346
Kansas.....	74,135	3,065,942	239,062	141,622	66,310
Kentucky.....	81,852	3,230,106	313,803	121,756	56,453
Louisiana.....	82,221	3,318,763	296,033	151,198	67,931
Maine.....	34,927	1,233,260	82,194	51,488	22,919
Maryland.....	125,176	4,751,028	362,385	151,926	71,934
Massachusetts.....	269,400	9,998,142	563,231	411,127	218,393
Michigan.....	289,179	12,887,458	935,449	507,934	289,182
Minnesota.....	118,916	4,931,298	292,879	191,736	96,129
Mississippi.....	34,299	1,366,384	136,953	75,344	36,456
Missouri.....	175,789	7,196,554	573,034	256,362	117,456
Montana.....	20,334	772,193	41,705	38,210	16,024
Nebraska.....	53,351	2,131,978	145,891	87,792	41,807
Nevada.....	5,777	234,836	5,138	13,599	6,451
New Hampshire.....	26,587	937,839	57,985	43,284	21,255
New Jersey.....	323,696	12,666,310	673,997	417,233	204,630
New Mexico.....	16,783	641,206	72,916	39,105	19,628
New York.....	970,170	38,220,076	2,071,732	1,574,362	802,677
North Carolina.....	125,792	4,971,885	578,003	165,094	80,279
North Dakota.....	15,335	621,854	36,070	31,365	15,306
Ohio.....	440,805	18,267,736	1,140,533	559,491	283,988
Oklahoma.....	63,497	2,767,398	278,695	135,371	66,117
Oregon.....	55,593	2,190,673	174,810	117,636	53,776
Pennsylvania.....	599,798	23,672,147	1,566,385	693,907	349,327
Rhode Island.....	46,191	1,651,353	105,152	54,923	28,717
South Carolina.....	72,799	2,710,651	506,180	89,285	41,840
South Dakota.....	17,883	662,876	49,973	36,215	17,594
Tennessee.....	100,910	4,150,692	461,929	151,066	76,788
Texas.....	270,274	12,296,209	1,316,888	573,393	252,248
Utah.....	27,204	1,135,301	108,749	34,257	16,183
Vermont.....	15,435	545,026	36,103	24,448	11,388
Virginia.....	127,381	4,824,129	491,054	159,921	72,525
Washington.....	87,555	3,636,469	297,385	155,420	70,642
West Virginia.....	59,144	2,494,347	234,668	85,851	45,516
Wisconsin.....	154,435	6,228,953	321,329	235,480	113,228
Wyoming.....	9,305	397,133	26,307	17,060	6,864
Alaska.....	1,766	66,369	4,073	-----	-----
Canal Zone.....	296	13,906	2,331	-----	-----
Hawaii.....	22,416	880,643	54,801	-----	-----
Puerto Rico.....	4,902	133,279	14,391	-----	-----
Canada.....	418,811	19,238,097	753,735	411,776	211,359
Mexico.....	183	63,115	14,540	-----	-----
Philippine Islands.....	6,815	140,527	17,748	-----	-----
Foreign countries.....	7,834	177,074	9,144	-----	-----
Miscellaneous.....	127,063	4,175,841	368,032	-----	-----

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Life Volume, Fire and Marine Volume, and Casualty and Surety Volume.



## 17. Business Enterprise

Statistics in this section relate in general to the place and behavior of the business firm and business initiative in the American economy. The data include measures of and changes in the numbers of businesses; assets and liabilities of corporations; types of business income and expenditures; business sales and inventories; and patents and designs registered.

The principal sources of these data are the *Survey of Current Business* and its *National Income Supplement* published by the Office of Business Economics, Department of Commerce; the *Federal Reserve Bulletin* issued by the Board of Governors of the Federal Reserve System; and *Dun's Statistical Review* published by Dun and Bradstreet. Other sources are publications of the Securities and Exchange Commission, the Internal Revenue Service, and the United States Patent Office.

**Firms in operation, entering, and leaving.**—Estimates of firms in existence and discontinued are compiled by the Office of Business Economics on the basis of data from the Bureau of the Census, the Internal Revenue Service, and the Bureau of Old-Age and Survivors Insurance.

A business firm is defined by the Office of Business Economics as a business organization under a single management and may include one or more plants or outlets; a firm doing business in more than one industry is included only in that industry accounting for the highest proportion of its total employment. A self-employed person is considered a firm only if he has either one or more employees or has an established place of business. This count of firms differs from that of the Bureau of the Census which ordinarily represents a count of establishments, e. g., manufacturing plants or retail stores.

The number of new and discontinued businesses is estimated from tabulations prepared by the Bureau of Old-Age and Survivors Insurance, which show the number of employer identification numbers issued and canceled each quarter.

Business transfers represent purchases of going businesses, acquisitions of businesses through inheritance, transfers of businesses to a trustee or executor, as well as changes in the form of business organization.

Information on new corporations is collected by Dun and Bradstreet and is available monthly, by States, beginning in July 1945. The statistics include completely new businesses which are incorporated, changes in existing businesses from the non-corporate to the corporate form of organization, the transfer of an existing corporation to a new State, etc.

**Industrial and commercial failures.**—These data are collected by Dun and Bradstreet, and are available by years since 1857 and by months since 1900. The number of failures includes concerns involved in court proceedings or voluntary actions likely to end in loss to creditors; discontinuances with outside obligations paid in full are not included. Data cover manufactures, wholesalers, retailers, building contractors, and certain types of commercial service, but do not encompass all business enterprises. Specific types of business not listed are: Finance, insurance, and real estate companies; railroads and steamship lines; amusement enterprises. Failures data are published monthly in summary form in *Dun's Review & Modern Industry* and in detailed tabulations in *Dun's Statistical Review*.

**Corporate assets and liabilities.**—Data on corporate assets and liabilities are from the Internal Revenue Service and the Securities and Exchange Commission. In its annual report, *Statistics of Income*, Part 2, the Internal Revenue Service presents abbreviated balance sheet and income account data for all United States corporations. In a quarterly release entitled *Net Working Capital of U. S. Corporations*, the Securities and Exchange Commission publishes data on the net working capital position of all United States corporations, exclusive of banks and insurance companies, showing the principal components of current assets and liabilities.

Note.—This section presents data for the most recent year or period available on April 4, 1955, when the material was organized and sent to the printer. In some instances, more recent data were added later.

**Corporate income, profits, dividends, and taxes.**—Several agencies (the Internal Revenue Service, the Office of Business Economics, and the Federal Reserve Board) compile corporate income account data. These data, however, are not comparable because of differing methods of compilation.

The Internal Revenue Service publishes corporate data based on income tax returns in its annual *Statistics of Income*, Part 2.

The corporate data issued by the Office of Business Economics are a part of its national income and product accounts and are defined as required for purposes of national income estimation. The primary sources of data for the Office of Business Economics estimates of profits, taxes, dividends, and undistributed profits are the original corporate tax returns submitted to the Internal Revenue Service, and summarized in the annual report on *Statistics of Income*, Part 2. Various adjustments of the *Statistics of Income* data have been required by the national income treatment, particularly with respect to depletion, capital gain or loss, and intercorporate dividends, and because the original corporate income statements do not represent the final stage of information.

Federal Reserve Board data relating to profits and dividends apply to particular industrial segments only, such as large manufacturing corporations and public utility corporations.

**Sources and uses of corporate funds.**—These data indicate capital requirements of corporations and the manner in which they are financed. Sources of funds are equal to their uses. Certain discrepancies, however, apart from errors in estimation, interfere with this equality. These discrepancies are not particularly significant and are due to omission of such factors as (1) money accruing to corporations from an excess of sales over purchases of used plant and equipment, (2) transactions in securities held as permanent investments except public offerings, and (3) the fact that net new issues omit entrepreneurial capital for new corporations where no offering or sales of securities are made to the public or to institutions. Neither is liquidation of such corporations reflected.

**Business sales and inventories.**—Business sales and inventories are defined as the sum of data for manufacturing, wholesale, and retail trade. Sales are estimated aggregate values and inventories are book values at the end of the year. Sales signifies sales or shipments for retail and wholesale trade and billings or shipments for manufacturing. Trade inventories are valued at cost of merchandise on hand, while manufacturer's inventories are valued at the cost price or market price, whichever is lower. The data on sales and inventory for manufactures are based on annual data through 1949, published by the Bureau of Internal Revenue in *Statistics of Income*, Part 2, with an adjustment for unincorporated manufacturing concerns.

**Net change in business inventories.**—To ascertain net physical change in nonfarm inventories, book values of beginning and ending inventories of each year are expressed in terms of constant base year prices by means of selected Bureau of Labor Statistics wholesale price indexes appropriate to each industry. Net increment in deflated book value figures is then converted to a current price basis by index ratios of current prices to base year prices. No inventory valuation adjustment is shown for farm inventories because change in farm inventories is estimated (by the Department of Agriculture) from physical quantity data.

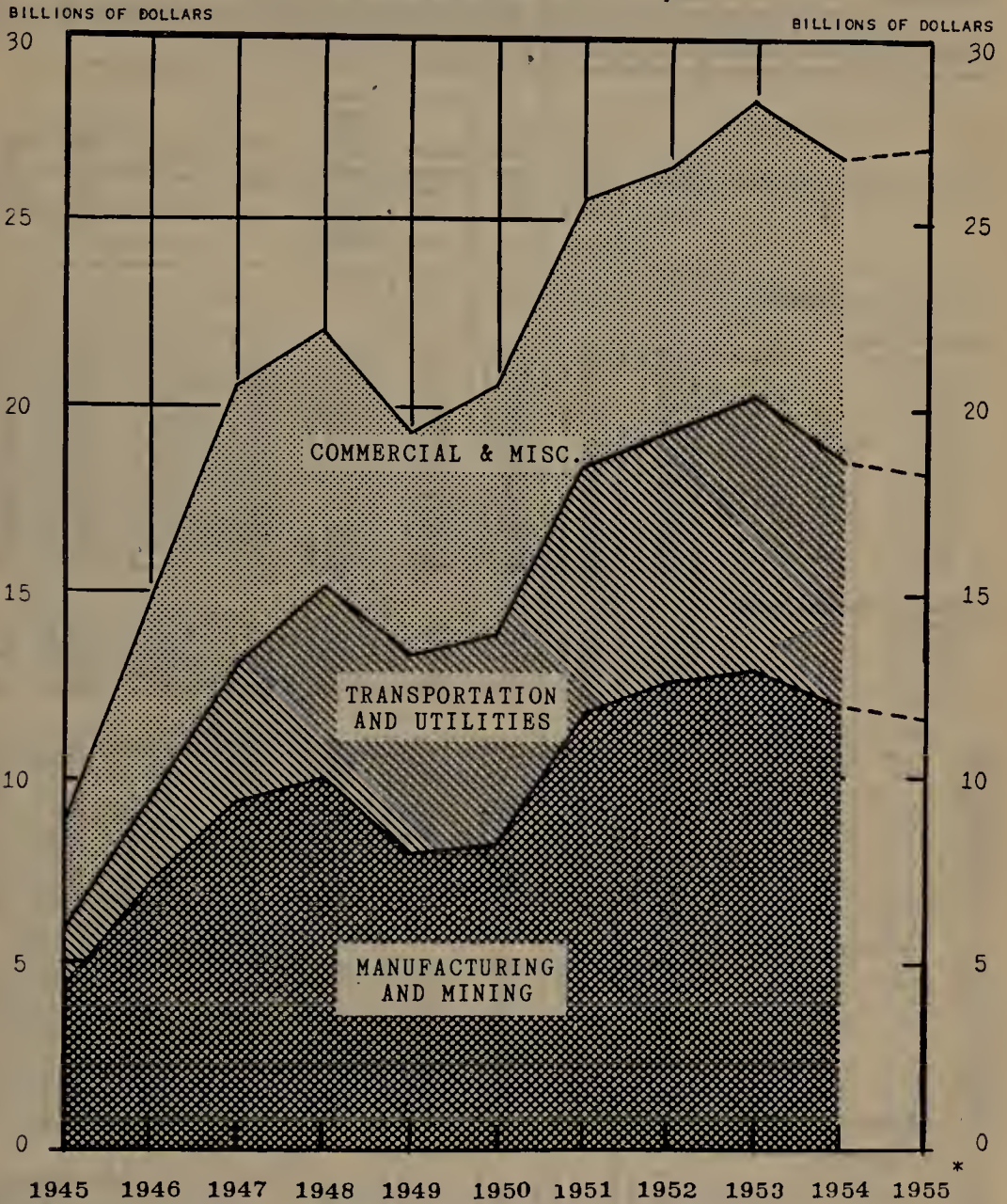
**Plant and equipment expenditures of U. S. business.**—A joint survey by the Securities and Exchange Commission and the Department of Commerce presents quarterly data on actual expenditures of U. S. business, other than agriculture, and anticipated expenditure for the next two quarters. In addition, a survey is made at the beginning of each year of plans of business as regards capital expenditures during that year. The data are based on reports submitted by corporations registered with the Securities and Exchange Commission and by a large sample of nonregistered manufacturing and retail companies, unincorporated as well as corporate, reporting to the Department of Commerce.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series P 176-187") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.



FIG. XXXVIII.—BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT:  
1945 TO 1955

[Excludes agriculture. See table 591]



\*Anticipated by business.

Source: Securities and Exchange Commission and Department of Commerce, Office of Business Economics.

# No. 577.—AVERAGE NUMBER OF FIRMS IN OPERATION, 1929 TO 1954, AND NEW AND DISCONTINUED BUSINESSES, 1940 TO 1954

[In thousands. Data are for continental United States. Excludes firms in agriculture and the professional services. New businesses include only firms which have been newly established; going concerns which have been purchased are considered business transfers. Discontinued businesses include closures of all kinds without reference to reason for discontinuing—e. g., failure, retirement, illness of proprietor, etc.]

STATUS OF FIRMS AND YEAR	All industries	Mining and quarrying	Contract construction	Manufacturing	Transportation, communication, and other public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Service industries
<b>FIRMS IN OPERATION</b>									
<b>Annual averages:</b>									
1929-----	3,029.0	36.3	233.8	257.0	119.5	148.1	1,327.0	316.2	590.9
1930-----	2,993.7	33.4	230.2	228.1	116.0	146.6	1,325.5	315.2	598.7
1933-----	2,782.1	32.8	185.4	166.8	107.6	141.8	1,291.2	281.7	574.9
1935-----	2,991.9	35.5	180.2	205.0	127.2	157.0	1,387.2	283.8	615.8
1940-----	3,290.8	35.6	198.8	226.0	149.6	186.4	1,567.4	300.6	626.3
1945-----	3,113.9	32.2	176.8	258.4	144.2	196.9	1,403.5	310.3	591.5
1947-----	3,783.2	35.2	292.6	312.0	173.2	250.9	1,685.9	321.9	711.5
1948-----	3,948.3	37.2	329.0	320.0	178.8	257.9	1,763.8	323.4	738.3
1949-----	4,000.0	37.0	347.5	320.5	179.1	261.8	1,794.3	323.0	736.8
1950-----	4,050.7	37.0	370.5	320.7	179.5	266.2	1,815.8	325.5	735.6
1951-----	4,108.5	37.4	388.6	327.2	182.7	273.1	1,834.0	329.9	735.5
1952-----	4,167.4	38.1	411.0	328.8	184.0	280.5	1,850.8	334.7	739.5
1953-----	4,193.9	38.3	428.4	325.5	183.5	284.7	1,855.3	337.8	740.4
<b>Number in operation as of June 30—</b>									
1951-----	4,116.9	37.5	390.7	328.8	183.3	273.7	1,836.4	330.3	736.3
1952-----	4,175.4	38.1	414.0	329.6	183.8	280.9	1,853.6	335.0	740.4
1953-----	4,205.7	38.4	432.3	326.6	184.1	285.0	1,859.2	338.2	741.9
1954 <sup>1</sup> -----	4,200.0	38.6	440.3	319.0	179.5	287.4	1,853.6	340.8	740.6
<b>NEW BUSINESSES</b>									
1940-----	275.2	5.3	21.9	29.2	16.7	20.4	117.9	14.7	49.2
1945-----	422.7	4.0	55.8	37.2	26.7	30.2	161.4	22.9	84.5
1947-----	460.8	4.9	73.8	39.7	26.9	29.8	179.5	15.9	90.3
1948-----	393.3	5.3	65.0	34.6	23.9	24.4	151.2	16.0	72.9
1949-----	331.1	3.6	54.2	25.8	18.5	21.1	135.5	14.7	57.5
1950-----	348.2	4.1	64.1	30.0	21.4	21.6	133.0	18.6	55.5
1951-----	363.2	4.3	63.1	31.0	21.5	22.6	140.0	21.2	56.6
1952-----	363.9	4.2	69.5	28.5	23.9	22.7	141.4	19.3	54.3
1953-----	340.5	3.8	64.2	26.5	19.1	20.5	135.4	18.3	52.7
1954 (first half)-----	188.9	2.3	35.7	13.0	10.9	11.0	75.3	10.3	30.3
<b>DISCONTINUED</b>									
1940-----	318.1	3.6	30.0	21.7	20.7	13.9	137.6	16.8	73.7
1945-----	175.6	3.0	16.9	26.4	13.5	7.3	59.2	11.2	38.3
1947-----	239.2	3.1	31.6	26.8	19.6	17.7	76.5	14.9	49.0
1948-----	282.0	4.0	36.3	27.4	19.7	19.1	98.5	14.7	62.3
1949-----	306.5	4.5	40.7	30.8	21.0	18.0	115.5	15.5	60.7
1950-----	289.6	3.7	39.2	24.7	18.3	16.3	115.0	14.5	57.8
1951-----	309.3	3.7	46.7	26.4	23.4	15.2	123.7	16.1	54.1
1952-----	306.4	3.7	45.5	29.1	20.4	15.8	125.7	15.4	50.8
1953-----	334.0	3.7	50.6	31.5	23.9	17.8	138.5	15.4	52.6
1954 (first half) <sup>1</sup> -----	175.0	2.0	26.7	15.8	11.9	9.2	71.6	8.3	28.7
<b>TRANSFERS</b>									
1945-----	473.2	2.4	9.9	21.3	11.9	15.7	307.6	21.5	82.9
1947-----	571.9	2.9	18.1	31.3	14.7	20.4	374.8	16.1	93.6
1948-----	501.3	2.9	17.0	28.9	13.0	17.3	327.0	16.6	78.5
1949-----	434.7	2.4	15.7	21.9	11.1	16.0	286.1	15.5	66.9
1950-----	419.4	2.3	14.8	20.6	10.2	14.4	277.8	16.1	63.1
1951-----	378.3	2.1	12.7	16.9	8.5	11.6	253.8	15.3	57.3
1952-----	374.9	2.1	13.8	17.5	8.6	13.4	251.4	13.8	54.2
1953-----	357.2	2.0	14.1	16.4	8.1	12.8	237.6	12.9	52.4
1954 (first half)-----	181.8	0.9	7.3	7.8	4.3	6.5	121.5	6.9	26.6
<b>ITEM</b>	<b>1945</b>	<b>1947</b>	<b>1948</b>	<b>1949</b>	<b>1950</b>	<b>1951</b>	<b>1952</b>	<b>1953</b>	<b>1954</b>
New incorporations <sup>2</sup> -----	<sup>3</sup> 35.8	112.6	96.1	85.5	92.9	83.6	92.8	102.5	117.2

<sup>1</sup> Preliminary. <sup>2</sup> Compiled by Dun and Bradstreet, Inc.

<sup>3</sup> 47 States (excludes Louisiana), for July to December only.

Source: Department of Commerce, Office of Business Economics; published currently in *Survey of Current Business*.



No. 578.—NUMBER OF FIRMS IN OPERATION, 1949 TO 1951, AND NEW, DISCONTINUED, AND TRANSFERRED BUSINESSES, 1949 AND 1950, BY INDUSTRY

[In thousands. See headnote, table 577]

INDUSTRY	FIRMS IN OPERATION JUNE 30—			NEW BUSI- NESSES		DISCONTINUED BUSINESSES		TRANSFERRED BUSINESSES	
	1949	1950	1951	1949	1950	1949	1950	1949	1950
<b>All industries</b> .....	3,999.5	4,056.9	4,116.9	331.1	348.2	306.5	289.6	434.7	419.4
Mining and quarrying.....	36.9	37.0	37.5	3.6	4.1	4.5	3.7	2.4	2.3
Contract construction.....	348.8	374.5	390.7	54.2	64.1	40.7	39.2	15.7	14.8
Manufacturing.....	320.4	321.1	328.8	25.8	30.0	30.8	24.7	21.9	20.6
Food and kindred products.....	40.5	40.4	40.2	2.2	1.6	2.0	1.8	3.7	2.7
Textile-mill products.....	9.3	9.3	9.3	0.6	0.7	0.7	0.6	0.4	0.4
Apparel and other finished tex- tile products.....	39.4	39.1	39.0	4.0	3.8	4.2	4.3	2.4	2.2
Leather and leather products.....	6.5	6.3	6.4	0.4	0.5	0.7	0.6	0.3	0.3
Lumber and timber basic prod- ucts.....	49.8	49.9	54.3	7.1	10.8	11.0	7.7	3.3	3.5
Furniture and finished lumber products.....	12.9	12.8	12.7	1.0	0.9	1.3	0.9	1.0	0.9
Paper and allied products.....	3.9	3.9	3.9	0.2	0.2	0.2	0.1	0.1	0.1
Printing and publishing.....	41.2	41.9	42.2	2.1	1.9	1.4	1.4	3.2	3.0
Chemicals and allied products.....	11.8	11.9	12.1	0.7	0.7	0.7	0.5	0.6	0.6
Products of petroleum and coal.....	1.0	1.0	1.1	0.1	0.1	(1)	0.1	0.1	0.1
Stone, clay, and glass products.....	13.4	13.4	13.3	1.0	0.9	1.3	0.9	1.1	1.0
Primary metal industries.....	5.6	5.4	5.6	0.2	0.3	0.5	0.3	0.3	0.3
Fabricated metals.....	21.7	22.3	22.9	1.7	2.1	1.4	1.3	1.7	1.8
Machinery except electrical.....	23.5	23.5	25.4	1.4	2.1	1.8	1.1	1.5	1.5
Electrical machinery.....	4.8	5.0	5.3	0.4	0.5	0.4	0.3	0.2	0.2
Transportation equipment.....	5.2	5.1	5.2	0.3	0.4	0.6	0.4	0.3	0.3
Professional, scientific, and con- trolling instruments.....	4.3	4.4	4.4	0.3	0.3	0.3	0.2	0.2	0.2
Rubber products.....	1.1	1.1	1.2	0.1	0.1	0.1	0.1	0.1	0.1
Miscellaneous <sup>2</sup> .....	24.3	24.4	24.4	2.1	2.1	2.5	2.0	1.6	1.5
Transportation, communication, and other public utilities.....	178.8	179.4	183.3	18.5	21.4	21.0	18.3	11.1	10.2
Wholesale trade.....	262.1	266.3	273.7	21.1	21.6	18.0	16.3	16.0	14.4
Retail trade.....	1,793.7	1,817.4	1,836.4	135.5	133.0	115.5	115.0	286.1	277.8
General merchandise.....	72.4	73.8	74.7	3.3	3.2	2.2	2.1	5.3	5.2
Grocery, with and without meats.....	338.6	341.4	341.3	18.7	15.9	17.3	16.1	53.8	49.9
Meat and seafood.....	33.8	34.1	34.0	2.3	2.1	2.0	1.9	3.9	3.6
Other food.....	83.2	84.5	84.8	7.1	6.7	5.8	6.3	9.5	9.1
Motor vehicles.....	65.0	61.6	64.2	5.2	6.3	9.4	6.2	7.3	7.1
Filling stations.....	219.3	222.2	224.8	17.5	17.7	13.4	16.8	59.3	58.2
Automotive parts and acces- sories.....	24.7	25.6	26.4	1.9	2.2	1.3	1.1	2.1	2.4
Apparel.....	86.0	87.8	89.2	6.9	7.3	5.1	5.0	6.5	7.0
Shoes.....	16.8	17.3	17.6	1.5	1.4	0.9	1.0	1.4	1.3
Lumber and building materials.....	25.8	27.3	28.2	2.3	2.8	1.4	1.2	1.9	2.1
Hardware and farm implements.....	61.2	62.8	64.4	3.1	3.2	1.2	1.8	6.8	7.2
Appliances and radios.....	40.0	41.4	43.4	3.4	4.4	3.1	2.8	3.2	3.1
Home furnishings.....	50.4	52.8	55.6	5.2	5.5	3.4	2.9	4.1	4.1
Eating and drinking places.....	364.5	367.0	365.6	35.5	33.5	32.9	33.3	90.3	86.8
Drugs.....	53.9	54.3	54.6	1.7	1.6	1.4	1.6	4.6	4.9
Liquor.....	31.3	33.4	34.5	3.5	2.6	1.5	1.2	6.4	6.7
Miscellaneous retail.....	226.8	230.2	233.0	16.3	16.5	13.4	13.7	19.5	19.3
Finance, insurance, and real es- tate.....	322.7	325.7	330.3	14.7	18.6	15.5	14.5	15.5	16.1
Service industries.....	736.2	735.5	736.3	57.5	55.5	60.7	57.8	66.0	63.1
Hotels and other lodging places.....	67.6	66.8	68.6	4.2	4.7	4.7	5.0	8.9	9.4
Laundry, cleaning and garment repair.....	91.0	91.0	91.5	6.4	5.7	6.3	5.4	11.1	10.4
Barber and beauty shops.....	175.8	176.0	176.4	9.9	9.7	11.0	10.4	17.5	16.0
Other personal services.....	71.2	72.1	72.2	5.3	4.8	4.3	4.7	7.5	7.6
Business services.....	100.5	99.7	99.6	9.8	9.2	9.8	9.6	5.3	5.1
Automobile repair.....	80.5	78.9	77.2	6.0	5.4	8.2	7.1	5.3	4.6
Miscellaneous repair.....	86.0	84.6	83.9	7.0	7.6	10.1	8.8	4.7	4.3
Motion pictures.....	13.6	14.3	14.5	1.3	1.4	0.6	0.7	1.1	1.2
Other amusements.....	50.1	52.0	52.4	7.7	7.1	5.8	6.2	4.5	4.4

<sup>1</sup> Less than 50.

<sup>2</sup> Includes tobacco manufactures.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*.

**No. 579.—NUMBER OF FIRMS IN OPERATION, JAN. 1, 1950, 1951, AND 1954, AND  
NUMBER OF NEW AND DISCONTINUED BUSINESSES, 1949 AND 1950, BY STATES  
AND REGIONS**

[In thousands. Based on data from Bureau of Old-Age and Survivors Insurance. Firms doing business in more than 1 State counted only once and classified in State of firm's reporting headquarters]

REGION AND STATE	FIRMS IN OPERATION			NEW BUSINESSES		DISCONTINUED BUSINESSES	
	1950	1951	1954	1949	1950	1949	1950
<b>United States</b> .....	4,008.7	4,067.3	4,185.3	331.1	348.2	306.5	289.6
<b>New England</b> .....	270.3	272.1	270.0	18.0	20.1	18.8	18.2
Connecticut.....	60.9	61.0	63.5	4.6	4.6	4.3	4.5
Maine.....	27.2	27.8	27.3	1.8	2.4	2.0	1.8
Massachusetts.....	131.1	131.5	127.3	7.6	9.0	9.5	8.6
New Hampshire.....	17.0	17.4	16.7	1.5	1.5	1.3	1.2
Rhode Island.....	22.6	22.7	23.6	1.4	1.6	1.2	1.5
Vermont.....	11.4	11.7	11.5	1.1	0.9	0.4	0.6
<b>Middle East</b> .....	1,057.9	1,066.1	1,082.3	75.8	82.0	78.6	73.7
Delaware.....	9.3	9.3	9.6	0.7	0.7	0.6	0.7
District of Columbia.....	22.0	22.2	23.2	1.3	1.6	1.8	1.3
Maryland.....	51.6	52.9	58.4	3.9	4.7	4.0	3.4
New Jersey.....	149.7	151.3	154.3	10.4	11.4	9.1	9.8
New York.....	534.4	537.5	544.3	39.0	43.4	42.3	40.3
Pennsylvania.....	251.6	253.7	254.6	16.8	16.9	17.3	14.8
West Virginia.....	39.4	39.2	37.9	3.7	3.2	3.4	3.4
<b>Southeast</b> .....	608.1	628.0	687.3	61.5	65.2	44.2	45.3
Alabama.....	49.6	50.6	57.0	5.6	4.6	4.1	3.7
Arkansas.....	35.5	36.0	39.9	3.5	3.2	2.7	2.7
Florida.....	84.6	88.8	104.0	10.4	12.1	6.8	7.8
Georgia.....	63.5	65.6	75.1	6.9	7.3	4.8	5.2
Kentucky.....	52.5	54.7	55.7	4.9	5.1	4.8	2.8
Louisiana.....	52.6	54.2	62.0	5.4	5.8	4.7	4.2
Mississippi.....	32.6	33.3	32.9	3.0	3.0	1.8	2.3
North Carolina.....	71.8	74.2	83.0	7.2	6.7	4.1	4.2
South Carolina.....	36.0	37.4	40.8	3.4	3.6	1.9	2.2
Tennessee.....	61.0	61.7	62.6	5.8	6.2	3.5	5.4
Virginia.....	68.3	71.5	74.1	5.3	7.8	4.8	4.6
<b>Southwest</b> .....	300.7	310.4	336.8	33.4	33.0	23.9	23.3
Arizona.....	19.8	19.9	20.0	2.5	2.4	2.4	2.3
New Mexico.....	16.5	17.2	20.6	2.1	2.3	1.4	1.6
Oklahoma.....	54.5	56.2	59.9	5.0	5.7	3.9	4.0
Texas.....	209.9	217.2	236.4	23.9	22.7	16.2	15.4
<b>Central</b> .....	1,103.2	1,111.8	1,110.6	74.8	80.2	74.0	71.7
Illinois.....	271.3	270.1	258.9	17.0	18.1	19.2	19.4
Indiana.....	99.8	100.7	106.7	7.0	7.7	7.1	6.8
Iowa.....	78.4	79.1	82.9	5.1	5.0	4.0	4.4
Michigan.....	161.8	164.3	164.2	12.8	14.2	11.2	11.7
Minnesota.....	80.9	81.9	81.8	4.9	5.5	5.0	4.5
Missouri.....	109.8	111.5	117.3	8.0	8.8	7.8	7.1
Ohio.....	202.4	205.4	199.5	14.4	15.5	14.0	12.5
Wisconsin.....	98.9	98.9	99.4	5.7	5.5	5.6	5.4
<b>Northwest</b> .....	226.5	230.0	229.1	19.5	19.0	15.3	15.4
Colorado.....	38.3	39.3	39.6	4.1	4.2	3.0	3.3
Idaho.....	15.6	15.7	13.4	1.5	1.8	1.2	1.6
Kansas.....	57.2	58.6	63.4	4.5	4.2	3.6	2.8
Montana.....	18.2	18.0	16.1	1.4	1.4	1.5	1.5
Nebraska.....	39.2	39.3	37.4	2.8	2.6	2.1	2.5
North Dakota.....	15.1	15.4	15.0	1.2	1.0	1.3	0.7
South Dakota.....	18.6	18.8	19.4	1.5	1.4	0.9	1.2
Utah.....	15.5	15.8	16.4	1.5	1.5	1.0	1.1
Wyoming.....	8.7	9.0	8.4	1.0	0.9	0.7	0.6
<b>Far West</b> .....	442.1	448.8	469.3	48.0	48.7	51.8	42.0
California.....	322.6	327.3	342.9	35.8	34.8	39.5	30.1
Nevada.....	5.9	5.9	6.9	0.9	0.7	0.7	0.7
Oregon.....	48.4	50.2	51.9	4.8	6.7	5.6	5.0
Washington.....	65.2	65.5	67.6	6.5	6.4	5.9	6.2

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*.



## No. 580.—CORPORATION ASSETS AND LIABILITIES: 1930 TO 1952

[Money figures in millions of dollars. See headnote, table 552]

ITEM	1930	1935	1940	1945	1950	1951	1952 (prel.)
Returns of active corporations, number.....	463, 036	477, 113	473, 042	421, 125	629, 314	652, 376	672, 071
Balance sheets, number 1.....	403, 173	415, 205	413, 716	374, 950	569, 961	596, 385	615, 698
<b>Total assets or liabilities 2.....</b>	<b>334, 002</b>	<b>303, 150</b>	<b>320, 478</b>	<b>441, 461</b>	<b>598, 369</b>	<b>647, 524</b>	<b>721, 864</b>
<b>ASSETS</b>							
Cash 3.....	21, 012	23, 664	41, 423	57, 717	71, 018	76, 853	79, 597
Notes and accounts receivable 4.....	59, 675	38, 690	42, 864	51, 630	108, 639	119, 314	140, 901
Inventories.....	18, 771	14, 788	19, 463	26, 067	54, 496	63, 776	64, 520
Investments, government obligations 5.....	10, 228	21, 863	29, 570	129, 935	109, 822	108, 939	120, 303
Other investments.....	83, 809	90, 163	80, 429	74, 026	96, 760	104, 883	132, 512
Capital assets 6.....	120, 994	100, 480	100, 214	92, 057	144, 690	159, 325	169, 546
Other assets.....	19, 511	13, 501	6, 514	10, 029	12, 944	14, 434	14, 485
<b>LIABILITIES</b>							
Notes and accounts payable.....	26, 870	25, 332	22, 683	24, 663	47, 143	52, 592	35, 827
Bonded debt and mortgages.....	50, 282	49, 822	49, 199	40, 987	65, 719	72, 835	101, 624
Other liabilities.....	95, 568	89, 066	110, 210	221, 286	261, 899	283, 058	330, 406
Capital stock: 7.....							
Preferred.....	19, 117	19, 533	17, 138	14, 764	14, 906	15, 595	15, 831
Common.....	87, 067	82, 733	72, 292	64, 747	79, 310	82, 804	85, 365
Surplus and undivided profits 8.....	61, 832	48, 828	61, 633	83, 585	137, 361	148, 050	159, 935
Deficit 9.....	6, 734	12, 163	12, 676	8, 571	7, 968	7, 411	7, 125
Net surplus.....	55, 098	36, 665	48, 957	75, 014	129, 393	140, 639	152, 810

1 Excludes returns with fragmentary balance sheet data.

2 Adjustments are made in tabulating data as follows: (a) Reserves for depreciation, depletion, amortization, and bad debts, when reported under liabilities are used to reduce corresponding asset account, and "Total assets" and "Total liabilities" are decreased by amount of such reserves; and (b) a deficit in surplus, reported under assets, is transferred to liabilities, and "Total assets" and "Total liabilities" are decreased by amount of deficit.

3 Cash in till and deposits in banks.

4 Less reserve for bad debts. Includes loans and discounts of banks.

5 Comprises obligations of United States or any agency or instrumentality thereof; obligations of States, Territories, and political subdivisions thereof, District of Columbia, and United States possessions.

6 Less depreciation and depletion reserves. Includes land.

7 For balance sheets in which common and preferred stock are not reported separately, combined amount is tabulated as "Common stock."

8 Comprises sum of positive amounts of "Paid-in or capital surplus," "Earned surplus and undivided profits," and "Surplus reserves."

9 Comprises negative amounts for "Earned surplus and undivided profits."

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*, Part 2.

## No. 581.—CURRENT ASSETS AND LIABILITIES OF U. S. CORPORATIONS: 1944 TO 1954

[In billions of dollars. Covers all U. S. corporations excluding banks and insurance companies. 1944-1952 based on Bureau of Internal Revenue *Statistics of Income*, covering virtually all corporations in United States; for 1953-54 estimated (subject to revision), based on data compiled from many different sources, including data on corporations registered with Securities and Exchange Commission. Figures as of end of year]

ASSETS AND LIABILITIES	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
<b>Current assets, total.....</b>	<b>97.2</b>	<b>97.4</b>	<b>108.1</b>	<b>123.6</b>	<b>133.0</b>	<b>133.1</b>	<b>161.5</b>	<b>179.1</b>	<b>186.2</b>	<b>189.6</b>	<b>187.3</b>
Cash on hand and in banks.....	21.6	21.7	22.8	25.0	25.3	26.5	28.1	30.0	30.8	30.9	31.7
U. S. Government securities.....	20.9	21.1	15.3	14.1	14.8	16.8	19.7	20.7	19.9	21.0	19.3
Receivables from U. S. Government 1.....	4.7	2.7	.7	38.3	42.4	43.0	1.1	2.7	2.8	2.6	2.4
Other notes and accounts receivable.....	21.8	23.2	30.0	44.6	48.9	45.3	55.7	58.8	64.6	64.8	66.2
Inventories.....	26.8	26.3	37.6	44.6	48.9	45.3	55.1	64.9	65.8	67.9	65.1
Other current assets 2.....	1.4	2.4	1.7	1.6	1.6	1.4	1.7	2.1	2.4	2.4	2.6
<b>Current liabilities, total.....</b>	<b>51.7</b>	<b>45.8</b>	<b>51.9</b>	<b>61.5</b>	<b>64.4</b>	<b>60.7</b>	<b>79.8</b>	<b>92.6</b>	<b>96.1</b>	<b>97.0</b>	<b>91.5</b>
Advances and prepayments, U. S. Government 1.....	1.8	.9	.1	37.6	39.4	37.5	.4	1.3	2.3	2.2	2.4
Other notes and accounts payable.....	25.0	24.8	31.5	39.4	37.5	47.9	53.6	57.0	56.3	53.7	53.7
Federal income tax liabilities.....	15.5	10.4	8.5	10.7	11.5	9.3	16.7	21.3	18.1	19.2	15.7
Other current liabilities.....	9.4	9.7	11.8	13.2	13.5	14.0	14.9	16.5	18.7	19.3	19.7
<b>Net working capital.....</b>	<b>45.6</b>	<b>51.6</b>	<b>56.2</b>	<b>62.1</b>	<b>68.6</b>	<b>72.4</b>	<b>81.6</b>	<b>86.5</b>	<b>90.1</b>	<b>92.6</b>	<b>95.8</b>

1 Receivables from and payables to U. S. Government exclude amounts offsetting each other on corporation's books or amounts arising from subcontracting not directly due from or to U. S. Government. Wherever possible, adjustments have been made to include U. S. Government advances offsetting inventories on corporation's books.

2 Includes marketable securities other than U. S. Government.

Source: Securities and Exchange Commission; Statistical Series, *Net Working Capital of U. S. Corporation*. Data are published quarterly.

## No. 582.—CORPORATION RECEIPTS, DEDUCTIONS, PROFITS, AND TAX: 1925 TO 1952

[In millions of dollars. Includes data for Alaska, District of Columbia, and Hawaii; based on income tax returns as filed, prior to audit adjustments or other changes made after the returns were filed, as the result of carry-backs, relief granted under section 722 of the Internal Revenue Code, recomputation of amortization of emergency facilities, or renegotiation of war contracts. All corporations are required to file returns except those specifically exempt, such as mutual, fraternal, civic, and charitable organizations not operating for profit. Returns of inactive corporations are excluded from these tabulations. In comparing data over a period of years, changes in law must be taken into consideration, especially discontinuance for 1934-41 of privilege of filing consolidated returns (except by railroad corporations and their related holding or leasing companies and, in 1940-41, by Pan American trade-corporations) and the restoration of this privilege in 1942. See source publications for effect of changes on statistical items. Data represent combined totals for returns reporting net income and those reporting no net income. For number of returns, see table 426, p. 368.]

ITEM	1925	1930	1935	1940	1945	1950	1951	1952 (prel.)
<b>Compiled receipts, total <sup>1</sup></b>	<b>134,780</b>	<b>136,588</b>	<b>114,650</b>	<b>148,237</b>	<b>255,448</b>	<b>453,130</b>	<b>517,039</b>	<b>531,307</b>
Gross sales	106,832	97,941	85,332	114,642	203,575	374,406	421,922	429,514
Gross receipts from other operations	(2)	25,267	19,790	24,483	40,455	65,475	75,281	79,805
Other receipts	26,253	10,283	5,801	8,329	10,904	17,854	19,434	21,594
Tax-exempt income:								
Dividends from domestic corporations	1,175	2,571	3,014	(3)	(3)	(3)	(3)	(3)
Interest on Government obligation <sup>4</sup>	520	526	714	783	513	394	403	394
<b>Compiled deductions, total <sup>5</sup></b>	<b>125,464</b>	<b>131,940</b>	<b>109,227</b>	<b>138,889</b>	<b>234,102</b>	<b>415,299</b>	<b>473,240</b>	<b>492,572</b>
Cost of goods sold	84,716	76,190	66,279	86,739	157,377	284,699	323,441	330,821
Cost of operations	(2)	(2)	9,190	12,297	22,666	36,558	43,110	45,366
Interest paid	3,617	4,861	3,261	2,701	2,308	3,212	3,701	5,013
Taxes paid <sup>6</sup>	(7)	2,297	2,628	4,317	5,585	9,013	11,031	11,697
Depreciation and depletion <sup>8</sup>	3,330	4,449	3,701	4,003	6,620	9,611	11,206	12,562
Other deductions	33,801	44,142	24,167	28,832	39,546	72,206	80,751	87,113
Compiled net profit or loss <sup>9</sup>	9,316	4,649	5,423	9,348	21,345	42,831	43,800	38,735
Net income or deficit <sup>10</sup>	7,621	1,551	1,696	8,919	21,139	42,613	43,546	38,456
Deduction due to net loss for prior year <sup>11</sup>	243	158		123	114	345	402	396
Total tax <sup>12</sup>	1,170	712	735	2,549	10,795	17,317	22,082	19,148
Compiled net profit less total tax	8,146	3,937	4,688	6,800	10,551	25,514	21,717	19,588
Dividends paid:								
Cash	5,190	8,184	5,941	6,089	6,081	11,553	11,299	11,263
Stock	544	414	136	140	334	1,292	1,429	1,364

<sup>1</sup> Comprises gross sales (less returns and allowances), gross receipts from operations (where inventories are not an income-determining factor), all interest received on Government obligations (less amortizable bond premium), other interest, rents, royalties, excess of net short-term capital gain over net long-term capital loss, excess of net long-term capital gain over net short-term capital loss, net gain from sale or exchange of property other than capital assets, dividends, and other taxable income. Excludes nontaxable income other than tax-exempt interest received on certain Government obligations.

<sup>2</sup> Not available.

<sup>3</sup> Beginning 1936, "Dividends from domestic corporations" are taxable income, tabulated with "Other receipts."

<sup>4</sup> Beginning 1934, includes in addition to the wholly tax-exempt interest, that which is partially tax-exempt. Interest on Treasury notes issued on or after Dec. 1, 1940, and obligations issued on or after Mar. 1, 1941, by the United States or any agency or instrumentality thereof, is wholly taxable and is included in "Other receipts" for 1941-52.

<sup>5</sup> Beginning 1936, includes contributions or gifts (limited to 5 percent of net income before this deduction).

<sup>6</sup> Excludes (a) Federal income tax and Federal excess-profits taxes; (b) estate, inheritance, legacy, succession, and gift taxes; (c) income taxes paid to a foreign country or possession of United States, if any portion is claimed as a tax credit; (d) taxes assessed against local benefits; (e) Federal taxes paid on tax-free covenant bonds; and (f) taxes reported in "Cost of goods sold" and "Cost of operations." Beginning 1951, identifiable amounts of taxes included in "Cost of goods sold" and "Cost of operations" are transferred to "Taxes paid."

<sup>7</sup> Tabulated with "Other deductions."

<sup>8</sup> Includes amortization of emergency facilities for 1940 and later years.

<sup>9</sup> Compiled receipts less compiled deductions.

<sup>10</sup> Net income (or deficit), in general, represents taxable income less allowable deductions, except that for 1925 and 1930, and for 1940-52, amount shown is before deduction due to net operating loss of prior years.

<sup>11</sup> Deducted by corporations reporting net income.

<sup>12</sup> In addition to income tax, includes: declared value excess-profits tax, 1933-45; defense tax, 1940; and excess profits tax under (a) provisions of Second Revenue Act of 1940, 1940-46, and (b) Excess Profits Tax Act of 1950, beginning July 1, 1950.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*, Part 2.



# No. 583.—CORPORATION INCOME TAX RETURNS, BY TOTAL-ASSETS CLASSES, BY INDUSTRIAL DIVISIONS: 1951

[All money figures (except assets classes) in millions of dollars. Excludes returns of inactive corporations and returns on which balance sheet data are incomplete. See headnote, table 582]

TOTAL-ASSETS CLASS (\$1,000)	Number of returns	Total assets or liabilities <sup>1</sup>	Total compiled receipts <sup>2</sup>	Net income or deficit <sup>3</sup>	Total tax <sup>4</sup>	Number of returns	Total assets or liabilities <sup>1</sup>	Total compiled receipts <sup>2</sup>	Net income or deficit <sup>3</sup>	Total tax <sup>4</sup>
ALL INDUSTRIAL DIVISIONS						AGRICULTURE, FORESTRY, AND FISHERY				
Total.....	596,385	647,523.6	511,849.4	43,242.7	21,902.0	7,618	2,462.0	2,403.8	253.6	105.0
Under 50.....	245,803	5,298.9	13,870.5	85.1	102.6	2,732	67.7	117.6	.1	1.2
50 to 100.....	106,268	7,724.7	16,592.8	423.6	168.2	1,408	98.8	180.2	2.8	1.7
100 to 250.....	118,366	18,714.2	38,983.7	1,242.9	500.4	1,821	292.0	332.8	16.6	7.1
250 to 500.....	52,395	18,330.2	36,981.2	1,410.6	661.2	830	291.1	267.4	19.6	9.0
500 to 1,000.....	30,355	21,207.5	37,891.5	1,794.6	917.2	486	338.8	282.0	28.3	12.2
1,000 to 5,000.....	32,041	68,596.4	81,724.4	5,269.8	2,803.5	303	571.7	445.5	49.3	23.2
5,000 to 10,000.....	5,303	37,017.5	32,392.8	2,501.7	1,350.0	24	164.9	143.6	13.9	6.6
10,000 to 50,000.....	4,481	90,505.8	71,509.9	7,147.7	3,802.8	13	274.1	246.2	50.3	19.2
50,000 and over.....	1,373	380,128.4	181,902.6	23,366.9	11,596.1	1	362.8	388.6	72.8	24.8
MINING AND QUARRYING						CONSTRUCTION				
Total.....	8,136	11,659.3	9,562.4	1,107.1	552.6	27,315	6,698.2	13,946.3	553.7	287.4
Under 50.....	2,518	51.4	85.6	6.3	1.4	12,374	249.9	1,070.1	5.4	5.6
50 to 100.....	1,178	86.0	120.0	1.9	2.0	4,966	357.0	1,060.4	29.6	11.1
100 to 250.....	1,648	265.7	320.9	4.5	6.4	5,300	828.4	2,265.4	70.2	30.4
250 to 500.....	1,003	357.7	432.9	16.7	11.3	2,343	815.1	1,970.4	64.4	32.2
500 to 1,000.....	698	488.0	568.7	26.9	16.1	1,296	896.8	1,943.6	74.5	40.5
1,000 to 5,000.....	805	1,697.7	1,624.8	115.9	59.9	893	1,745.1	3,014.1	138.9	75.9
5,000 to 10,000.....	123	868.1	668.3	63.2	33.8	86	612.3	861.0	35.1	18.8
10,000 to 50,000.....	129	2,916.5	2,164.2	229.8	115.9	54	1,009.0	1,485.2	111.7	61.8
50,000 and over.....	34	4,928.2	3,577.1	654.5	305.8	3	184.6	276.0	23.8	11.2
MANUFACTURING						PUBLIC UTILITIES				
Total.....	114,142	160,875.8	252,956.5	24,692.8	14,060.1	23,641	84,707.3	36,007.0	4,675.2	2,299.0
Under 50.....	39,112	865.7	2,501.9	17.8	16.2	10,928	225.3	491.2	3.7	4.8
50 to 100.....	18,425	1,329.1	3,429.5	68.2	34.6	3,792	274.4	456.2	18.8	7.3
100 to 250.....	23,105	3,719.7	9,316.2	287.9	137.6	3,853	612.1	892.4	48.1	19.0
250 to 500.....	12,822	4,526.7	10,832.7	464.9	244.7	1,784	623.9	924.4	52.0	23.9
500 to 1,000.....	8,461	5,951.9	13,215.6	744.3	413.3	1,216	859.0	1,202.5	87.4	44.0
1,000 to 5,000.....	9,058	19,107.9	37,245.5	2,837.3	1,622.4	1,298	2,747.3	2,934.4	255.0	131.0
5,000 to 10,000.....	1,440	10,041.5	17,070.1	1,575.1	902.3	228	1,645.8	1,187.6	120.5	64.7
10,000 to 50,000.....	1,336	27,379.2	41,618.3	4,687.7	2,706.2	298	6,360.9	3,215.5	423.8	217.3
50,000 and over.....	373	87,954.2	117,726.7	14,045.2	7,982.9	244	71,358.6	24,702.8	3,666.1	1,786.9
TRADE						FINANCE, INSURANCE, REAL ESTATE, AND LESSORS OF REAL PROPERTY				
Total.....	201,594	55,101.6	166,422.0	5,467.9	2,753.6	158,335	317,026.0	20,017.1	5,853.2	1,515.3
Under 50.....	84,366	1,917.2	7,636.6	26.3	35.1	59,255	1,323.0	519.5	62.5	24.5
50 to 100.....	40,271	2,911.4	9,819.5	174.6	66.4	27,410	2,037.4	484.7	93.2	30.1
100 to 250.....	44,188	6,977.9	23,231.3	536.4	200.5	31,064	4,879.5	1,038.9	209.1	67.9
250 to 500.....	17,794	6,202.6	20,596.5	554.8	246.9	13,317	4,649.3	867.5	180.9	64.8
500 to 1,000.....	8,543	5,889.1	18,878.0	597.8	296.9	8,425	5,935.7	843.3	174.7	65.0
1,000 to 5,000.....	5,483	10,556.8	32,192.6	1,156.1	613.1	13,195	30,164.5	2,325.0	554.9	191.8
5,000 to 10,000.....	534	3,697.3	10,623.3	359.8	192.3	2,766	19,305.3	1,148.8	269.4	95.6
10,000 to 50,000.....	347	6,455.0	18,760.1	734.4	391.2	2,263	45,291.2	3,141.6	816.4	241.8
50,000 and over.....	68	10,494.2	24,684.1	1,327.8	711.2	640	203,440.2	9,647.8	3,492.1	733.7
SERVICES						NATURE OF BUSINESS NOT ALLOCABLE				
Total.....	51,357	8,667.3	10,431.6	637.2	325.1	4,247	326.1	102.9	2.0	4.0
Under 50.....	31,186	563.2	1,434.3	12.9	13.4	3,332	35.5	13.6	1.7	.4
50 to 100.....	8,474	608.2	1,028.8	34.9	14.7	334	22.3	13.6	1.4	.2
100 to 250.....	7,048	1,085.8	1,568.0	70.6	30.9	339	52.9	17.8	1.5	.6
250 to 500.....	2,378	821.2	1,074.3	57.3	28.0	124	42.8	15.2	( <sup>5</sup> )	.5
500 to 1,000.....	1,162	801.3	949.2	59.8	28.8	68	47.0	8.5	.9	.5
1,000 to 5,000.....	960	1,918.3	1,934.5	161.5	85.7	46	87.2	8.1	( <sup>5</sup> )	.6
5,000 to 10,000.....	100	668.4	685.1	64.8	35.8	2	13.9	5.1	( <sup>5</sup> )	( <sup>5</sup> )
10,000 to 50,000.....	39	795.4	857.8	90.9	48.2	2	24.4	21.0	2.7	1.2
50,000 and over.....	10	1,405.6	899.6	84.6	39.6					

<sup>1</sup> See footnote 2, table 580.

<sup>2</sup> For items included in "Total compiled receipts," see footnote 1, table 582.

<sup>3</sup> Compiled receipts (exclusive of wholly tax-exempt interest) less compiled deductions. See table 582.

<sup>4</sup> Includes income and excess profits tax. <sup>5</sup> Deficit. <sup>6</sup> Less than \$500,000.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*, Part 2.

## No. 584.—INCOME OF UNINCORPORATED ENTERPRISES, BY INDUSTRY: 1947 TO 1953

[In millions of dollars. Data represent net income of sole proprietorships and partnerships except that the trade figures include estimated patronage refunds and stock dividends paid by farmers' cooperatives. Income equals business receipts (exclusive of capital gains and expenses) less business expenses (exclusive of capital losses and depletion allowances)]

INDUSTRY	1947	1948	1949	1950	1951	1952	1953
<b>All industries, total</b> .....	<b>35,904</b>	<b>38,801</b>	<b>33,681</b>	<b>37,274</b>	<b>41,153</b>	<b>39,710</b>	<b>38,639</b>
Agriculture, forestry, and fisheries.....	14,678	16,965	12,953	13,532	16,305	14,509	12,560
Mining.....	244	335	243	213	219	197	207
Contract construction.....	2,119	2,397	2,541	2,739	2,714	2,824	2,984
Manufacturing.....	1,626	1,394	1,238	1,728	1,578	1,306	1,172
Wholesale and retail trade.....	10,437	10,379	9,281	11,156	12,005	12,091	12,391
Finance, insurance, and real estate.....	720	798	775	996	1,021	1,007	1,079
Transportation.....	553	576	602	607	688	741	798
Communications and public utilities.....	26	28	29	29	29	30	30
Services.....	5,501	5,929	6,019	6,274	6,594	7,005	7,418

Source: Department of Commerce, Office of Business Economics; *National Income Supplement*, 1954.

## No. 585.—CORPORATE INCOME BEFORE FEDERAL AND STATE INCOME AND EXCESS PROFITS TAXES, BY INDUSTRY: 1947 TO 1953

[In millions of dollars. Data represent earnings of corporations organized for profit which accrue to residents of the Nation, measured before Federal and State profit taxes, without deduction of depletion charges and exclusive of capital gains and losses. Profits accruing to residents are measured by eliminating intercorporate dividends from profits of domestic corporations and by adding the net receipts of dividends and branch profits from abroad. In other major respects, the definition of income is in accordance with Federal income tax regulations. The inclusion of depletion charges has an important effect on data for mining industries]

INDUSTRY	1947	1948	1949	1950	1951	1952	1953
<b>All industries, total</b> .....	<b>29,525</b>	<b>32,769</b>	<b>26,198</b>	<b>39,970</b>	<b>41,173</b>	<b>37,174</b>	<b>39,430</b>
Agriculture, forestry, and fisheries.....	145	138	99	157	95	76	74
Farms.....	143	135	99	157	94	(1)	(1)
Agricultural services, forestry, and fisheries.....	2	3	0	0	1	(1)	(1)
Mining.....	953	1,430	925	1,374	1,418	1,154	1,254
Contract construction.....	377	566	514	541	533	485	550
Manufacturing.....	16,529	18,102	14,140	23,280	24,512	20,402	21,798
Food and kindred products.....	1,850	1,540	1,494	1,815	1,599	(1)	(1)
Textile-mill products.....	1,544	1,524	664	1,237	979	(1)	(1)
Chemicals and allied products.....	2 1,708	1,575	1,549	2,625	2,823	(1)	(1)
Products of petroleum and coal.....	2 1,434	2,260	1,231	1,726	2,183	(1)	(1)
Metals, metal products, and miscellaneous.....	2 2,702	3,315	2,404	4,425	5,267	(1)	(1)
Machinery, except electrical.....	2 1,460	1,712	1,302	1,994	2,617	(1)	(1)
Transportation equipment except automobiles.....	—12	223	194	364	436	(1)	(1)
Automobiles and automobile equipment.....	1,221	1,619	2,021	3,279	2,507	(1)	(1)
Other.....	2 4,622	4,334	3,281	5,815	6,101	(1)	(1)
Wholesale and retail trade.....	6,082	5,768	3,833	6,276	5,446	5,199	5,156
Wholesale trade.....	2,694	2,383	1,480	2,860	2,735	(1)	(1)
Retail trade and automotive services.....	3,388	3,385	2,353	3,416	2,711	(1)	(1)
Finance, insurance, and real estate.....	1,593	2,224	2,574	2,662	2,800	3,170	3,572
Transportation.....	1,156	1,649	1,101	1,996	1,961	1,989	1,849
Communications and public utilities.....	1,353	1,486	1,674	2,189	2,635	3,015	3,417
Services.....	648	570	506	495	558	563	613
Rest of the world.....	689	836	832	1,000	1,215	1,121	1,147

<sup>1</sup> Not available.

<sup>2</sup> Not fully comparable with figures shown for later years. See source.

Source: Department of Commerce, Office of Business Economics; *National Income Supplement*, 1954.



## No. 586.—CORPORATE PROFITS, TAXES AND DIVIDENDS: 1942 TO 1954

[In billions of dollars. Data for 1952 to 1954 subject to revision; see July issue of *Survey of Current Business*. See headnote, table 585. Taxes refer to Federal and State taxes on corporate earnings. Disbursements of tax refunds have been deducted from tax liability in year in which tax liability was incurred. Dividends represent amount of cash dividends disbursed to residents of the Nation, and therefore are measured after elimination of intercorporate dividends. Undistributed profits comprise difference between corporate profits after taxes and net dividend payments. Quarterly data are seasonally adjusted at annual rates]

YEAR AND QUARTER	Profits before taxes	Income tax liability	Profits after taxes	Dividends	Undis- tributed profits
1942.....	20.9	11.4	9.5	4.3	5.2
1943.....	24.6	14.1	10.5	4.5	6.0
1944.....	23.3	12.9	10.4	4.7	5.7
1945.....	19.0	10.7	8.3	4.7	3.6
1946.....	22.6	9.1	13.4	5.8	7.7
1947.....	29.5	11.3	18.2	6.5	11.7
1948.....	32.8	12.5	20.3	7.2	13.0
1949.....	26.2	10.4	15.8	7.5	8.3
1950.....	40.0	17.8	22.1	9.2	12.9
1951.....	41.2	22.5	18.7	9.1	9.6
1952.....	37.2	20.0	17.2	9.1	8.1
1953.....	39.4	21.1	18.3	9.4	8.9
1st quarter.....	42.4	22.7	19.7	9.1	10.6
2d quarter.....	41.9	22.5	19.5	9.3	10.2
3d quarter.....	40.9	21.9	19.0	9.5	9.5
4th quarter.....	32.5	17.4	15.1	9.6	5.5
1954.....	35.0	17.2	17.8	9.9	7.9
1st quarter.....	34.5	17.0	17.5	9.6	7.9
2d quarter.....	34.5	17.0	17.5	9.6	7.9
3d quarter.....	34.2	16.8	17.4	9.8	7.6
4th quarter.....	36.8	18.1	18.7	10.4	8.3

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, February 1955, and *National Income Supplement*, 1954.

## No. 587.—PROFITS AND DIVIDENDS OF PUBLIC UTILITY CORPORATIONS: 1942 TO 1954

[In millions of dollars]

YEAR AND QUARTER	RAILROAD <sup>1</sup>				ELECTRIC POWER <sup>2</sup>				TELEPHONE <sup>3</sup>			
	Operating revenue	Profits before taxes <sup>4</sup>	Profits after taxes <sup>5</sup>	Divi- dends	Operating revenue	Profits before taxes <sup>4</sup>	Profits after taxes <sup>5</sup>	Divi- dends	Operating revenue	Profits before taxes <sup>4</sup>	Profits after taxes <sup>5</sup>	Divi- dends
1942.....	7,466	1,658	902	202	3,216	847	490	408	1,508	364	168	151
1943.....	9,055	2,211	873	217	3,464	913	502	410	1,691	420	176	156
1944.....	9,437	1,972	667	246	3,615	902	507	398	1,815	451	168	155
1945.....	8,902	756	450	246	3,681	905	534	407	1,979	433	174	162
1946.....	7,628	271	287	235	3,815	964	638	458	2,148	313	209	168
1947.....	8,685	777	479	236	4,291	954	643	494	2,283	215	138	131
1948.....	9,672	1,146	698	289	4,830	983	657	493	2,694	292	186	178
1949.....	8,580	700	438	252	5,069	1,129	757	560	2,967	333	207	213
1950.....	9,473	1,385	784	312	5,528	1,313	822	619	3,342	580	331	276
1951.....	10,391	1,260	693	328	6,058	1,482	814	651	3,729	691	341	318
1952.....	10,581	1,451	832	338	6,549	1,740	947	725	4,136	787	384	355
1953.....	10,664	1,404	871	412	7,136	1,895	1,030	780	4,525	925	452	412
1st quarter.....	2,596	336	186	97	1,857	549	293	183	1,092	223	109	100
2d quarter.....	2,732	397	231	73	1,732	458	247	192	1,126	234	114	101
3d quarter.....	2,755	399	234	79	1,721	428	231	194	1,129	220	107	104
4th quarter.....	2,582	272	219	162	1,826	460	260	212	1,178	248	122	108
1954 <sup>6</sup> .....	9,371	900	674	379	7,610	2,049	1,140	857	4,902	1,050	525	448
1st quarter.....	2,275	156	88	96	1,984	570	321	212	1,174	242	116	109
2d quarter.....	2,335	199	136	73	1,819	487	266	210	1,210	262	125	111
3d quarter.....	2,366	226	172	74	1,831	478	264	211	1,233	262	141	112
4th quarter <sup>6</sup> .....	2,395	319	277	136	1,976	513	288	224	1,285	284	143	116

<sup>1</sup> Class I line-haul railroads, covering about 95 percent of all railroad operations.

<sup>2</sup> Class A and B electric utilities, covering about 95 percent of all electric power operations.

<sup>3</sup> Revenues and profits for telephone operations of Bell System Consolidated (including the 20 operating subsidiaries and Long Lines and General departments of American Telephone and Telegraph Company) and for 2 affiliated telephone companies, which together represent about 85 percent of all telephone operations. Dividends for the 20 operating subsidiaries and 2 affiliates.

<sup>4</sup> After all charges and before Federal income taxes and dividends.

<sup>5</sup> After all charges and taxes and before dividends. <sup>6</sup> Preliminary.

Source: Board of Governors of the Federal Reserve System; published currently in *Federal Reserve Bulletin*.

# No. 588.—ANNUAL SALES, PROFITS, AND DIVIDENDS OF LARGE MANUFACTURING CORPORATIONS: 1940 TO 1954

[In millions of dollars. Includes data for 200 corporations each with assets of \$10,000,000 and over, at the end of 1946. Profits before and after taxes are as published by the 200 companies except for certain adjustments, chiefly to exclude special charges and credits and intercorporate dividends where large. Series includes little or no representation of some important nondurable goods groups such as meatpacking, tobacco and rubber]

INDUSTRY	1940	1945	1947	1948	1949	1950	1951	1952	1953	1954 (prel.)
Total (200 corporations):										
Sales.....	13,459	27,376	32,074	38,341	37,948	45,351	52,444	53,905	62,665	57,457
Profits before taxes.....	1,884	2,510	4,219	5,468	5,168	8,042	8,702	7,147	8,225	7,093
Profits after taxes.....	1,302	1,170	2,600	3,411	3,186	4,143	3,486	3,117	3,560	3,750
Dividends.....	877	887	1,205	1,446	1,710	2,295	2,036	2,031	2,110	2,330
Nondurable goods industries (94 corporations): <sup>1 2</sup>										
Sales.....	4,713	9,212	12,546	14,739	14,051	15,994	18,670	18,908	20,276	20,192
Profits before taxes.....	657	1,219	1,901	2,360	1,975	2,847	3,324	2,715	2,908	2,658
Profits after taxes.....	471	596	1,241	1,574	1,297	1,599	1,481	1,313	1,446	1,531
Dividends.....	358	387	587	698	759	942	894	912	934	1,020
Durable goods industries (106 corporations): <sup>3</sup>										
Sales.....	8,747	18,164	19,529	23,602	23,897	29,357	33,774	34,997	42,390	37,265
Profits before taxes.....	1,227	1,290	2,319	3,108	3,193	5,195	5,378	4,432	5,317	4,435
Profits after taxes.....	830	574	1,359	1,837	1,888	2,544	2,005	1,804	2,114	2,219
Dividends.....	519	500	618	748	950	1,352	1,142	1,119	1,176	1,310
Selected industries:										
Foods and kindred products (28 corporations): <sup>2</sup>										
Sales.....	1,516	3,171	4,238	4,528	4,223	4,402	4,909	5,042	5,411	5,464
Profits before taxes.....	179	412	466	455	434	532	473	446	465	461
Profits after taxes.....	136	163	287	285	268	289	227	204	211	224
Dividends.....	100	98	142	148	149	161	159	154	154	154
Chemicals and allied products (26 corporations): <sup>2</sup>										
Sales.....	1,237	2,519	3,193	3,674	3,680	4,577	5,574	5,695	6,071	5,917
Profits before taxes.....	293	437	563	674	693	1,133	1,421	1,200	1,260	1,133
Profits after taxes.....	189	186	346	420	415	572	496	458	493	591
Dividends.....	165	154	222	263	321	448	363	381	398	479
Petroleum refining (14 corporations): <sup>2</sup>										
Sales.....	1,140	2,102	2,909	3,983	3,907	4,260	4,966	5,290	5,757	5,883
Profits before taxes.....	93	205	475	775	552	673	869	689	796	713
Profits after taxes.....	80	180	367	588	428	464	532	495	571	541
Dividends.....	59	92	135	184	191	223	247	268	274	278
Primary metals and products (39 corporations):										
Sales.....	3,853	6,653	7,545	9,066	8,187	10,446	12,497	11,557	13,750	11,517
Profits before taxes.....	477	442	891	1,174	993	1,700	2,092	1,161	1,824	1,370
Profits after taxes.....	355	227	545	720	578	854	776	575	793	714
Dividends.....	179	193	247	270	285	377	381	367	377	404
Machinery (27 corporations):										
Sales.....	1,175	3,563	3,658	4,563	4,363	5,071	6,183	7,082	8,009	7,746
Profits before taxes.....	199	377	449	570	520	850	1,003	974	1,009	897
Profits after taxes.....	124	129	274	334	321	425	370	380	402	469
Dividends.....	92	93	116	127	138	208	192	200	239	263
Automobiles and equipment (15 corporations):										
Sales.....	3,034	5,562	6,692	8,093	9,577	11,805	12,496	12,825	16,377	13,940
Profits before taxes.....	428	310	809	1,131	1,473	2,305	1,913	1,945	2,048	1,741
Profits after taxes.....	274	148	445	639	861	1,087	705	698	747	827
Dividends.....	203	171	195	282	451	671	479	462	463	529

<sup>1</sup> Includes 26 companies not shown separately, as follows: textile-mill products (10); paper and allied products (15); and miscellaneous (1).

<sup>2</sup> For certain items, data for 1940 are partly estimated for 7 companies: foods (2); chemicals (2); petroleum, textiles, and paper (1 each).

<sup>3</sup> Includes 25 companies not shown separately, as follows: building materials (12); transportation equipment other than automobile (6); and miscellaneous (7).

Source: Board of Governors of the Federal Reserve System; published in part in *Federal Reserve Bulletin*.



## No. 589.—SOURCES AND USES OF CORPORATE FUNDS: 1946 TO 1953

[In billions of dollars. Covers nonfinancial business corporations only, excluding banking and insurance companies which are primarily suppliers of capital funds for business or intermediaries in flow of savings from consumers to business. Based on Securities and Exchange Commission and other financial data. Data through 1951 have been adjusted to Internal Revenue Service statistics]

USE OR SOURCE	1946	1947	1948	1949	1950	1951	1952	1953
<b>Uses, total</b> .....	23.2	32.7	28.3	16.5	45.3	39.1	31.3	28.4
Plant and equipment.....	12.5	17.0	18.8	16.3	16.9	21.6	22.4	24.1
Inventories.....	11.2	7.1	4.2	-3.6	9.8	9.4	1.8	2.6
Receivables.....	4.8	7.6	4.1	.6	13.8	4.7	6.0	.1
Consumer.....	1.1	1.5	1.3	1.4	1.6	.5	1.9	1.5
U. S. Government.....	-2.0	-.2	.2	.2	.2	1.4	.1	-.2
Other.....	5.7	6.3	2.6	-1.0	12.0	2.8	4.0	-1.2
Cash and deposits.....	1.1	2.2	.3	1.2	1.6	1.9	.6	.1
U. S. Government securities.....	-5.8	-1.2	.7	2.0	2.9	.9	-.3	1.1
Other assets.....	-.6	(1)	.2	(1)	.3	.6	.8	.4
<b>Sources, total</b> .....	21.9	32.4	29.0	15.3	43.5	38.8	31.6	28.3
Retained profits (including depletion).....	7.2	11.4	12.4	7.6	12.4	9.1	7.5	8.3
Depreciation.....	4.2	5.2	6.2	7.1	7.8	9.0	10.1	11.2
Net new issues.....	2.4	4.4	5.9	4.9	3.7	6.3	7.9	7.3
Stocks.....	1.3	1.4	1.2	1.6	1.7	2.7	3.0	2.4
Bonds.....	1.1	3.0	4.7	3.3	2.0	3.6	4.9	4.9
Mortgage loans.....	.7	.7	.7	.6	1.0	.9	.7	.9
Bank loans.....	3.2	2.6	1.1	-2.9	1.6	4.5	2.4	-.5
Short.....	2.1	1.4	.5	-1.7	2.1	3.9	1.7	(1)
Long.....	1.1	1.2	.6	-1.2	-.5	.6	.7	-.5
Trade payables.....	3.7	4.5	1.3	-.3	8.8	2.7	3.6	-.6
Federal income tax liabilities.....	-1.6	2.1	1.0	-2.2	7.2	4.4	-2.6	.9
Other liabilities.....	2.1	1.5	.4	.5	1.0	1.9	2.0	.8
<b>Discrepancy (uses less sources)</b> .....	1.3	.3	-.7	1.2	1.8	.3	-.3	.1

<sup>1</sup> Less than \$50 million.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, September 1954.

## No. 590.—CORPORATE DIVIDENDS PAID, BY INDUSTRIAL DIVISIONS: 1925 TO 1951

[In millions of dollars. See headnote, table 582]

INDUSTRY DIVISION	1925		1930		1935		1940	
	Cash	Stock	Cash	Stock	Cash	Stock	Cash	Stock
<b>All industrial divisions</b> .....	5,189.5	544.4	8,184.2	414.2	5,940.6	135.9	6,088.8	140.0
Agriculture, forestry, and fishery <sup>1</sup> .....	30.9	4.1	25.0	3.2	34.7	3.5	25.9	.1
Mining and quarrying <sup>1</sup> .....	335.1	3.9	302.6	12.6	257.1	3.1	282.6	3.7
Construction <sup>1</sup> .....	70.0	11.6	95.5	7.8	29.8	4.2	30.9	2.0
Manufacturing <sup>1</sup> .....	2,223.8	267.4	3,161.0	121.9	2,193.5	49.7	2,399.6	48.0
Public utilities <sup>1</sup> .....	1,006.8	77.2	2,223.9	40.2	1,283.8	5.6	1,075.3	11.3
Trade <sup>1</sup> .....	506.4	90.5	560.8	61.7	510.1	28.6	512.5	19.1
Finance, insurance, real estate, and lessors of real property <sup>1</sup> .....	896.8	78.6	1,646.8	155.3	1,559.6	38.4	1,655.1	53.1
Services <sup>1</sup> .....	107.9	9.5	166.1	11.3	71.1	2.3	91.4	2.4
Nature of business not allocable.....	11.8	1.7	2.5	.1	1.0	.4	15.4	.2

INDUSTRY DIVISION	1945		1949		1950		1951	
	Cash	Stock	Cash	Stock	Cash	Stock	Cash	Stock
<b>All industrial divisions</b> .....	6,080.8	334.4	9,569.1	684.2	11,553.0	1,292.5	11,299.5	1,429.2
Agriculture, forestry, and fishery <sup>1</sup> .....	27.6	1.0	60.0	2.7	106.5	4.8	106.8	6.2
Mining and quarrying <sup>1</sup> .....	159.8	1.9	420.6	13.5	552.8	10.5	600.8	36.6
Construction <sup>1</sup> .....	29.5	3.2	71.0	19.2	82.7	27.9	73.2	26.8
Manufacturing <sup>1</sup> .....	2,824.7	146.2	4,852.3	360.1	6,061.9	799.7	5,728.2	841.2
Public utilities <sup>1</sup> .....	1,243.0	6.7	1,329.7	19.1	1,649.0	94.1	1,790.1	55.8
Trade <sup>1</sup> .....	557.4	60.7	976.3	161.3	1,144.8	225.2	1,088.3	270.3
Finance, insurance, real estate, and lessors of real property <sup>1</sup> .....	1,101.1	106.7	1,675.7	97.2	1,778.2	115.3	1,727.5	181.9
Services <sup>1</sup> .....	132.3	7.9	180.6	10.8	172.2	14.8	180.9	10.4
Nature of business not allocable.....	5.5	.2	2.9	.4	4.9	.2	3.6	-----

<sup>1</sup> For changes in classification affecting comparability of data, see *Statistics of Income*, Part 2, for 1938 and 1948.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*, Part 2.

## No. 591.—BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT: 1939 TO 1955

[In millions of dollars]

INDUSTRY GROUP	1939	1945	1949	1950	1951	1952	1953	1954	1955 <sup>1</sup>
<b>Total<sup>2</sup></b> -----	<b>5,512</b>	<b>8,692</b>	<b>19,285</b>	<b>20,605</b>	<b>25,644</b>	<b>26,493</b>	<b>28,322</b>	<b>26,827</b>	<b>27,063</b>
Manufacturing-----	1,943	3,983	7,149	7,491	10,852	11,632	11,908	11,038	10,704
Durable goods industries-----	756	1,590	2,594	3,135	5,168	5,614	5,648	5,091	4,879
Primary iron and steel-----	122	198	596	599	1,198	1,511	1,210	754	808
Primary nonferrous metals-----	30	54	151	134	310	512	412	246	278
Fabricated metal products-----	91	216	271	350	433	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Electrical machinery and equipment-----	49	123	216	245	373	386	475	439	435
Machinery except electrical-----	100	316	383	411	683	701	797	694	737
Motor vehicles and equipment-----	133	262	349	510	851	855	1,169	1,486	1,235
Transportation equipment excluding motor vehicles-----	42	56	87	82	219	211			
Stone, clay and glass products-----	71	100	181	280	397	330	346	361	410
Other durable goods-----	118	265	360	524	704	<sup>3</sup> 1,167	<sup>3</sup> 1,239	<sup>3</sup> 1,110	<sup>3</sup> 976
Nondurable goods industries-----	1,187	2,393	4,555	4,356	5,684	6,018	6,260	5,948	5,826
Food and kindred products-----	205	337	626	523	579	769	812	765	660
Beverages-----	38	97	249	237	274				
Textile-mill products-----	136	209	471	450	531	434	378	331	292
Paper and allied products-----	67	116	298	327	420	364	409	455	451
Chemicals and allied products-----	176	376	670	771	1,247	1,386	1,428	1,130	1,110
Petroleum and coal products-----	403	879	1,789	1,587	2,102	2,535	2,668	2,684	2,765
Rubber products-----	38	118	81	102	150	154	161	131	139
Other nondurable goods-----	124	261	371	359	382	377	404	451	409
Mining-----	326	383	792	707	929	985	986	975	898
Railroad-----	280	548	1,352	1,111	1,474	1,396	1,311	854	763
Other transportation-----	365	574	887	1,212	1,490	1,500	1,565	1,512	1,495
Electric and gas utilities-----	520	505	3,125	3,309	3,664	3,887	4,552	4,219	4,384
Communication-----	302	321	1,320	1,104	1,319	1,537	1,690	1,717	8,819
Commercial and other-----	1,776	2,377	4,660	5,671	5,916	5,557	6,310	6,513	

<sup>1</sup> Estimates based on anticipated capital expenditures of business as reported in mid-February and early March, 1955.<sup>2</sup> Excludes agriculture. <sup>3</sup> "Fabricated metal products" included with "Other durable goods."Source: Securities and Exchange Commission and Department of Commerce, Office of Business Economics. Data published quarterly in Statistical Series releases of the Securities and Exchange Commission and in *Survey of Current Business*.

## No. 592.—GROSS PRIVATE DOMESTIC INVESTMENT AND ITS COMPONENTS: 1929 TO 1954

[In billions of dollars. Consists of acquisitions of newly produced capital goods by private business and nonprofit institutions and of value of change in volume of inventories held by them; covers all private new dwellings, including those acquired by owner-occupants]

CLASS	1929	1933	1940	1948	1949	1950	1951	1952	1953	1954 <sup>1</sup>
<b>Gross private domestic investment, total</b> -----	<b>16.2</b>	<b>1.4</b>	<b>13.2</b>	<b>41.2</b>	<b>32.5</b>	<b>51.2</b>	<b>56.9</b>	<b>50.7</b>	<b>51.4</b>	<b>46.1</b>
Nonfarm producers' plant and equipment, total <sup>2</sup> -----	9.3	2.2	6.9	23.5	21.7	25.5	29.1	29.7	32.1	30.6
Equipment <sup>3</sup> -----	5.2	1.5	4.9	16.8	15.3	18.5	20.4	20.6	22.0	20.1
Construction <sup>4</sup> -----	4.1	.8	2.0	6.7	6.4	7.0	8.8	9.1	10.1	10.6
Farm equipment and construction <sup>5</sup> -----	.9	.2	.8	3.9	4.0	4.2	4.7	4.6	4.1	3.6
Residential construction (nonfarm) <sup>6</sup> -----	3.6	.5	3.0	8.6	8.3	12.6	11.0	11.1	11.9	13.4
Other private construction <sup>7</sup> -----	.7	.1	.3	1.0	1.3	1.5	1.7	1.6	1.8	2.1
Net change in business inventories, total-----	1.7	-1.6	2.2	4.2	-2.7	7.4	10.4	3.6	1.5	-3.6
Nonfarm-----	1.8	-1.4	1.9	3.0	-1.9	6.4	9.0	3.0	2.2	-3.7
Farm-----	-.2	-.3	.3	1.1	-.9	.9	1.4	.7	-.7	.1

<sup>1</sup> Preliminary; includes fourth quarter estimate by Council of Economic Advisers.<sup>2</sup> Items for 1940 and earlier years are not comparable with those for later years. (See footnotes 4 and 6.)<sup>3</sup> Total producers' durable equipment less "farm machinery and equipment" and farmers' purchases of tractors and business motor vehicles. These figures assume that farmers purchase 85 and 15 percent, respectively, of all tractors and motor vehicles used for productive purposes.<sup>4</sup> Industrial buildings, public utilities, gas- and oil-well drilling, warehouses, office and loft buildings, stores, restaurants, and garages. Includes hotel construction prior to 1948 only.<sup>5</sup> Farm construction (residential and nonresidential) plus "farm machinery and equipment" and farmers' purchases of tractors and business motor vehicles. (See footnote 3.)<sup>6</sup> Includes construction of hotels, tourist cabins, motor courts, and dormitories beginning 1948.<sup>7</sup> Comprises religious, educational, social and recreational, hospital and institutional, miscellaneous nonresidential, and all other private.Source: Department of Commerce, Office of Business Economics (except as noted). Published in *Economic Report of the President*, January 1955.



## No. 593.—RESEARCH AND DEVELOPMENT EXPENDITURES: 1944 TO 1954

[Government data derived from actual Federal budget expenditures for research and development plus estimates of procurement expenditures used for research and development. Other data derived from many government and nongovernment sources]

YEAR	Total	SOURCE OF FUNDS			USE OF FUNDS BY—		
		Government	Industry	Univer- sity	Government	Industry	Univer- sity
EXPENDITURES (million dollars)							
1944	1,380	940	420	20	390	910	80
1945	1,520	1,070	430	20	430	990	100
1946	1,780	910	840	30	470	1,190	120
1947	2,260	1,160	1,050	50	520	1,570	170
1948	2,610	1,390	1,150	70	570	1,820	220
1949	2,610	1,550	990	70	550	1,790	270
1950	2,870	1,610	1,180	80	570	1,980	320
1951	3,360	1,980	1,300	80	700	2,300	360
1952	3,750	2,240	1,430	80	800	2,530	420
1953	4,000	2,490	1,430	80	770	2,810	420
1954	4,140	2,460	1,600	80	700	3,020	420
PERCENT OF TOTAL							
1944	100	68	30	2	28	66	6
1945	100	70	28	2	28	65	7
1946	100	51	47	2	26	67	7
1947	100	51	47	2	23	69	8
1948	100	53	44	3	22	70	8
1949	100	59	38	3	21	69	10
1950	100	56	41	3	20	69	11
1951	100	59	39	2	21	68	11
1952	100	60	38	2	21	68	11
1953	100	62	36	2	19	70	11
1954	100	59	39	2	17	73	10

Source: Department of Defense, Research and Development Board.

## No. 594.—INDUSTRIAL RESEARCH AND DEVELOPMENT—RESEARCH COST AND PERSONNEL, BY INDUSTRY: 1951

[Figures cover approximately 85 percent of all industrial research and development. Based on nationwide survey of companies engaged in scientific and engineering research and development conducted in mid-1952]

INDUSTRY	Number of companies reporting	COST OF RESEARCH			RESEARCH PERSONNEL		COST RATIOS <sup>1</sup>	
		Total cost (\$1,000)	Percent of total sales	Percent financed by Federal government	Total research employees	Number of engineers and scientists <sup>2</sup>	Average cost per research employee	Average cost per engineer or scientist <sup>3</sup>
All industries	1,934	4 1,783,662	2.0	47.0	5 220,157	6 89,851	\$8,900	\$22,100
Manufacturing	1,527	1,613,493	2.0	46.5	196,517	79,303	9,000	22,700
Food and kindred products	72	23,764	.3	3.7	2,941	1,357	8,700	16,900
Textile-mill products and apparel	49	15,817	.9	14.4	1,989	734	8,500	19,200
Chemicals and allied products	275	204,170	2.5	7.1	23,211	13,181	7,900	16,500
Petroleum refining	49	92,942	.6	3.1	12,393	4,953	8,100	20,900
Stone, clay, and glass products	38	20,752	1.3	2.7	3,115	1,210	6,600	18,600
Primary metal industries	49	34,415	.4	9.5	3,705	1,703	10,100	21,600
Fabricated metal products	150	38,404	.9	31.1	5,311	2,491	8,000	16,500
Machinery (except electrical)	182	99,334	1.5	23.9	12,668	5,333	8,100	18,500
Electrical machinery	233	431,948	6.4	57.0	51,172	17,243	9,400	28,100
Transportation equipment	104	510,605	4.5	70.7	59,243	21,857	10,000	27,700
Motor vehicles and equipment	26	94,303	1.2	9.4	8,895	1,445	10,900	68,600
Aircraft and parts	62	410,085	12.7	85.0	49,915	20,166	9,700	24,300
Other transportation equipment	16	6,217	.9	52.8	433	246	15,500	30,800
Professional, scientific, and controlling instruments	152	91,447	5.7	57.6	13,442	5,694	7,500	17,900
Photographic equipment and supplies	24	30,794	4.8	29.1	4,330	1,954	7,500	17,300
Other professional, scientific, and controlling instruments	128	60,653	6.4	72.8	9,112	3,740	7,500	18,200
Other manufacturing	174	49,895	.8	31.4	7,327	3,547	8,400	16,300
Nonmanufacturing	407	170,169	1.7	50.8	23,640	10,548	8,300	18,000
Commercial consulting services	281	43,620	47.2	65.5	7,181	3,391	7,400	15,000
Nonprofit research agencies	37	28,517	86.3	56.0	4,588	2,518	6,900	11,700
Other nonmanufacturing	89	98,032	1.0	42.9	11,871	4,639	9,300	23,300

<sup>1</sup> Based on reports from 1,650 companies reporting both research cost and employment.

<sup>2</sup> Professional research staff.

<sup>3</sup> Operating cost of all research and development divided by average employment of research engineers and scientists.

<sup>4</sup> Based on reports from 1,754 companies; total including estimates for 180 companies not reporting is \$1,959,100,000.

<sup>5</sup> Based on reports from 1,801 companies; total including estimates for 133 companies not reporting is \$234,000.

<sup>6</sup> Based on reports from 1,795 companies; total including estimates for 139 companies not reporting is \$94,000.

Source: Department of Labor, Bureau of Labor Statistics, and Department of Defense, Research and Development Board; *Industrial Research and Development*, January 1953 (a preliminary report).

## No. 595.—BUSINESS SALES, INVENTORIES, AND ORDERS: 1940 TO 1954

[In billions of dollars. Data include all companies, both corporate and noncorporate, major activities of which are in manufacturing or trade. Farm and other nonfarm businesses not included. Beginning in 1951, retail trade estimates based on a new method of estimation adopted by Bureau of the Census]

ITEM	1940	1945	1948	1949	1950	NEW SERIES			
						1951	1952	1953	1954
<b>Business sales, total (unadjusted).....</b>	<b>145.6</b>	<b>286.2</b>	<b>437.3</b>	<b>416.0</b>	<b>479.0</b>	<b>537.9</b>	<b>553.0</b>	<b>586.0</b>	<b>567.7</b>
Manufacturing, total.....	70.3	154.5	211.6	197.0	231.4	266.5	276.5	303.4	287.8
Durable goods.....	29.7	75.2	91.1	84.8	105.6	125.2	134.5	152.7	135.9
Nondurable goods.....	40.6	79.3	120.4	112.2	125.8	141.3	142.1	150.7	151.9
Wholesale trade, total.....	28.9	53.7	95.2	88.3	103.9	113.2	112.3	111.9	109.3
Durable goods.....	7.5	10.9	27.4	24.7	34.2	37.6	36.0	37.1	34.8
Nondurable goods.....	21.4	42.8	67.7	63.6	69.7	75.5	76.4	74.8	74.5
Retail trade, total.....	46.4	78.0	130.5	130.7	143.7	158.2	164.1	170.7	170.7
Durable goods.....	13.6	16.0	41.9	43.9	52.9	54.5	55.3	60.4	58.2
Nondurable goods.....	32.8	62.0	88.6	86.8	90.8	103.7	108.8	110.4	112.5
<b>Business inventories, end of year (seasonally adjusted) book value, total.....</b>	<b>22.2</b>	<b>30.9</b>	<b>55.6</b>	<b>52.1</b>	<b>64.1</b>	<b>75.3</b>	<b>77.1</b>	<b>81.1</b>	<b>77.5</b>
Manufacturing, total.....	12.8	18.4	31.7	28.9	34.3	42.9	44.2	46.7	43.8
Durable goods.....	6.3	8.8	15.7	14.0	16.8	22.7	24.4	26.8	24.5
Nondurable goods.....	6.5	9.6	16.0	14.9	17.5	20.2	19.8	20.0	19.4
Wholesale trade, total.....	3.2	4.6	8.1	7.9	10.5	11.1	11.3	11.7	11.5
Durable goods.....	1.1	1.5	3.7	3.7	5.0	5.8	5.8	5.9	5.7
Nondurable goods.....	2.1	3.1	4.4	4.3	5.4	5.4	5.6	5.8	5.8
Retail trade, total.....	6.1	7.9	15.8	15.3	19.3	21.2	21.6	22.7	22.2
Durable goods.....	2.5	2.4	6.7	6.4	8.5	9.7	9.9	10.7	10.2
Nondurable goods.....	3.6	5.5	9.1	8.9	10.8	11.5	11.7	12.0	12.0
<b>Ratio of inventories to sales (percent):<sup>1</sup></b>									
Manufacturing, total.....	2.06	1.48	1.72	1.86	1.57	1.78	1.89	1.81	1.87
Durable goods.....	2.29	1.58	1.96	2.15	1.68	1.91	2.09	2.04	2.21
Nondurable goods.....	1.89	1.39	1.54	1.64	1.48	1.66	1.69	1.59	1.56
Wholesale trade, total.....	1.30	0.91	0.99	1.08	1.03	1.20	1.18	1.25	1.29
Durable goods.....	1.70	1.40	1.51	1.80	1.46	1.81	1.89	1.95	2.00
Nondurable goods.....	1.16	0.78	0.77	0.80	0.82	0.90	0.85	0.90	0.96
Retail trade, total.....	1.49	1.21	1.40	1.43	1.40	1.63	1.53	1.57	1.58
Durable goods.....	1.97	1.74	1.80	1.87	1.61	2.09	2.04	2.08	2.14
Nondurable goods.....	1.29	1.07	1.22	1.21	1.27	1.39	1.27	1.29	1.29
<b>Manufacturing inventories, end of year, by stages of fabrication, total (unadjusted).....</b>	<b>12.9</b>	<b>18.5</b>	<b>31.8</b>	<b>29.0</b>	<b>34.5</b>	<b>43.1</b>	<b>44.4</b>	<b>46.9</b>	<b>44.0</b>
Purchased materials, total.....	4.8	8.2	13.2	11.4	14.9	17.0	16.5	16.4	15.0
Goods in process, total.....	2.8	4.9	7.5	6.7	8.4	11.0	12.6	13.3	12.7
Finished goods, total.....	5.2	5.3	11.1	10.9	11.2	15.1	15.3	17.2	16.3
Durable goods.....	6.3	8.8	15.7	14.0	16.8	22.7	24.4	26.7	24.4
Purchased materials.....	2.2	3.2	5.8	4.7	6.3	7.6	7.5	7.7	6.6
Goods in process.....	2.0	3.5	5.3	4.7	5.9	8.4	10.0	10.6	9.9
Finished goods.....	2.1	2.1	4.6	4.6	4.6	6.7	6.9	8.4	7.9
Nondurable goods.....	6.6	9.7	16.1	15.1	17.8	20.4	20.1	20.3	19.6
Purchased materials.....	2.7	5.0	7.4	6.7	8.7	9.4	9.0	8.7	8.4
Goods in process.....	0.9	1.4	2.2	2.0	2.5	2.6	2.7	2.8	2.8
Finished goods.....	3.0	3.2	6.5	6.4	6.6	8.4	8.4	8.8	8.5
<b>Ratio of inventories to sales (percent):<sup>1</sup></b>									
Durable goods:									
Purchased materials.....	0.74	0.52	0.71	0.74	0.57	0.66	0.65	0.60	0.61
Goods in process.....	0.67	0.72	0.68	0.72	0.58	0.69	0.83	0.83	0.89
Finished goods.....	0.88	0.33	0.56	0.69	0.52	0.56	0.62	0.61	0.72
Nondurable goods:									
Purchased materials.....	0.74	0.72	0.73	0.71	0.65	0.79	0.75	0.68	0.65
Goods in process.....	0.24	0.22	0.23	0.23	0.22	0.22	0.23	0.23	0.22
Finished goods.....	0.90	0.44	0.59	0.70	0.61	0.64	0.71	0.68	0.69
<b>Manufacturing, new orders, total (unadjusted).....</b>	<b>81.7</b>	<b>126.4</b>	<b>208.2</b>	<b>190.8</b>	<b>251.8</b>	<b>292.7</b>	<b>284.5</b>	<b>286.3</b>	<b>277.0</b>
Durable goods.....	40.5	47.3	89.8	79.1	123.8	152.6	142.6	136.5	124.6
Nondurable goods.....	41.2	79.1	118.4	111.7	128.0	140.1	141.9	149.8	152.4
<b>Manufacturing, unfilled orders, end of year, total (unadjusted).....</b>	<b>18.4</b>	<b>20.9</b>	<b>26.9</b>	<b>20.8</b>	<b>41.1</b>	<b>67.4</b>	<b>75.3</b>	<b>58.3</b>	<b>47.3</b>
Durable goods.....	16.5	18.0	24.2	18.4	36.6	64.0	72.2	56.0	44.6
Nondurable goods.....	1.8	2.9	2.8	2.4	4.6	3.4	3.2	2.3	2.7

<sup>1</sup> Ratio of average inventories to monthly sales; average inventories based on weighted averages of end of period figures.

Source: Department of Commerce, Office of Business Economics and Bureau of the Census; *Survey of Current Business* and records.



## No. 596.—NET CHANGE IN BUSINESS INVENTORIES: 1929 TO 1954

[In millions of dollars. Net change in business inventories measures change in physical inventories, valued at average prices current during year. Difference between change in business inventories as thus measured and change in book value of inventories constitutes inventory valuation adjustment]

ITEM	1929	1933	1940	1945	1950	1951	1952	1953	1954 (prel.)
<b>Net change in business inventories, total</b> .....	1,674	-1,629	2,172	-1,057	7,351	10,355	3,625	1,494	-3,700
Farm.....	-162	-259	270	-462	923	1,404	654	-675	200
Nonfarm.....	1,836	-1,370	1,902	-595	6,428	8,951	2,971	2,169	-3,800
<b>Net change in nonfarm inventories</b> .....	1,836	-1,370	1,902	-595	6,428	8,951	2,971	2,169	-3,800
Corporate.....	1,558	-871	1,586	-1,027	4,924	8,080	2,781	1,621	(1)
Noncorporate.....	278	-499	316	432	1,504	871	190	548	(1)
Change in book value.....	1,222	1,298	2,147	75	12,426	10,555	1,782	3,328	(1)
Corporate.....	1,086	1,272	1,786	-463	9,788	9,340	1,800	2,585	(1)
Noncorporate.....	136	26	361	538	2,638	1,215	-18	743	(1)
Inventory valuation adjustment.....	614	-2,668	-245	-670	-5,998	-1,604	1,189	-1,159	(1)
Corporate.....	472	-2,143	-200	-564	-4,864	-1,260	981	-964	-200
Noncorporate.....	142	-525	-45	-106	-1,134	-344	208	-195	(1)
<b>Net change in nonfarm inventories by industrial groups</b> .....	1,836	-1,370	1,902	-595	6,428	8,951	2,971	2,169	-3,800
Manufacturing.....	911	-578	1,218	-1,556	2,265	7,400	2,024	1,699	(1)
Change in book value.....	598	828	1,357	-1,121	5,496	8,066	1,359	2,324	-2,900
Inventory valuation adjustment.....	313	-1,406	-139	-435	-3,231	-666	665	-625	(1)
Wholesale trade.....	31	-89	183	560	1,356	308	721	451	(1)
Change in book value.....	-74	268	173	665	2,458	604	391	594	-300
Inventory valuation adjustment.....	105	-357	10	-105	-1,102	-296	330	-143	(1)
Retail trade.....	250	-488	482	272	2,404	336	187	-1	(1)
Change in book value.....	77	220	563	358	3,653	836	-45	264	-500
Inventory valuation adjustment.....	173	-708	-81	-86	-1,249	-500	232	-265	(1)
All other.....	644	-215	19	129	403	907	39	20	(1)
Change in book value.....	621	-18	54	173	819	1,049	77	146	(1)
Inventory valuation adjustment.....	23	-197	-35	-44	-416	-142	-38	-126	(1)

<sup>1</sup> Not available.

Source: Department of Commerce, Office of Business Economics; *National Income Supplement*, 1954, and records.

## No. 597.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES: 1857 TO 1954

[Excludes all railroad failures. Series revised beginning 1933 to exclude real estate and financial companies. These revisions bring "Number of failures" more nearly in accordance with type of concerns covered by "Total number of concerns in business," in which no changes were made. Beginning 1939, new series includes voluntary discontinuances with loss to creditors and small concerns forced out of business with insufficient assets to cover all claims, in addition to failures included in former series. See also beadnote, table 598]

YEAR OR YEARLY AVERAGE	Total number of concerns in business <sup>1</sup>	Number of failures	Current liabilities (1,000 dollars)	Average liability	YEAR	Total number of concerns in business <sup>1</sup>	Number of failures	Current liabilities (1,000 dollars)	Average liability
1857-1860.....	224,597	4,185	132,925	\$31,762	1932.....	2,076,580	31,822	928,313	29,172
1861-1865.....	301,574	2,038	52,873	25,944	1933 <sup>2</sup> .....	1,960,701	20,307	502,830	24,761
1866-1870.....	391,373	2,648	75,488	28,508	1933 <sup>2</sup> .....	1,960,701	19,859	457,520	23,038
1871-1875.....	522,349	5,147	158,221	30,740	1934.....	1,973,900	12,091	333,959	27,621
1876-1880.....	677,247	7,967	156,014	18,700	1935.....	1,982,905	12,244	310,580	25,366
1881-1885.....	858,537	8,622	143,228	16,338	1936.....	2,009,935	9,607	203,173	21,148
1886-1890.....	1,034,503	10,387	148,935	14,338	1937.....	2,056,598	9,490	183,253	19,310
1891-1895.....	1,166,445	12,988	199,376	15,351	1938.....	2,101,933	12,836	246,505	19,204
1896-1900.....	1,127,565	12,147	148,094	12,192	1939 <sup>2</sup> .....	2,116,008	11,408	168,204	14,744
1901-1905.....	1,286,304	11,681	126,578	10,836	1939 <sup>2</sup> .....	2,116,008	14,768	182,520	12,359
1906-1910.....	1,452,022	12,735	179,000	14,056	1940.....	2,156,450	13,619	166,684	12,239
1911-1915.....	1,607,221	17,073	265,410	15,545	1941.....	2,170,615	11,848	136,104	11,488
1916-1920.....	1,736,249	11,232	190,017	16,917	1942.....	2,151,549	9,405	100,763	10,713
1921-1925.....	2,013,406	20,775	555,531	26,740	1943.....	2,023,007	3,221	45,339	14,076
1926-1930.....	2,184,996	23,605	514,086	21,779	1944.....	1,855,033	1,222	31,660	25,908
1931-1935.....	2,023,875	20,860	553,336	26,526	1945.....	1,909,095	809	30,225	37,361
1936-1940.....	2,088,185	12,064	196,427	16,282	1946.....	2,141,807	1,129	67,349	59,654
1941-1945.....	2,021,860	5,301	68,852	12,988	1947.....	2,404,883	3,474	204,612	58,898
1946-1950.....	2,492,560	5,652	212,595	44,733	1948.....	2,550,018	5,250	234,620	44,690
1951.....	2,158,457	21,773	409,233	18,795	1949.....	2,679,306	9,246	308,109	33,323
1952.....	2,171,688	23,146	520,105	22,471	1950.....	2,686,786	9,162	248,283	27,099
1953.....	2,199,049	23,842	489,559	20,534	1951.....	2,607,977	8,058	259,547	32,210
1954.....	2,212,779	22,909	483,252	21,094	1952.....	2,637,004	7,611	253,314	37,224
1955.....	2,183,008	26,355	668,282	25,357	1953.....	2,666,680	8,862	394,153	44,477
1956.....	2,125,288	28,285	736,310	26,032	1954.....	2,632,312	11,086	462,628	41,731

<sup>1</sup> Data for 1857-70 based on census of business by Mercantile Agency in 1857 and 1859; thereafter data represent number of names listed in July issue of *Dun & Bradstreet Reference Book*. See table 600 for class of industries covered.

<sup>2</sup> See headnote regarding revisions. Figures in italics are comparable with preceding years.

Source: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in *Dun's Statistical Review*.

# **No. 598.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER, LIABILITIES, AND RATE, BY MONTHS: 1949 TO 1954**

[Liabilities in thousands of dollars. Current liabilities represent primarily current indebtedness, including not only all accounts and notes payable, but also all obligations, whether in a secured form or not, known to be held by bank officers, affiliated companies, supplying companies, or the Government. They exclude long-term publicly held obligations. Offsetting assets are not taken into account]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Number:</b>												
1949-----	566	685	847	877	775	828	719	810	732	802	835	770
1950-----	864	811	884	806	874	725	694	787	648	707	683	679
1951-----	775	599	732	693	755	699	665	678	620	643	587	612
1952-----	671	619	715	780	638	671	580	594	539	631	590	583
1953-----	647	691	739	693	697	817	724	700	686	840	815	813
1954-----	867	926	1,102	975	943	965	856	912	819	871	933	917
<b>Current liabilities:</b>												
1949-----	19,159	27,567	37,188	31,930	24,583	28,161	21,804	31,175	20,598	23,894	22,799	19,251
1950-----	26,436	22,156	27,900	21,250	22,672	18,072	19,538	18,448	15,254	16,649	18,864	21,044
1951-----	21,685	16,009	17,652	17,064	23,504	22,773	21,088	26,417	26,643	29,742	17,567	19,403
1952-----	26,208	19,474	29,232	29,530	21,193	21,222	22,789	16,322	20,138	35,049	18,757	23,400
1953-----	23,309	27,273	31,082	27,520	32,789	32,379	39,830	28,529	33,817	37,076	36,795	43,754
1954-----	29,592	47,774	57,280	42,512	38,494	41,613	32,230	32,582	36,381	29,000	35,067	40,103
<b>Rate:<sup>1</sup></b>												
1950-----	38.5	41.0	36.4	36.0	37.6	31.2	31.2	32.7	29.5	32.3	33.7	30.9
1951-----	34.0	31.0	31.2	31.9	33.5	31.2	30.7	28.9	29.7	28.5	29.3	28.2
1952-----	29.7	31.0	31.6	34.4	28.1	30.7	25.4	25.9	24.5	27.4	30.3	25.3
1953-----	28.2	35.6	32.2	30.3	31.5	35.4	31.3	30.3	30.7	36.2	41.7	35.3
1954-----	39.4	47.9	46.7	42.9	43.1	42.5	37.6	40.1	37.5	39.9	46.4	40.3

<sup>1</sup> Number of failures per 10,000 enterprises.

# **No. 599.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY INDUSTRIAL GROUPS AND SIZE OF LIABILITIES: 1952 TO 1954**

[Liabilities in thousands of dollars. See headnote, table 598]

INDUSTRIAL GROUP AND SIZE OF LIABILITIES	1952			1953			1954		
	Number	Per-cent	Current liabilities	Number	Per-cent	Current liabilities	Number	Per-cent	Current liabilities
<b>Total-----</b>	<b>7,611</b>	<b>100.0</b>	<b>283,314</b>	<b>8,862</b>	<b>100.0</b>	<b>394,153</b>	<b>11,086</b>	<b>100.0</b>	<b>462,628</b>
Under \$5,000-----	1,428	18.8	4,272	1,383	15.6	4,041	1,640	14.8	4,864
\$5,000 to \$25,000-----	3,884	51.0	46,016	4,317	48.7	52,010	5,640	50.9	70,124
\$25,000 to \$100,000-----	1,769	23.3	81,583	2,375	26.8	111,479	2,946	26.5	136,404
\$100,000 to \$1,000,000-----	512	6.7	114,032	748	8.5	166,625	829	7.5	181,732
\$1,000,000 and over-----	18	0.2	37,411	39	0.4	59,998	31	0.3	69,504
<b>Mining and manufacturing-----</b>	<b>1,581</b>	<b>100.0</b>	<b>104,954</b>	<b>1,857</b>	<b>100.0</b>	<b>158,854</b>	<b>2,282</b>	<b>100.0</b>	<b>171,284</b>
Under \$5,000-----	171	10.8	504	169	9.1	488	211	9.3	617
\$5,000 to \$25,000-----	668	42.3	8,027	721	38.8	8,802	936	41.0	11,787
\$25,000 to \$100,000-----	509	32.2	24,664	637	34.3	31,227	766	33.6	37,460
\$100,000 to \$1,000,000-----	222	14.0	51,967	304	16.4	77,474	352	15.4	83,642
\$1,000,000 and over-----	11	0.7	19,792	26	1.4	40,863	17	0.7	37,778
<b>Wholesale trade-----</b>	<b>748</b>	<b>100.0</b>	<b>40,896</b>	<b>933</b>	<b>100.0</b>	<b>52,199</b>	<b>1,132</b>	<b>100.0</b>	<b>56,338</b>
Under \$5,000-----	95	12.7	283	81	8.7	242	105	9.3	303
\$5,000 to \$25,000-----	339	45.3	4,250	408	43.7	5,165	498	44.0	6,764
\$25,000 to \$100,000-----	240	32.1	11,233	324	34.7	15,334	406	35.9	19,331
\$100,000 to \$1,000,000-----	70	9.4	13,244	116	12.5	23,933	119	10.5	26,706
\$1,000,000 and over-----	4	0.5	11,886	4	0.4	7,525	4	0.3	3,234
<b>Retail trade-----</b>	<b>3,833</b>	<b>100.0</b>	<b>75,547</b>	<b>4,381</b>	<b>100.0</b>	<b>117,299</b>	<b>5,491</b>	<b>100.0</b>	<b>145,473</b>
Under \$5,000-----	925	24.1	2,773	878	20.0	2,564	1,008	18.4	3,014
\$5,000 to \$25,000-----	2,141	55.9	24,504	2,379	54.3	27,789	3,159	57.5	38,074
\$25,000 to \$100,000-----	670	17.5	29,371	923	21.1	41,801	1,138	20.7	50,054
\$100,000 to \$1,000,000-----	97	2.5	18,899	196	4.5	39,575	181	3.3	34,058
\$1,000,000 and over-----				5	0.1	5,570	5	0.1	20,273
<b>Construction-----</b>	<b>838</b>	<b>100.0</b>	<b>36,145</b>	<b>1,024</b>	<b>100.0</b>	<b>43,327</b>	<b>1,305</b>	<b>100.0</b>	<b>56,829</b>
Under \$5,000-----	114	13.6	342	127	12.4	379	146	11.2	453
\$5,000 to \$25,000-----	423	50.5	5,538	468	45.7	6,046	608	46.6	7,985
\$25,000 to \$100,000-----	221	26.4	10,553	325	31.7	15,169	431	33.0	20,213
\$100,000 to \$1,000,000-----	80	9.5	19,712	102	10.0	19,487	118	9.0	23,699
\$1,000,000 and over-----				2	0.2	2,246	2	0.2	4,479
<b>Commercial service-----</b>	<b>611</b>	<b>100.0</b>	<b>25,772</b>	<b>667</b>	<b>100.0</b>	<b>22,474</b>	<b>876</b>	<b>100.0</b>	<b>32,704</b>
Under \$5,000-----	123	20.1	370	128	19.2	368	170	19.4	477
\$5,000 to \$25,000-----	313	51.2	3,697	341	51.1	4,208	439	50.1	5,514
\$25,000 to \$100,000-----	129	21.1	5,762	166	24.9	7,948	205	23.4	9,346
\$100,000 to \$1,000,000-----	43	7.1	10,210	30	4.5	6,156	59	6.7	13,627
\$1,000,000 and over-----	3	0.5	5,733	2	0.3	3,794	3	0.4	3,740

Source of tables 598 and 599: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in *Dun's Statistical Review*.



**No. 600.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY INDUSTRIAL GROUPS AND INDUSTRIES: 1951 TO 1954**

[See beadnote, table 598]

INDUSTRIAL GROUP	NUMBER				CURRENT LIABILITIES (\$1,000)			
	1951	1952	1953	1954	1951	1952	1953	1954
<b>Grand total</b> .....	8, 058	7, 611	8, 862	11, 086	259, 547	283, 314	394, 153	462, 628
<b>Mining and manufacturing</b> .....	1, 533	1, 581	1, 857	2, 282	90, 970	104, 954	158, 854	171, 284
Mining—Coal, oil, miscellaneous.....	38	42	41	42	6, 820	3, 794	3, 034	8, 007
Food and kindred products.....	209	164	165	179	14, 474	12, 648	22, 370	16, 089
Textile-mill products and apparel.....	397	388	472	543	17, 313	19, 868	30, 381	28, 682
Lumber and products.....	220	245	287	336	15, 262	11, 758	14, 092	18, 584
Paper, printing, and publishing.....	89	101	107	129	5, 963	7, 038	10, 687	12, 274
Chemicals and allied products.....	49	43	60	75	6, 056	3, 937	7, 292	5, 634
Leather and products.....	67	82	98	103	2, 944	4, 553	7, 109	6, 868
Stone, clay, and glass products.....	31	40	39	60	591	1, 886	2, 082	2, 232
Iron, steel, and products.....	40	50	66	115	1, 670	4, 234	11, 977	10, 437
Machinery.....	106	131	171	301	10, 360	19, 680	29, 753	37, 874
Transportation equipment.....	18	44	60	51	937	2, 530	6, 249	5, 938
Miscellaneous.....	269	251	291	348	8, 580	13, 028	13, 828	18, 665
<b>Wholesale trade</b> .....	827	748	933	1, 132	41, 572	40, 896	52, 199	56, 338
Food and farm products.....	253	217	265	298	14, 553	10, 363	16, 672	14, 038
Apparel.....	41	51	38	46	1, 265	1, 745	1, 217	1, 595
Dry goods.....	21	35	44	60	387	1, 475	2, 338	2, 377
Lumber, building materials, hardware.....	57	62	103	113	3, 137	3, 501	9, 304	5, 019
Chemicals and drugs.....	32	23	35	47	900	1, 140	1, 598	1, 334
Motor vehicles and auto equipment.....	31	32	36	56	2, 097	1, 150	1, 240	1, 833
Miscellaneous.....	392	328	412	512	19, 233	21, 522	19, 830	30, 142
<b>Retail trade</b> .....	4, 088	3, 833	4, 381	5, 491	72, 936	75, 547	117, 299	145, 473
Food and liquor.....	1, 063	919	888	1, 004	13, 870	13, 343	15, 586	14, 805
General merchandise.....	139	135	149	192	4, 365	3, 086	4, 239	7, 052
Apparel and accessories.....	600	570	597	808	9, 599	10, 730	15, 204	15, 153
Furniture, home furnishings.....	408	428	711	906	12, 075	10, 677	26, 654	43, 419
Lumber, building materials, hardware.....	233	187	221	311	4, 335	6, 705	7, 181	9, 844
Automotive group.....	310	302	520	616	5, 215	6, 225	17, 172	20, 604
Eating and drinking places.....	864	828	793	985	16, 498	16, 097	17, 473	18, 683
Drug stores.....	108	107	123	161	1, 845	1, 908	4, 199	4, 839
Miscellaneous.....	363	357	379	508	5, 134	6, 776	9, 591	11, 074
<b>Construction</b> .....	957	838	1, 024	1, 305	37, 473	36, 145	43, 327	56, 829
General building contractors.....	346	317	382	456	19, 779	20, 812	21, 537	29, 757
Building subcontractors.....	577	494	582	793	13, 653	14, 037	16, 082	23, 707
Other contractors.....	34	27	60	56	4, 041	1, 296	5, 708	3, 365
<b>Commercial service</b> .....	653	611	667	876	16, 596	25, 772	22, 474	32, 704
Passenger and freight transportation.....	200	178	212	282	8, 216	14, 909	8, 197	14, 461
Miscellaneous public services.....	27	34	27	40	713	1, 893	2, 513	1, 746
Hotels.....	22	28	25	37	577	1, 290	4, 088	2, 614
Cleaning, dyeing, repairing.....	95	87	74	105	1, 762	1, 283	1, 315	1, 838
Laundries.....	42	40	40	41	1, 066	851	1, 189	1, 174
Undertakers.....	5	10	5	5	100	273	133	32
Other personal services.....	57	56	41	61	677	987	648	2, 124
Business and repair services.....	205	178	243	305	3, 485	4, 286	4, 391	8, 715

Source: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in *Dun's Statistical Review*.

**No. 601.—INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY STATES: 1952 TO 1954**

DIVISION AND STATE	NUMBER OF CONCERNS IN BUSINESS <sup>1</sup>			FAILURES						
				Number			As per- cent of con- cerns in busi- ness, 1954	CURRENT LIABILITIES (\$1,000)		
	1952	1953	1954	1952	1953	1954		1952	1953	1954
<b>United States</b> .....	2, 637, 004	2, 666, 680	2, 632, 312	7, 611	8, 862	11, 086	0. 42	283, 314	394, 153	462, 628
<b>New England</b> .....	179, 245	179, 682	178, 856	720	668	727	0. 41	27, 550	26, 892	30, 662
Maine.....	16, 326	16, 187	15, 904	32	32	48	0. 30	659	2, 168	1, 362
New Hampshire.....	9, 909	9, 651	9, 389	25	24	22	0. 23	1, 848	1, 309	905
Vermont.....	7, 187	7, 100	6, 699	13	8	7	0. 10	648	260	161
Massachusetts.....	89, 573	89, 738	89, 989	368	314	363	0. 40	13, 930	13, 899	15, 103
Rhode Island.....	15, 840	16, 280	15, 845	87	97	106	0. 67	2, 984	2, 856	3, 766
Connecticut.....	40, 410	40, 726	41, 030	195	193	181	0. 44	7, 481	6, 400	9, 365
<b>Middle Atlantic</b> .....	579, 501	588, 455	574, 779	2, 978	3, 309	3, 753	0. 65	116, 619	153, 888	155, 296
New York.....	293, 934	298, 812	289, 380	2, 335	2, 539	2, 843	0. 98	87, 729	106, 417	106, 784
New Jersey.....	96, 730	97, 798	98, 568	319	360	385	0. 39	18, 627	25, 856	20, 086
Pennsylvania.....	188, 837	191, 845	186, 831	324	410	525	0. 28	10, 263	21, 615	28, 426
<b>East North Central</b> .....	541, 305	542, 613	534, 902	931	979	1, 416	0. 26	35, 622	45, 683	78, 119
Ohio.....	133, 569	133, 846	133, 438	205	271	384	0. 29	11, 254	11, 479	14, 463
Indiana.....	69, 057	69, 953	68, 521	49	67	134	0. 20	1, 773	2, 682	6, 644
Illinois.....	166, 681	165, 735	160, 383	378	332	450	0. 28	13, 158	20, 046	38, 641
Michigan.....	99, 217	100, 366	100, 330	170	114	209	0. 21	5, 944	5, 511	11, 150
Wisconsin.....	72, 781	72, 713	72, 230	129	195	239	0. 33	3, 493	5, 965	7, 221
<b>West North Central</b> .....	230, 891	278, 089	276, 280	228	274	374	0. 14	9, 361	12, 779	14, 484
Minnesota.....	57, 940	57, 456	56, 963	69	84	108	0. 19	2, 010	3, 500	4, 605
Iowa.....	53, 338	52, 626	52, 423	32	60	53	0. 10	852	3, 056	2, 418
Missouri.....	75, 788	75, 195	74, 434	75	70	113	0. 15	3, 846	3, 726	4, 429
North Dakota.....	11, 791	11, 805	11, 839	5	4	6	0. 05	263	150	372
South Dakota.....	13, 969	13, 632	13, 545	7	3	3	0. 02	175	25	78
Nebraska.....	29, 557	29, 421	28, 760	13	17	36	0. 13	557	1, 015	1, 169
Kansas.....	38, 508	37, 954	38, 316	27	36	55	0. 14	1, 658	1, 307	1, 413
<b>South Atlantic</b> .....	302, 171	315, 441	318, 889	467	649	957	0. 30	22, 150	31, 665	44, 773
Delaware.....	6, 333	6, 501	6, 585	7	7	4	0. 06	174	1, 039	410
Maryland.....	34, 410	35, 304	35, 551	69	118	165	0. 46	3, 962	4, 400	4, 694
Dist. of Columbia.....	9, 295	9, 374	10, 166	24	27	64	0. 63	695	3, 138	4, 644
Virginia.....	47, 240	48, 699	47, 676	70	57	104	0. 22	1, 512	1, 424	3, 979
West Virginia.....	27, 688	27, 843	27, 905	47	59	83	0. 30	2, 666	4, 425	2, 046
North Carolina.....	55, 136	58, 493	58, 610	46	60	69	0. 12	3, 384	3, 913	4, 795
South Carolina.....	24, 258	25, 980	26, 808	10	31	71	0. 26	923	1, 119	6, 159
Georgia.....	43, 824	46, 048	46, 431	51	108	152	0. 33	2, 237	3, 373	5, 237
Florida.....	53, 987	57, 199	59, 157	143	182	245	0. 41	6, 597	8, 834	12, 809
<b>East South Central</b> .....	150, 804	151, 077	147, 720	194	264	282	0. 19	5, 026	11, 041	8, 904
Kentucky.....	42, 670	43, 633	42, 477	33	47	40	0. 09	778	1, 517	1, 561
Tennessee.....	44, 904	44, 823	44, 501	92	73	96	0. 22	2, 447	3, 049	3, 252
Alabama.....	35, 321	34, 974	34, 639	41	95	73	0. 21	1, 328	4, 459	1, 650
Mississippi.....	27, 909	27, 647	26, 103	28	49	73	0. 28	473	2, 016	2, 441
<b>West South Central</b> .....	242, 399	247, 656	242, 938	191	357	423	0. 17	10, 384	25, 035	22, 049
Arkansas.....	29, 617	29, 775	28, 456	17	31	36	0. 13	726	1, 166	1, 830
Louisiana.....	37, 703	39, 067	37, 850	58	97	96	0. 25	1, 912	3, 427	4, 358
Oklahoma.....	38, 278	39, 050	37, 902	22	46	47	0. 12	1, 895	4, 304	1, 438
Texas.....	136, 801	139, 764	138, 730	94	183	244	0. 18	5, 851	16, 138	14, 423
<b>Mountain</b> .....	94, 889	98, 138	98, 141	163	213	310	0. 32	6, 676	7, 877	8, 806
Montana.....	11, 330	11, 536	11, 495	5	9	14	0. 12	280	140	230
Idaho.....	10, 721	11, 079	10, 884	21	26	22	0. 20	447	1, 010	856
Wyoming.....	6, 220	6, 486	6, 222	1	7	3	0. 05	25	150	47
Colorado.....	28, 770	29, 943	29, 180	12	38	52	0. 18	1, 278	2, 084	2, 052
New Mexico.....	12, 323	12, 205	12, 324	10	15	22	0. 18	259	919	752
Arizona.....	10, 697	11, 446	11, 781	49	68	107	0. 91	1, 754	1, 910	2, 085
Utah.....	11, 571	11, 949	12, 599	50	39	45	0. 36	1, 304	1, 001	1, 557
Nevada.....	3, 257	3, 494	3, 656	15	11	45	1. 23	1, 329	663	1, 227
<b>Pacific</b> .....	265, 799	265, 529	259, 807	1, 739	2, 149	2, 844	1. 09	49, 926	79, 293	99, 535
Washington.....	43, 677	43, 681	41, 589	115	128	178	0. 43	3, 735	4, 005	5, 251
Oregon.....	30, 899	30, 491	29, 233	73	79	108	0. 37	2, 677	2, 917	4, 921
California.....	191, 223	191, 357	188, 985	1, 551	1, 942	2, 558	1. 35	43, 514	72, 371	89, 363

<sup>1</sup> Represents number of names listed in July issue of the *Dun & Bradstreet Reference Book*. See table 600 for class of industries covered.

Source: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in *Dun's Statistical Review*.



# **No. 602.—PATENT APPLICATIONS AND PATENTS AND CERTIFICATES OF REGISTRATION: 1901 TO 1954**

[Data include patents issued to citizens of United States and residents of foreign countries. For information on copyrights, see table 631, p. 525. See also *Historical Statistics*, series P 176-187]

CALENDAR YEAR OR PERIOD	Patent applications <sup>1</sup>	PATENTS ISSUED					CERTIFICATES OF REGISTRATION ISSUED				
		Total	Patents	Plant patents	Designs	Reissues	Total	Trade-marks	Trade-mark renewals	Labels	Prints
1901-1905.....	253,417	148,291	143,791	-----	3,953	547	18,590	12,768	-----	4,579	1,243
1906-1910.....	307,187	175,618	171,500	-----	3,297	761	36,375	32,060	-----	2,856	1,459
1911-1915.....	350,937	194,387	186,241	-----	7,295	851	32,351	27,369	-----	3,522	1,490
1916-1920.....	368,737	207,108	197,644	-----	8,486	978	35,364	30,681	-----	3,411	1,272
1921-1925.....	428,591	217,525	203,977	-----	12,326	1,222	81,566	68,881	<sup>2</sup> 2,278	7,361	3,046
1926-1930.....	459,604	234,857	219,384	-----	13,796	1,677	97,458	71,469	12,796	8,736	4,457
1931-1935.....	342,861	256,219	239,092	161	15,079	1,887	72,721	52,432	9,220	8,466	2,603
1936-1940.....	359,544	229,514	200,902	275	26,458	1,879	71,785	52,709	8,408	8,128	2,540
1941-1945.....	294,273	184,573	164,438	229	18,893	1,023	52,203	34,447	17,756	( <sup>3</sup> )	( <sup>3</sup> )
1946-1950.....	400,342	163,122	144,160	335	18,018	609	85,654	61,372	24,282	( <sup>3</sup> )	( <sup>3</sup> )
1947.....	83,313	22,433	20,149	52	2,102	130	15,121	8,981	6,140	( <sup>3</sup> )	( <sup>3</sup> )
1948.....	75,952	28,096	25,973	44	3,968	111	16,530	11,474	5,056	( <sup>3</sup> )	( <sup>3</sup> )
1949.....	74,810	39,809	35,147	93	4,451	118	19,769	15,872	3,797	( <sup>3</sup> )	( <sup>3</sup> )
1950.....	74,295	48,009	43,072	90	4,718	129	20,393	16,829	3,564	( <sup>3</sup> )	( <sup>3</sup> )
1951.....	64,949	48,719	44,363	58	4,164	134	20,730	17,380	3,350	( <sup>3</sup> )	( <sup>3</sup> )
1952.....	68,284	46,890	43,667	101	2,959	163	19,598	16,179	3,419	( <sup>3</sup> )	( <sup>3</sup> )
1953.....	<sup>4</sup> 79,486	43,459	40,516	78	2,714	151	18,720	15,617	3,103	( <sup>3</sup> )	( <sup>3</sup> )
1954.....	82,968	36,664	33,872	101	2,536	155	19,443	15,952	3,491	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Figures include patents for inventions, designs, and reissues of patents. Includes applications without fees from 1918 to date.

<sup>2</sup> Data are for the year 1925.

<sup>3</sup> Figures for 1940 are for the 6-month period ended June 30, 1940. On July 1, 1940, jurisdiction of prints and labels was transferred to the Copyright Office, Library of Congress, and data concerning them are compiled by that organization. (See table 631.)

<sup>4</sup> Excludes 150 trade-mark replications (under Trade-Mark Act of 1946) of trade-marks registered under prior acts for 1947; 19,730 for 1948; 12,983 for 1949; 2,053 for 1950; 1,297 for 1951; 1,182 for 1952; 1,392 for 1953; and 1,297 for 1954.

<sup>5</sup> Due to change in reporting base, 1953 figures include applications received from Dec. 24, 1952, through Dec. 31, 1953.

Source: Department of Commerce, United States Patent Office; records (not published elsewhere). Fiscal year figures published in *Annual Report of the Secretary*.

# **No. 603.—PATENTS AND DESIGNS GRANTED TO RESIDENTS OF FOREIGN COUNTRIES: 1950 TO 1954**

[See also *Historical Statistics*, series P 180]

COUNTRY	1950	1951	1952	1953	1954	COUNTRY	1950	1951	1952	1953	1954
<b>Total.....</b>	<b>4,408</b>	<b>4,888</b>	<b>5,635</b>	<b>4,331</b>	<b>4,433</b>	Italy.....	38	83	106	109	109
Argentina.....	25	33	57	54	42	Japan.....	2	3	8	17	21
Australia.....	68	69	80	55	44	Mexico.....	14	25	24	25	22
Austria.....	21	44	57	51	53	Netherlands.....	357	356	435	222	219
Belgium.....	47	91	90	76	73	New Zealand.....	10	17	19	19	10
Brazil.....	7	11	20	11	10	Norway.....	42	53	64	31	39
Canada.....	492	556	522	453	412	Philippines, Republic of the.....	5	-----	6	5	2
Czechoslovakia.....	47	96	67	22	11	Poland.....	-----	3	6	2	1
Cuba.....	20	23	18	12	19	Scotland.....	59	72	81	43	59
Denmark.....	60	74	85	32	40	Spain.....	18	26	26	20	24
England.....	1,521	1,612	1,774	1,332	1,215	Sweden.....	294	323	402	256	285
Finland.....	9	23	20	7	9	Switzerland.....	429	427	520	362	359
France.....	685	672	746	543	503	Union of South Africa.....	25	27	21	15	18
Germany.....	25	78	256	473	747	Union of Soviet Socialist Republics.....	1	3	2	-----	-----
Hungary.....	3	11	6	1	1	Wales.....	6	6	10	4	6
Ireland <sup>1</sup> .....	9	2	5	3	3	All other countries.....	69	69	102	76	77

<sup>1</sup> Includes Northern Ireland and Eire.

Source: Department of Commerce, United States Patent Office; records (not published elsewhere).

No. 604.—PATENTS AND DESIGNS ISSUED TO CITIZENS OF THE UNITED STATES,  
BY STATES AND OTHER AREAS, AND MILITARY ORGANIZATIONS: 1945 TO 1954

STATE OR OTHER AREA	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
<b>Total</b> .....	27, 124	22, 982	20, 676	25, 991	36, 569	43, 439	43, 659	41, 040	38, 928	32, 013
Alabama.....	116	63	63	80	145	134	159	139	152	120
Arizona.....	29	30	23	42	53	93	101	93	89	85
Arkansas.....	25	32	34	38	60	72	76	72	56	48
California.....	2, 223	2, 042	1, 719	2, 231	3, 144	3, 990	4, 084	3, 922	3, 789	3, 133
Colorado.....	108	85	106	153	216	284	288	330	286	178
Connecticut.....	916	728	738	817	1, 242	1, 468	1, 365	1, 270	1, 254	1, 076
Delaware.....	300	314	213	235	297	332	304	252	249	230
Florida.....	148	127	134	184	287	323	403	339	356	287
Georgia.....	89	82	66	107	147	214	199	215	160	150
Idaho.....	16	27	15	29	41	68	81	70	61	70
Illinois.....	2, 871	2, 325	2, 074	2, 448	3, 572	4, 229	4, 263	4, 105	3, 848	3, 007
Indiana.....	643	562	513	663	990	1, 117	1, 087	1, 021	1, 018	764
Iowa.....	183	159	109	197	288	371	377	420	361	291
Kansas.....	106	92	86	144	210	246	250	259	218	175
Kentucky.....	103	80	72	78	109	152	162	123	131	117
Louisiana.....	92	95	99	140	217	231	215	193	215	167
Maine.....	59	58	50	43	63	76	75	77	79	66
Maryland.....	340	310	306	353	566	671	678	604	514	458
Massachusetts.....	1, 259	1, 106	1, 046	1, 336	1, 841	1, 912	1, 925	1, 817	1, 766	1, 367
Michigan.....	1, 607	1, 189	1, 085	1, 346	2, 024	2, 417	2, 642	2, 347	2, 361	1, 987
Minnesota.....	368	265	270	357	512	698	734	731	674	594
Mississippi.....	27	20	19	27	48	59	78	67	73	53
Missouri.....	518	356	332	479	601	780	912	815	829	625
Montana.....	25	19	28	30	59	63	77	51	75	39
Nebraska.....	44	47	28	49	77	129	120	114	102	82
Nevada.....	13	11	10	17	27	36	30	39	25	21
New Hampshire.....	67	45	56	46	78	86	88	159	91	68
New Jersey.....	2, 427	2, 218	2, 063	2, 399	3, 217	3, 701	3, 612	3, 231	3, 091	2, 614
New Mexico.....	17	45	30	28	50	57	58	61	56	53
New York.....	4, 882	4, 382	3, 690	4, 664	6, 313	7, 209	6, 893	6, 063	5, 466	4, 512
North Carolina.....	106	77	79	116	172	248	266	234	232	179
North Dakota.....	16	10	38	17	24	38	41	41	44	25
Ohio.....	2, 362	1, 864	1, 623	2, 056	2, 896	3, 412	3, 627	3, 481	3, 413	2, 634
Oklahoma.....	330	201	208	177	378	494	529	493	495	412
Oregon.....	132	120	94	124	225	294	326	329	300	235
Pennsylvania.....	2, 050	1, 701	1, 488	1, 953	2, 590	3, 099	3, 077	2, 957	2, 735	2, 389
Rhode Island.....	338	249	293	551	382	409	313	329	413	497
South Carolina.....	44	29	23	49	70	98	83	76	81	77
South Dakota.....	12	13	12	18	29	43	40	41	36	36
Tennessee.....	109	97	120	123	241	294	264	287	269	215
Texas.....	485	414	371	511	740	992	1, 060	1, 108	1, 011	872
Utah.....	43	21	31	30	41	70	59	77	64	64
Vermont.....	32	27	25	31	43	66	55	73	66	52
Virginia.....	150	159	159	192	296	356	327	322	317	248
Washington.....	228	180	203	235	382	480	438	490	459	383
West Virginia.....	109	102	84	85	114	162	156	123	132	105
Wisconsin.....	665	490	484	640	987	1, 114	1, 114	1, 036	1, 060	937
Wyoming.....	17	13	12	16	33	32	23	34	45	17
Alaska.....	2	5	2	-----	3	12	8	11	8	8
Canal Zone.....	3	2	-----	9	5	2	6	3	1	2
District of Columbia.....	203	202	157	205	279	348	385	384	240	158
Guam.....	-----	-----	-----	1	-----	-----	-----	-----	-----	-----
Hawaii.....	16	17	12	8	14	31	31	40	28	9
Puerto Rico.....	4	2	3	2	4	6	3	6	5	4
Virgin Islands.....	-----	-----	-----	1	-----	2	-----	1	5	3
U. S. Army.....	22	12	15	19	24	16	9	12	4	3
U. S. Navy.....	21	59	61	57	99	97	77	47	20	11
U. S. Marine Corps.....	4	2	2	1	2	2	2	2	-----	-----
U. S. Coast Guard.....	-----	-----	-----	4	1	4	4	3	-----	-----
U. S. Air Force.....	-----	-----	-----	-----	1	-----	1	1	-----	1

Source: Department of Commerce, United States Patent Office; records (not published elsewhere).



## 18. Communications

This section includes financial and operational data for telephone, wire-telegraph, ocean-cable, and radiotelegraph carriers, data on newspapers, periodicals, and books, and data on the postal service. Also included are comparable data relating to authorized standard (AM) and FM radio and television broadcast stations and networks. Additional data on communications (e. g., number of telephones on farms, radios in occupied dwelling units, and the manufacture of communication equipment) appear in other sections of this *Abstract*.

**Telephone and telegraph systems.**—Since the establishment of the Federal Communications Commission in 1934, statistical coverage of communications has been concentrated in that agency. The Commission issues annually *Statistics of the Communications Industry in the United States*, the primary source of the data shown here. Additional data may be obtained from the annual reports of the American Telephone & Telegraph Co. and the Western Union Telegraph Co. Beginning in 1902, reports on the telephone and telegraph industries covering all systems and lines were compiled at 5-year intervals by the Bureau of the Census in the Census of Electrical Industries. The last Census was taken for the year 1937.

According to the Communications Act of 1934, as amended, only common carriers engaged in interstate, or foreign, communication service are subject to the full jurisdiction of the Commission, and are required to file annual and monthly reports. The companies controlling these carriers are also required to file annual reports. Practically all the wire-telegraph, ocean-cable, and radiotelegraph carriers are subject to the full jurisdiction of the Commission. A large number of telephone carriers engaged only in intrastate service are not fully subject to the Act. However, it is estimated that the gross operating revenues of the telephone carriers reporting annually cover over 90 percent of the revenues of all telephone carriers in the United States.

The term "system" in general is used for aggregations of lines operated by the larger companies. "Bell System" as referred to in this section, consists of the American Telephone & Telegraph Co., and its principal telephone subsidiaries.

**Broadcasting.**—Data are from the Federal Communications Commission. The number of broadcast stations refers to the number licensed or holding construction permits. Total broadcast revenues are defined as total time sales of all networks and stations, less commissions to agencies and plus incidental revenues, such as sale of talent, program material, etc. Reports filed with the Federal Communications Commission by broadcast stations and networks cover substantially all units in the industry which operate in the United States and its Territories and possessions.

**United States Postal Service.**—Data on the postal service are obtained from the *Annual Report of the Postmaster General*. The postal statistics, unless otherwise noted, include data for outlying Territories, possessions, etc., except the Canal Zone; the Philippine Islands are excluded for all years. Detailed statistics as to revenues, volume of mail and the distribution of expenditures of the Post Office Department by classes of mail and services may be obtained from the *Cost Ascertainment Report* published by the Department annually.

Note.—This section presents data for the most recent year or period available on April 8, 1955, when the material was organized and sent to the printer.

**Postal Service cost ascertainment.**—Cost ascertainment is the term applied in the Post Office Department to describe its plan or system, partly accounting and partly statistical, for developing through the medium of a “sampling” procedure, data on the revenues, expenses, volumes, and average hauls *fairly attributable* to each of the several classes of mail handled by the Postal Service (first, second, third, fourth, foreign, penalty, franked, free for the blind, and air mail) and similar revenue, expense, and volume data for each of its “special services” (special delivery, money order, insurance, collect-on-delivery, registry, and postal savings). Some of these types of information are also required for items classified as “unassignable” and for the several nonpostal services.

Postal revenues (except for about 15 percent thereof from second class matter, special service fees, and miscellaneous items which can be directly allocated or computed) are derived from postage, acquired in the form of stamps and stamped paper and by payments under permits, which may be used by the purchaser generally on any class of mail. The result is a large common pool of revenues from numerous sources.

The several classes of mail and the special services are in large measure handled by the same employees in post offices, in terminals, during transportation, and in making delivery. The same buildings, equipment, operating facilities, house service, and supplies are used largely in common for the performance of these several postal functions. Only a limited amount of the total expense incurred is, therefore, directly allocable to a specific class of mail or to a special service. Furthermore, complete counts of pieces of mail handled are physically impracticable because of the size, character, and the speed of Postal Service operations. Similar difficulties are presented in developing information regarding hauls of mail matter between the many thousands of post offices. It is possible, nevertheless, to develop reliable estimates adequate for all practical purposes.

**Historical statistics.**—Tabular headnotes (as “See also *Historical Statistics*, series P 165-167”) provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.



**No. 605.—AMERICAN TELEPHONE & TELEGRAPH CO. AND PRINCIPAL TELEPHONE SUBSIDIARIES (BELL TELEPHONE SYSTEM)—SUMMARY: 1925 TO 1954**

[As of December 31]

ITEM	1925	1930	1935	1940	1945	1950	1953	1954
Telephones.....1,000.....	11, 910	15, 187	13, 573	17, 484	22, 446	35, 343	41, 353	43, 322
Central offices, number.....	6, 147	6, 639	6, 896	7, 052	7, 374	8, 470	9, 206	9, 523
Miles of pole line.....	394, 529	428, 212	407, 454	399, 838	420, 009	502, 892	566, 065	( <sup>1</sup> )
Miles of wire.....1,000.....	44, 943	74, 124	78, 626	89, 306	99, 759	141, 781	170, 111	182, 194
In underground cable.....	27, 769	45, 116	47, 639	54, 339	60, 769	86, 963	102, 712	109, 044
In aerial cable.....	12, 835	23, 777	26, 425	30, 307	33, 966	48, 240	60, 341	65, 905
Open wire.....	4, 339	5, 231	4, 562	4, 660	5, 034	6, 578	7, 058	7, 245
Percent total wire mileage in cable.....	90. 3	92. 9	94. 2	94. 8	95. 0	95. 3	95. 9	96. 0
Average daily telephone conversations, total.....1,000.....	50, 141	64, 034	60, 290	79, 303	90, 548	140, 782	153, 693	159, 595
Local.....	48, 051	61, 150	58, 066	76, 560	85, 877	134, 870	147, 383	153, 041
Toll and long distance.....	2, 090	2, 884	2, 224	2, 743	4, 671	5, 912	6, 310	6, 554
Total plant.....\$1,000.....	2, 566, 809	4, 028, 836	4, 187, 790	4, 747, 674	5, 702, 057	10,101,522	13,059,232	14, 131, 277
Operating revenue.....\$1,000.....	737, 560	1, 075, 228	919, 116	1, 174, 322	1, 930, 889	3, 261, 528	4, 416, 730	4, 784, 500
Taxes.....\$1,000.....	58, 113	84, 732	94, 507	184, 770	399, 917	499, 451	798, 671	885, 369
Employees, number <sup>2</sup> .....	335, 858	391, 746	268, 754	323, 701	474, 527	602, 466	702, 822	685, 944
American Tel. & Tel. Co. stockholders, number.....	362, 179	567, 694	657, 465	630, 902	683, 897	985, 583	1, 265, 461	1, 307, 200

<sup>1</sup> Not available.

<sup>2</sup> Includes employees of Western Electric Co. and Bell Telephone Laboratories.

Source: American Telephone & Telegraph Co., New York, N. Y.; *Annual Report*.

**No. 606.—TELEPHONES—NUMBER AND WIRE MILEAGE IN ALL SYSTEMS, AND NUMBER OF TELEPHONES IN THE BELL SYSTEM: 1880 TO 1954**

[Number of telephones represents total number of instruments in service]

DEC. 31—	Total tele- phones <sup>1</sup>	Total miles of wire <sup>1</sup>	Telephones in Bell System <sup>2</sup>	DEC. 31—	Total tele- phones <sup>1</sup>	Total miles of wire <sup>1</sup>	Telephones in Bell System <sup>2</sup>
1880.....	47, 900	30, 000	47, 900	1934.....	16, 869, 000	86, 800, 000	16, 797, 000
1885.....	155, 800	156, 000	155, 800	1935.....	17, 424, 000	87, 200, 000	17, 354, 000
1890.....	227, 900	332, 000	227, 900	1936.....	18, 433, 000	88, 100, 000	18, 362, 000
1895.....	339, 500	722, 000	309, 502	1937.....	<sup>3</sup> 19, 453, 401	<sup>3</sup> 90, 831, 421	19, 385, 000
1900.....	1, 355, 900	2, 807, 000	855, 911	1938.....	19, 953, 000	92, 850, 000	19, 885, 000
1905.....	4, 126, 900	8, 470, 000	2, 530, 924	1939.....	20, 831, 000	95, 150, 000	20, 764, 000
1910.....	7, 635, 400	16, 937, 000	5, 882, 719	1940.....	21, 928, 000	99, 250, 000	21, 861, 000
1915.....	10, 523, 500	24, 792, 000	9, 172, 495	1941.....	23, 521, 000	105, 550, 000	23, 451, 000
1920.....	13, 329, 400	32, 000, 000	12, 601, 935	1942.....	24, 919, 000	108, 300, 000	24, 853, 000
1921.....	13, 875, 200	34, 000, 000	13, 380, 219	1943.....	26, 381, 000	108, 000, 000	26, 315, 000
1922.....	<sup>3</sup> 14, 347, 395	<sup>3</sup> 37, 265, 958	13, 915, 379	1944.....	26, 859, 000	109, 000, 000	26, 843, 000
1923.....	15, 369, 500	41, 400, 000	15, 000, 101	1945.....	27, 867, 000	110, 700, 000	27, 853, 000
1924.....	16, 072, 800	46, 500, 000	15, 822, 934	1946.....	31, 611, 000	116, 600, 000	31, 597, 000
1925.....	16, 935, 900	52, 200, 000	16, 720, 224	1947.....	34, 867, 000	125, 500, 000	34, 854, 000
1926.....	17, 746, 000	57, 960, 000	17, 574, 252	1948.....	38, 205, 000	137, 600, 000	38, 193, 000
1927.....	<sup>3</sup> 18, 522, 767	<sup>3</sup> 63, 836, 182	18, 365, 000	1949.....	40, 709, 000	147, 300, 000	40, 699, 000
1928.....	19, 341, 000	69, 130, 000	19, 197, 000	1950.....	43, 004, 000	156, 700, 000	42, 995, 000
1929.....	20, 068, 000	76, 460, 000	19, 958, 000	1951.....	45, 636, 000	165, 100, 000	45, 628, 000
1930.....	20, 201, 000	83, 110, 000	20, 098, 000	1952.....	48, 056, 000	176, 000, 000	48, 052, 000
1931.....	19, 690, 000	86, 100, 000	19, 596, 000	1953.....	50, 373, 000	188, 200, 000	50, 369, 000
1932.....	<sup>3</sup> 17, 424, 406	<sup>3</sup> 87, 677, 586	17, 341, 000	1954.....	52, 814, 000	201, 500, 000	52, 810, 000
1933.....	16, 711, 000	87, 000, 000	16, 635, 000				

<sup>1</sup> American Telephone & Telegraph Co. estimates, except as indicated.

<sup>2</sup> Bell-owned and Bell-connecting (owned by other companies).

<sup>3</sup> Bureau of the Census data.

Source: American Telephone & Telegraph Co., New York, N. Y.; *Annual Report* and records.

No. 607.—TELEPHONE SYSTEMS—SUMMARY, CLASS A CARRIERS: 1926 TO 1953

[All money figures in thousands. Includes Canada, Cuba, Hawaii, and Puerto Rico. Excludes intercompany duplications. Covers class A telephone carriers filing annual reports with F. C. C. Class A carriers are those whose annual operating revenues exceeded \$100,000 for years prior to 1951, and \$250,000 thereafter; comparability of data relatively unaffected by change in coverage. Gross operating revenues of class A carriers (excluding intercompany duplications of Bell System) reporting in 1937 represented approximately 94 percent of revenues of all telephone carriers as reported for Census of Electrical Industries for that year. Figures include data for carriers consolidated and merged for which annual data are available]

YEAR	Miles of wire (1,000)	Tele-phones (1,000)	Employ-ees, number <sup>1</sup>	Total com-pensation <sup>2</sup>	YEAR	Miles of wire (1,000)	Tele-phones (1,000)	Employ-ees, number <sup>1</sup>	Total com-pensation
1926-----	54,541	14,413	323,217	\$432,210	1944-----	102,747	23,868	364,967	\$806,599
1929-----	73,775	17,026	387,778	550,210	1945-----	104,388	24,814	398,263	936,060
1930-----	80,660	17,139	347,106	555,951	1946-----	110,029	28,308	525,175	1,305,431
1933 <sup>3</sup> -----	82,349	14,336	267,871	370,073	1947-----	117,651	31,277	556,682	1,435,609
1935-----	82,578	15,157	265,699	402,836	1948-----	129,206	34,224	585,456	1,666,587
1937 <sup>3</sup> -----	85,612	17,035	295,777	489,721	1949-----	138,367	36,416	559,718	1,754,103
1940-----	93,688	19,336	304,595	537,148	1950-----	147,380	38,525	564,964	1,797,841
1941-----	99,781	20,837	344,949	602,961	1951-----	154,810	40,426	586,809	1,975,535
1942-----	102,357	22,163	359,465	670,274	1952-----	164,776	42,404	615,141	2,200,657
1943-----	102,064	23,539	368,127	751,711	1953-----	175,929	44,363	625,832	2,378,680

YEAR	Number of carriers	Invest-ment in telephone plant	DEPRECIATION AND AMORTIZATION RESERVES		Operating revenues	Operat-ing ratio (per-cent)	Taxes	Net oper-ating in-come after all tax deductions	Net income	Divi-dends declared
			Amount	Ratio to invest-ment (percent)						
1935-----	91	\$4,471,787	\$1,106,264	24.74	\$973,043	69.65	\$99,176	\$196,107	\$150,976	\$186,963
1936-----	87	4,548,692	1,191,737	26.20	1,052,215	66.25	121,542	233,594	204,329	188,532
1937 <sup>3</sup> -----	81	4,687,695	1,268,009	27.05	1,112,644	67.27	142,386	221,821	201,301	189,502
1938-----	81	4,796,844	1,323,849	27.60	1,115,020	68.00	152,065	204,702	170,730	185,334
1939-----	78	4,904,828	1,378,177	28.10	1,172,129	66.13	163,885	233,107	205,934	185,026
1940-----	78	5,071,277	1,437,727	28.35	1,243,292	65.33	193,637	237,391	221,234	185,080
1941-----	78	5,389,337	1,525,542	28.31	1,374,776	64.40	243,454	245,912	209,916	184,481
1942-----	78	5,648,246	1,647,995	29.18	1,553,437	63.42	337,151	231,133	178,719	182,915
1943-----	75	5,745,128	1,814,573	31.58	1,742,474	63.52	393,705	241,937	194,819	182,474
1944-----	77	5,852,848	1,986,575	33.94	1,869,022	64.17	438,457	231,174	184,232	186,236
1945-----	76	6,056,982	2,166,601	35.77	2,037,079	65.89	420,628	274,193	190,645	193,206
1946-----	74	6,681,967	2,349,391	35.16	2,211,519	75.73	273,162	263,634	227,237	199,314
1947-----	73	7,786,202	2,513,296	32.28	2,355,810	80.38	260,761	201,421	170,684	203,978
1948-----	71	9,106,035	2,664,208	29.26	2,773,408	78.92	310,634	274,121	228,478	218,755
1949-----	71	9,983,486	2,795,295	28.00	3,056,485	77.47	366,640	322,099	252,214	234,251
1950-----	71	10,702,322	2,979,466	27.84	3,444,568	71.52	525,985	454,999	371,520	269,733
1951-----	56	11,546,813	3,186,344	27.60	3,817,537	70.68	659,279	460,160	377,423	303,375
1952-----	54	12,608,517	3,411,441	27.06	4,228,750	70.63	737,732	504,452	420,733	346,388
1953-----	54	13,749,883	3,618,086	26.31	4,628,118	69.64	838,053	567,192	496,507	398,972

<sup>1</sup> As of Dec. 31 prior to 1943; end of October, thereafter.    <sup>2</sup> Data for 1926 through 1930 include estimates.  
<sup>3</sup> In comparing figures in this table, consideration should be given to the minor effect of revisions of Uniform System of Accounts, effective Jan. 1, 1933, and Jan. 1, 1937, resulting in certain changes in and rearrangements of both balance sheet and income statement.    <sup>4</sup> Ratio of operating expenses to operating revenues.  
Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

No. 608.—RURAL ELECTRIFICATION ADMINISTRATION—TELEPHONE LOAN ALLOCATIONS, MILES OF POLE LINE, AND SUBSCRIBERS: 1949 TO 1954

[Cumulative beginning October 28, 1949]

YEAR ENDING DECEMBER 31—	TOTAL LOAN ALLOCATIONS <sup>1</sup>		MILES OF POLE LINE			SUBSCRIBERS PROVIDED FOR		
	Borrow-ers	Amount	Total	To be added <sup>2</sup>	Present <sup>3</sup>	Total	To be added	Present
1950-----	61	\$18,831,000	21,408	19,833	1,575	74,585	45,449	29,136
1951-----	146	54,221,500	52,604	47,391	5,213	187,972	101,062	86,910
1952-----	231	106,123,718	86,108	79,151	6,957	291,771	160,377	131,394
1953-----	240	150,939,218	104,238	96,056	8,182	343,708	186,270	157,438
1954-----	309	208,646,542	141,079	131,314	9,765	456,799	240,969	215,830

<sup>1</sup> Cumulative net loan allocations (rescissions deducted).    Includes amounts not yet under loan contract.  
<sup>2</sup> Includes miles of pole line to be constructed or rebuilt.  
<sup>3</sup> Excludes miles of pole line to be rebuilt.  
Source: Department of Agriculture, Rural Electrification Administration; *Agricultural Statistics*.



# NO. 609.—TELEPHONE SYSTEMS—SELECTED DATA OF CLASS A CARRIERS, BY STATES AND OTHER AREAS: 1953

[For year ending December 31. Class A carriers are those having annual operating revenues exceeding \$250,000]

STATE OR OTHER AREA	Miles of wire in cable	Miles of aerial wire	Central offices	NUMBER OF CALLS ORIGINATING FROM COMPANY AND SERVICE TELEPHONES <sup>1</sup>		COMPANY TELEPHONES <sup>2</sup>			State taxes <sup>3</sup>
				Local	Toll	Total	Business	Residence	
	1,000	1,000		1,000	1,000	1,000	1,000	1,000	\$1,000
<b>Grand total</b> .....	170,397	5,532	10,555	69,978,334	2,268,968	43,843	13,395	30,448	323,891
<b>States, total</b> .....	169,922	5,504	10,429	69,628,287	2,261,417	43,677	13,333	30,344	322,491
Alabama.....	1,913	126	119	1,133,800	15,299	454	119	335	2,259
Arizona.....	677	64	61	366,271	7,154	210	75	135	2,664
Arkansas.....	739	104	103	467,520	10,700	231	74	157	1,601
California.....	17,324	259	754	6,179,895	157,639	3,897	1,310	2,587	32,384
Colorado.....	1,398	126	201	842,870	14,259	499	157	342	2,543
Connecticut.....	3,933	46	140	1,210,028	79,344	917	255	662	3,285
Delaware.....	563	9	34	192,355	11,200	144	45	99	271
Dist. of Col.....	1,952	---	32	767,052	12,433	532	249	283	2,787
Florida.....	2,941	93	122	1,166,710	25,144	622	250	372	4,922
Georgia.....	2,577	178	176	1,467,180	25,803	632	189	443	4,344
Idaho.....	350	79	117	255,250	7,324	148	43	105	1,185
Illinois.....	11,287	136	392	3,693,327	188,424	2,827	964	1,863	28,208
Indiana.....	3,371	128	234	1,231,287	49,217	904	250	654	6,758
Iowa.....	1,612	162	186	917,083	25,946	543	139	404	2,522
Kansas.....	1,739	192	191	776,359	16,638	514	138	376	3,782
Kentucky.....	1,577	136	188	884,049	19,246	435	113	322	2,084
Louisiana.....	2,540	137	175	1,539,908	23,913	613	177	436	5,560
Maine.....	700	65	145	328,395	15,649	221	59	162	1,262
Maryland.....	3,323	80	176	1,063,270	37,522	806	219	587	5,541
Massachusetts.....	6,397	63	333	2,542,067	135,630	1,758	509	1,249	10,481
Michigan.....	8,247	196	493	3,698,370	80,348	2,243	594	1,649	10,072
Minnesota.....	2,679	139	213	1,463,120	31,766	774	219	555	4,974
Mississippi.....	963	130	168	590,433	15,148	260	76	184	2,998
Missouri.....	4,368	164	243	1,897,299	39,114	1,059	328	731	7,143
Montana.....	251	74	100	262,271	5,521	153	45	108	797
Nebraska.....	787	74	124	402,001	9,408	231	67	164	1,731
Nevada.....	174	32	25	48,229	2,028	34	14	20	420
New Hampshire.....	444	44	112	191,102	13,489	153	40	113	743
New Jersey.....	7,689	47	250	2,122,625	275,997	1,953	548	1,405	15,865
New Mexico.....	412	58	59	290,672	6,579	150	58	92	987
New York.....	24,280	153	871	8,240,353	274,736	6,043	2,085	3,958	67,516
North Carolina.....	2,203	172	232	1,108,627	29,008	534	158	376	5,289
North Dakota.....	172	68	142	196,193	4,931	92	28	64	837
Ohio.....	9,592	187	515	3,897,065	90,509	2,479	650	1,829	13,702
Oklahoma.....	2,120	159	210	1,058,015	25,186	564	173	391	3,821
Oregon.....	1,578	82	177	810,654	27,443	467	142	325	3,681
Pennsylvania.....	11,730	112	493	4,084,282	175,541	3,081	832	2,249	8,782
Rhode Island.....	934	10	41	402,715	14,858	265	75	190	2,107
South Carolina.....	1,069	95	82	513,513	11,850	246	75	171	2,184
South Dakota.....	246	86	143	211,022	4,872	122	34	88	747
Tennessee.....	2,561	175	221	1,742,978	23,525	713	198	515	5,460
Texas.....	9,578	461	667	4,358,444	81,645	2,066	660	1,406	16,225
Utah.....	590	51	78	484,169	7,529	227	61	166	1,027
Vermont.....	246	44	88	113,528	7,734	88	24	64	479
Virginia.....	3,188	131	210	1,219,849	34,652	737	223	514	4,227
Washington.....	2,605	161	264	1,279,854	39,840	786	227	559	7,240
West Virginia.....	1,034	61	130	616,374	19,977	370	100	270	1,531
Wisconsin.....	3,023	112	144	1,151,546	25,966	794	238	556	6,463
Wyoming.....	246	43	55	148,308	3,733	86	27	59	514
Hawaii.....	376	16	54	255,745	4,376	125	38	87	688
Puerto Rico.....	98	8	72	94,302	3,175	41	24	17	629
Canada.....	( <sup>5</sup> )	4	---	---	---	---	---	---	2
Cuba.....	1	---	---	---	---	---	---	---	81

<sup>1</sup> Partly estimated.

<sup>2</sup> Comprises main, P. B. X. (those directly connected with private branch exchanges), and extension telephones.

<sup>3</sup> Includes county, municipal and other taxing-district taxes. Excludes excise taxes collected by telephone carriers from users of telephone services.

<sup>4</sup> Includes \$486,000 not distributed by States.

<sup>5</sup> Less than 500.

Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

# No. 610.—DOMESTIC AND INTERNATIONAL TELEGRAPH CARRIERS—SUMMARY: 1930 TO 1953

[All money figures in thousands except average compensation. Figures comprise principal carriers filing annual reports with FCC]

ITEM	1930	1935	1940	1945	1950	1951	1952	1953
<b>DOMESTIC TELEGRAPH</b>								
Number of carriers.....	2	2	2	1	1	1	1	1
Investment in plant and equipment.....	\$379, 869	\$383, 216	\$375, 021	\$357, 784	\$294, 451	\$284, 293	\$286, 372	\$289, 448
Depreciation and amortization reserves.....	\$53, 095	\$42, 574	\$97, 746	\$157, 243	\$128, 227	\$123, 825	\$126, 580	\$128, 776
Capital stock <sup>1</sup> .....	\$104, 144	\$106, 282	\$109, 874	\$104, 836	\$104, 836	\$104, 836	\$12, 301	\$12, 311
Funded debt <sup>1 2</sup> .....	\$157, 602	\$175, 888	\$88, 881	\$90, 981	\$55, 922	\$51, 123	\$48, 130	\$44, 414
Total surplus <sup>1</sup> .....	\$111, 332	\$115, 986	\$114, 256	\$56, 233	\$52, 084	\$54, 670	\$144, 793	\$155, 470
Revenue messages transmitted <sup>3</sup> .....1,000....	211, 971	176, 250	191, 645	244, 629	188, 947	189, 637	159, 735	162, 188
Message revenues.....	\$131, 453	\$92, 332	\$97, 906	\$163, 415	\$152, 248	\$161, 739	\$153, 087	\$174, 650
Total operating revenues.....	\$148, 223	\$106, 262	\$114, 587	\$182, 048	\$177, 994	\$192, 089	\$184, 336	\$208, 578
Operating revenue deductions <sup>6</sup> .....	\$139, 141	\$96, 076	\$110, 856	\$174, 848	\$167, 280	\$182, 023	\$183, 395	\$193, 863
Operating ratio.....percent.....	93. 87	90. 41	96. 74	96. 04	93. 98	94. 76	99. 49	92. 95
Operating income <sup>6</sup> .....	\$8, 596	\$10, 186	\$6, 222	\$7, 200	\$8, 664	\$6, 059	\$742	\$8, 972
Net income transferred to earned surplus.....	\$3, 942	\$3, 213	\$372	\$7, 834	\$7, 353	\$4, 711	\$724	\$13, 242
Dividends declared.....	\$8, 188	\$2, 090	\$1, 045	\$2, 433	\$2, 459	\$3, 381	\$3, 689	\$3, 690
Miles of wire in cable.....1,000....	357	425	449	481	333	370	373	375
Miles of aerial wire.....1,000....	1, 912	1, 820	1, 820	1, 766	929	855	821	776
Number of employees.....	<sup>8</sup> 84, 962	<sup>9</sup> 62, 257	<sup>9</sup> 59, 670	<sup>9</sup> 63, 446	<sup>10</sup> 40, 482	<sup>10</sup> 40, 319	<sup>10</sup> 39, 853	<sup>10</sup> 38, 957
Total compensation.....	\$108, 557	\$65, 030	\$74, 736	\$126, 662	\$116, 937	\$127, 818	\$126, 974	\$139, 489
Average compensation per employee per annum.....	\$1, 278	\$1, 045	\$1, 252	\$1, 996	\$2, 889	\$3, 170	\$3, 186	\$3, 581
<b>INTERNATIONAL TELEGRAPH</b>								
Ocean-cable:								
Number of carriers.....	5	5	5	5	4	4	3	3
Investment in plant and equipment.....	\$119, 966	\$116, 329	\$111, 129	\$109, 317	\$97, 283	\$88, 498	\$89, 170	\$92, 038
Depreciation and amortization reserves.....	\$53, 930	\$61, 579	\$64, 492	\$69, 722	\$63, 911	\$55, 420	\$55, 957	\$57, 642
Capital stock <sup>1</sup> .....	\$73, 723	\$60, 723	\$45, 841	\$24, 941	\$22, 255	\$18, 255	\$18, 255	\$18, 255
Funded debt <sup>1 2</sup> .....	\$26, 050	\$21, 768						
Total surplus <sup>1</sup> .....	\$26, 876	\$9, 515	\$10, 926	\$10, 587	\$1, 212	\$2, 104	\$1, 798	\$1, 484
Revenue messages transmitted <sup>3</sup> .....1,000....	15, 258	9, 050	7, 667	10, 531	9, 969	10, 059	9, 756	10, 085
Message revenues.....	\$27, 245	\$15, 633	\$16, 733	\$25, 334	\$23, 392	\$21, 190	\$19, 956	\$21, 473
Total operating revenues.....	\$27, 811	\$16, 093	\$17, 840	\$26, 727	\$24, 649	\$27, 062	\$27, 023	\$29, 489
Operating revenue deductions <sup>6</sup> .....	\$19, 813	\$14, 948	\$16, 039	\$21, 704	\$22, 263	\$23, 829	\$24, 993	\$25, 908
Operating ratio.....percent.....	71. 24	92. 89	89. 90	81. 21	90. 32	88. 05	92. 49	87. 86
Operating income <sup>6</sup> .....	\$7, 712	\$1, 002	\$1, 434	\$4, 013	\$1, 937	\$2, 179	\$2, 033	\$2, 059
Net income transferred to earned surplus.....	\$9, 403	\$962	\$1, 573	\$5, 524	\$1, 165	\$1, 949	\$2, 078	\$913
Dividends declared.....	\$15, 416	\$2, 710	\$987	\$20	\$884	\$353		
Miles of wire in cable.....1,000....	104	109	111	107	98	89	89	89
Miles of aerial wire.....1,000....	10	7	8	9	7	7	7	7
Number of employees.....	<sup>8</sup> 6, 880	<sup>9</sup> 5, 394	<sup>9</sup> 4, 534	<sup>9</sup> 4, 962	<sup>10</sup> 5, 495	<sup>10</sup> 5, 453	<sup>10</sup> 5, 591	<sup>10</sup> 5, 678
Total compensation.....	\$9, 795	\$6, 926	\$6, 602	\$10, 982	\$12, 031	\$13, 037	\$13, 759	\$14, 038
Average compensation per employee per annum.....	\$1, 424	\$1, 284	\$1, 456	\$2, 213	\$2, 189	\$2, 391	\$2, 461	\$2, 472
Radiotelegraph:								
Number of carriers.....	7	8	8	6	7	7	7	7
Investment in plant and equipment.....	\$27, 270	\$31, 379	\$30, 886	\$28, 306	\$38, 885	\$38, 812	\$37, 931	\$39, 130
Depreciation and amortization reserves.....	\$11, 064	\$15, 034	\$16, 748	\$16, 475	\$18, 929	\$18, 509	\$16, 966	\$17, 706
Capital stock.....	\$15, 922	\$7, 554	\$7, 724	\$10, 456	\$13, 614	\$13, 182	\$13, 182	\$13, 182
Funded debt <sup>2</sup> .....	\$4, 875	\$15, 812	\$1, 227	\$1, 026	\$8, 807	\$8, 419	\$7, 663	\$6, 915
Total surplus.....	\$1, 242	\$3, 200	\$18, 600	\$14, 098	\$13, 777	\$16, 924	\$18, 801	\$20, 878
Revenue messages transmitted <sup>3</sup> .....1,000....	5, 151	6, 619	8, 952	10, 516	12, 609	13, 984	14, 124	13, 640
Message revenues.....	\$6, 358	\$8, 314	\$12, 537	\$18, 903	\$22, 239	\$25, 276	\$24, 960	\$24, 621
Total operating revenues.....	\$7, 549	\$9, 267	\$14, 247	\$23, 152	\$25, 684	\$29, 887	\$30, 583	\$30, 238
Operating revenue deductions <sup>6</sup> .....	\$7, 197	\$8, 745	\$10, 996	\$16, 201	\$22, 963	\$25, 258	\$26, 564	\$27, 309
Operating ratio.....percent.....	95. 34	94. 37	77. 18	69. 98	89. 41	84. 51	86. 86	90. 31
Operating income <sup>6</sup> .....	\$272	\$479	\$2, 259	\$771	\$1, 867	\$2, 178	\$1, 566	\$189
Net income transferred to earned surplus.....	\$372	<sup>7</sup> \$269	\$2, 025	\$2, 383	\$2, 373	\$2, 577	\$2, 315	\$2, 477
Dividends declared.....		\$1, 400	\$838	\$850	\$8	\$10	\$503	\$400
Number of employees.....	<sup>8</sup> 2, 119	<sup>9</sup> 2, 740	<sup>9</sup> 3, 549	<sup>9</sup> 4, 617	<sup>10</sup> 5, 264	<sup>10</sup> 5, 628	<sup>10</sup> 5, 949	<sup>10</sup> 6, 008
Total compensation.....	\$3, 809	\$4, 107	\$6, 207	\$14, 171	\$18, 209	\$20, 083	\$22, 296	\$23, 469
Average compensation per employee per annum.....	\$1, 798	\$1, 499	\$1, 749	\$3, 069	\$3, 459	\$3, 568	\$3, 748	\$3, 906

<sup>1</sup> Data for Western Union included in domestic telegraph; not segregable between domestic telegraph and ocean-cable operations.

<sup>2</sup> Includes long-term advances from affiliates.

<sup>3</sup> Principally as estimated by reporting carriers on basis of actual counts for test periods.

<sup>4</sup> Includes 1,023,000 press messages on an unequated basis. Equated press messages, the basis of reporting in prior years, numbered 9,110,000 in 1953.

<sup>5</sup> Includes depreciation and operating taxes.

<sup>6</sup> After recorded provision for Federal income taxes for entire company operations (including non-communication activities).

<sup>7</sup> End of June.

<sup>8</sup> End of December.

<sup>9</sup> Deficit or other reverse item.

<sup>10</sup> End of October.

Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.



No. 611.—RADIOTELEPHONE SERVICE, BY CLASS: 1952 AND 1953

[As of December 31. For 1953, covers radiotelephone service offered by 29 of the 54 class A telephone carriers; in addition, radiotelephone service with revenue amounting to \$1,136,890 is offered by 3 radiotelegraph carriers and 1 cable carrier, details for which were not reported]

CLASS OF SERVICE	1952		1953	
	Number of chargeable calls	Gross revenues	Number of chargeable calls	Gross revenues
<b>FIXED STATIONS</b>				
Message service, total.....	1,190,264	\$10,705,336	1,320,529	\$11,616,181
Overseas, total.....	919,884	10,009,905	1,052,812	10,918,450
Bermuda and trans-Atlantic.....	307,501	3,842,099	332,717	3,967,661
Central and South American and Caribbean.....	268,532	2,645,661	298,381	2,890,787
Trans-Pacific.....	343,851	3,522,145	352,502	3,687,161
Other.....			69,212	372,841
Interstate, intrastate, intraterritory and intrapossession.....	270,380	695,431	267,717	697,731
Private line service, overseas.....		215,161		163,853
<b>MOBILE STATIONS</b>				
Marine service to mobile stations.....	589,856	856,361	645,541	941,077
General service.....	446,687	782,579	501,344	858,896
Dispatching service.....	143,169	73,782	144,197	82,181
Domestic public land mobile radio services.....	2,912,216	13,786,626	3,192,351	4,444,189
General service.....	2,065,686	2,820,065	2,356,633	3,441,451
Direct dispatching service.....	794,980	891,940	787,043	928,564
Signalling or paging service.....	51,550	65,471	48,675	65,883
Other.....		9,150		8,291
Private mobile radiotelephone systems.....		2,247,266		2,734,589

<sup>1</sup> Includes monthly charges, installation and move charges.

Source: Federal Communications Commission; annual report, *Statistics of the Communications Industry in the United States*.

No. 612.—WESTERN UNION TELEGRAPH CO.—LINE AND WIRE MILEAGE, OFFICES AND FINANCES: 1867 TO 1954

YEAR ENDING—	Miles of pole line and cable <sup>1</sup>	Miles of wire <sup>1</sup>	Channel miles in carrier-equipped circuits <sup>2</sup>	Number of offices <sup>3</sup>	Receipts	Expenses	Net income <sup>4</sup>
					<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
June 30—							
1867.....	46,270	85,291		2,565	6,568,925	3,944,006	2,624,920
1870.....	54,109	112,191		3,972	7,138,738	4,910,772	2,227,966
1880.....	85,645	233,534		9,077	12,782,895	6,948,957	5,833,938
1890.....	183,917	678,997		19,382	22,387,029	15,074,304	7,312,725
1900.....	192,705	933,153		22,900	24,758,570	18,593,206	6,165,364
1910.....	214,360	1,429,049		24,825	33,889,202	26,614,302	7,274,900
Dec. 31—							
1915.....	238,940	1,610,709		25,142	52,475,721	40,972,541	11,503,180
1920.....	246,214	1,449,710		24,881	121,473,685	108,134,041	13,339,644
1925.....	246,307	1,635,236		24,428	129,151,617	112,861,832	16,289,785
1930.....	256,763	1,948,938	3,500	24,298	133,235,751	123,987,519	9,248,232
1935.....	254,691	1,905,858	3,500	20,964	91,389,312	86,131,234	5,258,078
1940.....	249,343	1,914,615	27,000	19,140	101,277,546	97,655,965	3,621,581
1945.....	276,084	2,291,164	150,000	18,687	194,271,046	189,836,541	<sup>5</sup> 4,434,505
1947.....	167,616	1,786,285	538,830	18,232	208,969,995	199,828,649	9,141,346
1948.....	158,564	1,675,558	1,358,810	17,460	193,140,107	197,427,300	<sup>5</sup> 4,887,193
1949.....	146,990	1,477,925	1,623,442	16,835	180,917,642	185,308,487	<sup>5</sup> 4,990,845
1950.....	132,274	1,337,768	1,787,686	16,202	187,820,635	180,500,859	<sup>5</sup> 7,319,776
1951.....	122,566	1,264,293	1,971,433	15,355	203,229,261	197,824,468	<sup>5</sup> 5,404,793
1952.....	120,797	1,233,473	2,090,455	14,704	196,260,721	195,157,510	<sup>5</sup> 1,103,211
1953.....	119,632	1,190,538	2,470,246	13,708	221,550,435	213,215,699	<sup>5</sup> 8,334,736
1954.....	116,291	1,166,657	2,711,312	12,835	223,287,771	213,902,785	<sup>5</sup> 9,384,989

<sup>1</sup> Pole and wire mileages reflect acquisition on Oct. 7, 1943, of facilities of Postal Telegraph Companies.

<sup>2</sup> In use chiefly on the company's trunk lines. Data on all telegraph circuits available beginning 1953 as follows: 1953—3,211,235 miles; 1954—3,439,479 miles.

<sup>3</sup> Excludes agency and commission offices, numbering 11,981 on Dec. 31, 1954.

<sup>4</sup> Figures for 1915 and prior years represent net income before bond interest.

<sup>5</sup> Net income from current operations, before extraordinary adjustments of income applicable to prior years.

<sup>6</sup> Loss.

Source: Western Union Telegraph Co., New York, N. Y.

**No. 613.—COMMERCIAL BROADCAST STATIONS AUTHORIZED AND ON THE AIR:  
1945 TO 1955**

[Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Represents later data than shown in table 615]

YEAR (as of January 1)	TOTAL		AM RADIO		FM RADIO		TELEVISION	
	Author- ized	On the air	Author- ized	On the air	Author- ized	On the air	Author- ized	On the air
1945-----	969	936	908	884	52	46	9	6
1946-----	1,236	967	969	913	258	48	9	6
1947-----	2,221	1,174	1,485	1,027	684	140	52	7
1948-----	3,010	1,977	1,927	1,586	1,010	374	73	17
1949-----	3,182	2,627	2,092	1,877	966	700	124	50
1950-----	3,098	2,881	2,199	2,051	788	733	111	97
1951-----	3,129	2,981	2,317	2,198	703	676	109	107
1952-----	3,132	3,042	2,374	2,297	650	637	108	108
1953-----	3,393	3,102	2,490	2,357	630	616	273	129
1954-----	3,749	3,403	2,602	2,487	580	560	567	356
1955-----	3,909	3,660	2,774	2,669	559	552	576	439

Source: Federal Communications Commission.

**No. 614.—BROADCAST STATIONS AUTHORIZED AND OPERATORS LICENSED, BY CLASS:  
1952 TO 1954**

[As of June 30. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands]

CLASS OF STATION OR OPERATOR	1952	1953	1954	CLASS OF STATION OR OPERATOR	1952	1953	1954
<b>Safety and special radio authorization...</b>	98,393	117,337	132,262	<b>Land transportation—Con.</b>			
Aeronautical-----	32,603	39,315	40,154	Taxicab-----	3,639	4,018	4,361
Aircraft-----	29,963	30,515	28,392	Highway truck-----	341	580	832
Ground-----	2,640	8,800	11,762	Automobile emergency-----	146	227	305
Marine-----	35,500	40,357	46,299	Experimental-----	369	444	586
Ship-----	32,229	36,889	42,618	Disaster communications-----	71	191	283
Ship radar-----	1,958	2,282	2,420	RACES <sup>1</sup> -----		99	754
Coast-----	107	196	210	<b>Broadcast stations<sup>2</sup>-----</b>	4,762	5,474	5,881
Alaskan coastal-----	379	368	401	Standard (AM)-----	2,420	2,584	2,697
Alaskan fixed public-----	568	516	562	Frequency modulation (FM)-----	648	601	569
Other-----	259	106	88	Television (TV)-----	108	483	573
Public safety-----	11,143	13,631	15,697	Noncommercial educational (TV)-----		17	30
Police-----	7,008	8,005	8,728	Television (experimental and auxiliary)-----	221	276	415
Fire-----	764	1,134	1,627	Noncommercial educational (FM)-----	104	116	123
Forestry—Conservation-----	2,070	2,425	2,686	International-----	40	44	43
Highway maintenance-----	555	877	1,088	Remote pickup-----	1,175	1,305	1,384
Special emergency-----	670	1,072	1,429	Studio transmitter (ST)-----	44	47	45
State Guard-----	76	118	139	Developmental-----	2	1	2
Industrial-----	13,680	17,378	21,598	<b>Radio operators and amateur stations-----</b>	904,597	954,305	1,092,964
Power-----	6,065	6,809	7,562	Commercial operators-----	561,572	634,166	764,089
Petroleum-----	3,787	4,540	5,505	Aircraft radiotelephone op- erators-----	117,564	95,970	377,999
Forest products-----	685	877	1,034	Amateur operators-----	110,968	108,951	120,535
Special industrial-----	2,760	4,563	6,587	Amateur stations-----	113,092	111,389	123,287
Low-power industrial-----	259	419	673	Citizens stations-----	1,401	3,829	7,054
Relay press-----	51	54	68				
Motion picture-----	23	23	32				
Other-----	50	93	137				
Land transportation-----	5,027	5,922	6,891				
Railroad-----	757	928	1,219				
Urban transit-----	110	101	98				
Inter-city bus-----	34	68	76				

<sup>1</sup> Radio Amateur Civil Emergency Service, established Aug. 15, 1952.

<sup>2</sup> Stations licensed or holding construction permits.

<sup>3</sup> Issuance of radiotelephone licenses discontinued Feb. 1, 1954.

Source: Federal Communications Commission; *Annual Report*.



# No. 615.—COMMERCIAL BROADCAST STATIONS ON THE AIR, BY STATES AND OTHER AREAS: 1953 AND 1955

[As of January 1. Stations licensed or holding construction permits]

STATE OR OTHER AREA	1953				1955			
	Total	AM	FM	TV	Total	AM	FM	TV
<b>Total</b> .....	<b>3,125</b>	<b>2,367</b>	<b>629</b>	<b>129</b>	<b>3,613</b>	<b>2,680</b>	<b>523</b>	<b>410</b>
Alabama.....	101	79	18	4	115	93	16	6
Arizona.....	30	27	1	2	39	30	2	7
Arkansas.....	50	44	6	—	60	51	6	3
California.....	191	140	40	11	212	149	37	26
Colorado.....	38	32	3	3	48	37	3	8
Connecticut.....	34	25	8	1	36	26	5	5
Delaware.....	9	6	2	1	9	7	1	1
District of Columbia.....	20	7	9	4	20	7	9	4
Florida.....	102	79	21	2	123	95	19	14
Georgia.....	105	80	22	3	118	89	16	13
Idaho.....	26	23	3	—	31	25	3	3
Illinois.....	124	78	41	5	134	89	28	17
Indiana.....	71	46	22	3	79	51	17	11
Iowa.....	67	49	16	2	77	56	10	11
Kansas.....	39	37	2	—	50	43	1	6
Kentucky.....	57	45	10	2	71	57	11	3
Louisiana.....	58	45	12	1	78	58	12	8
Maine.....	17	15	2	—	23	16	1	6
Maryland.....	36	23	10	3	39	28	7	4
Massachusetts.....	75	51	22	2	75	52	16	7
Michigan.....	96	67	23	6	103	75	16	12
Minnesota.....	57	48	7	2	64	52	6	6
Mississippi.....	49	45	4	—	61	54	3	4
Missouri.....	66	53	11	2	86	66	7	13
Montana.....	25	25	—	—	30	26	—	4
Nebraska.....	26	23	1	2	31	27	—	4
Nevada.....	11	10	1	—	14	10	2	2
New Hampshire.....	15	12	3	—	17	12	4	1
New Jersey.....	32	19	11	2	29	21	6	2
New Mexico.....	28	27	—	1	34	30	—	4
New York.....	156	98	45	13	166	104	41	21
North Carolina.....	141	99	40	2	162	117	34	11
North Dakota.....	13	13	—	—	19	15	—	4
Ohio.....	129	74	41	14	132	80	33	19
Oklahoma.....	52	45	5	2	63	51	2	10
Oregon.....	55	46	8	1	64	53	7	4
Pennsylvania.....	171	113	49	9	196	125	44	27
Rhode Island.....	16	11	4	1	17	12	3	2
South Carolina.....	59	46	13	—	81	55	17	9
South Dakota.....	14	13	1	—	15	14	—	1
Tennessee.....	72	61	9	2	100	79	12	9
Texas.....	221	187	24	10	247	202	16	29
Utah.....	22	18	2	2	24	19	2	3
Vermont.....	10	10	—	—	14	13	—	1
Virginia.....	82	59	20	3	93	68	18	7
Washington.....	62	53	7	2	75	60	5	10
West Virginia.....	55	39	15	1	61	43	11	7
Wisconsin.....	77	61	15	1	95	69	13	13
Wyoming.....	14	14	—	—	17	16	—	1
Alaska.....	10	10	—	—	14	12	—	2
Hawaii.....	14	12	—	2	17	13	1	3
Puerto Rico.....	23	23	—	—	28	26	—	2
Virgin Islands.....	2	2	—	—	2	2	—	—

Source: Federal Communications Commission.

# No. 616.—TOTAL BROADCAST REVENUES OF ALL NETWORKS AND STATIONS, AM AND AM-FM, FM AND TV: 1937 TO 1953

[Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Total broadcast revenues are defined as total time sales of all networks and stations, less commissions to agencies and plus incidental revenues, such as sale of talent, program material, etc.]

YEAR	TOTAL		AM AND AM-FM <sup>1</sup>		FM (INDEPENDENTS)		TV <sup>2</sup>	
	Number of stations	Revenues (\$1,000)	Number of stations	Revenues (\$1,000)	Number of stations	Revenues (\$1,000)	Number of stations	Revenues (\$1,000)
1937-----	629	114, 223	629	114, 223				
1938-----	660	111, 358	660	111, 358				
1939-----	705	123, 882	705	123, 882				
1940-----	765	147, 147	765	147, 147				
1941-----	825	168, 785	817	168, 779	2		6	6
1942-----	862	178, 894	851	178, 839	5	13	6	42
1943-----	852	215, 428	841	215, 318	5	26	6	84
1944-----	885	275, 550	875	275, 299	4	32	6	219
1945-----	912	299, 715	901	299, 338	5	39	6	338
1946-----	1, 043	323, 228	1, 025	322, 553	8	17	10	658
1947-----	1, 531	366, 032	1, 464	363, 714	52	422	15	1, 896
1948-----	1, 974	416, 867	1, 824	406, 995	103	1, 251	47	8, 621
1949-----	2, 223	449, 544	2, 021	413, 785	104	1, 429	98	34, 330
1950-----	2, 336	550, 400	2, 143	443, 100	86	1, 400	107	105, 900
1951-----	2, 374	686, 100	2, 200	449, 200	66	1, 200	108	235, 700
1952-----	2, 502	793, 915	2, 324	468, 592	56	1, 100	122	324, 223
1953-----	2, 813	908, 025	2, 434	474, 585	45	800	334	432, 640

<sup>1</sup> Includes revenues of 4 nationwide networks and regional networks.

<sup>2</sup> Includes revenues of 4 TV networks beginning in 1948 when commercial TV network operation started.

Source: Federal Communications Commission.

# No. 617.—COMPARATIVE FINANCIAL DATA FOR RADIO BROADCAST INDUSTRY: 1948 TO 1953

[Money figures in thousands of dollars. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands]

ITEM	1948	1949	1950	1951	1952	1953
Number of networks-----	7	7	7	7	7	7
Number of stations-----	1, 824	2, 021	2, 143	2, 200	2, 324	2, 434
Broadcast revenues, total-----	406, 995	413, 785	443, 058	449, 226	468, 592	474, 585
7 networks (including owned and operated stations)-----	109, 032	108, 080	110, 478	104, 029	100, 620	97, 333
Other stations-----	297, 964	305, 705	332, 579	345, 197	367, 972	377, 252
Broadcast expenses of networks and stations-----	342, 904	357, 522	372, 314	389, 975	407, 516	418, 789
7 networks (including owned and operated stations)-----	90, 947	90, 606	91, 494	93, 934	89, 397	86, 922
Other stations-----	251, 957	266, 916	280, 820	296, 041	318, 119	331, 867
Broadcast income before Federal income tax-----	64, 092	56, 263	70, 743	59, 251	61, 076	55, 796
7 networks (including owned and operated stations)-----	18, 085	17, 474	18, 984	10, 095	11, 223	10, 411
Other stations-----	46, 006	38, 789	51, 759	49, 156	49, 853	45, 385
BROADCAST REVENUES						
Revenues from time sales, net-----	366, 428	375, 050	401, 089	404, 551	420, 505	426, 010
Commissions to regularly established agencies, representatives, brokers and others-----	50, 292	50, 307	52, 476	51, 561	52, 646	51, 196
Revenues from time sales, total-----	416, 720	425, 357	453, 565	456, 112	473, 151	477, 206
Revenues from network time sales, net-----	141, 052	134, 898	131, 530	122, 034	109, 862	98, 057
Payments to foreign stations and elimination of miscellaneous duplications-----	3, 896	1, 863	1, 411	431	1, 452	
Network time sales to:						
Nationwide networks-----	137, 619	130, 766	126, 044	113, 984	102, 076	92, 865
Regional networks-----	4, 868	3, 854	3, 962	4, 664	4, 413	4, 235
Miscellaneous networks and stations-----	2, 462	2, 141	2, 935	3, 817	2, 921	957
Revenues from non-network time sales to:						
National and regional advertisers and sponsors-----	104, 760	108, 315	118, 824	119, 559	123, 658	129, 605
Local advertisers and sponsors-----	170, 908	182, 144	203, 211	214, 519	239, 631	249, 544
Revenues from incidental broadcast activities, total-----	40, 567	38, 735	41, 968	44, 675	48, 087	48, 575
Talent-----	22, 196	21, 998	25, 202	26, 889	33, 418	33, 616
Sundry broadcast revenues-----	18, 371	16, 737	16, 766	17, 786	14, 669	14, 959

<sup>1</sup> Reverse item.

Source: Federal Communications Commission; annual release, *Final AM and FM Financial Data*.



# No. 618.—COMPARATIVE FINANCIAL DATA FOR TELEVISION BROADCAST INDUSTRY: 1949 TO 1953

[Money figures in millions of dollars. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands]

ITEM	1949	1950	1951	1952	1953
Number of networks.....	4	4	4	4	4
Number of stations.....	98	107	108	122	1 260
Broadcast revenues, total.....	34.3	105.9	235.7	324.2	431.8
4 networks (including owned and operated stations).....	19.3	55.5	128.4	180.2	231.7
Other stations.....	15.0	50.4	107.3	144.0	200.1
Broadcast expenses of networks and stations.....	59.6	115.1	194.1	268.7	360.5
4 networks (including owned and operated stations).....	31.4	65.5	117.4	170.3	213.7
Other stations.....	28.2	49.6	76.7	98.4	146.8
Broadcast income before Federal income tax.....	<sup>2</sup> 25.3	<sup>2</sup> 9.2	41.6	55.5	71.3
4 networks (including owned and operated stations).....	<sup>2</sup> 12.1	<sup>2</sup> 10.0	11.0	9.9	18.0
Other stations.....	<sup>2</sup> 13.2	.8	30.6	45.6	53.3
BROADCAST REVENUES					
Revenues from time sales, net.....	23.4	76.3	175.3	236.6	322.2
Commissions to regularly established agencies, representatives, brokers and others.....	4.1	14.3	33.3	46.5	62.5
Revenues from time sales, total.....	27.5	90.6	208.6	283.1	384.7
Revenues from network time sales, net.....	19.8	35.2	97.6	137.7	171.9
Revenues from non-network time sales to:					
National and regional advertisers and sponsors.....	7.3	25.0	59.7	80.2	124.3
Local advertisers and sponsors.....	9.4	30.4	51.3	65.2	88.5
Revenues from incidental broadcast activities, total.....	10.9	29.6	60.4	87.7	109.6
Talent.....	6.0	15.2	33.0	56.2	70.6
Sundry broadcast revenues.....	4.9	14.4	27.4	31.5	39.0

<sup>1</sup> Excludes 74 stations reporting less than \$25,000 in time sales. Such stations accounted for less than 1 percent of the total industry revenues.

<sup>2</sup> Loss.

Source: Federal Communications Commission; annual release, *Final TV Broadcast Financial Data*.

## No. 619.—POSTAL SERVICE EXPENDITURES, BY OBJECT: 1951 TO 1954

[In thousands of dollars. For years ending June 30. Data cover expenditures during specified year and include unliquidated obligations, whether on account of that year or of previous years. See text, p. 508]

OBJECT	1951	1952	1953	1954
<b>Total expenditures</b> .....	<b>2,333,138</b>	<b>2,679,818</b>	<b>2,760,011</b>	<b>2,676,914</b>
Postal operations.....		2,093,102	2,166,379	2,179,613
Salaries and travel of postmasters and assistants.....	129,342	143,529	153,993	1 242,149
Salaries and travel of clerks, etc.....	730,175	869,071	905,170	802,033
City delivery service.....	395,708	466,000	483,884	506,223
Rural delivery service.....	168,982	188,911	192,430	191,772
Postal transportation service.....	146,087	170,626	180,960	178,723
All other.....		249,964	249,941	258,713
Transportation of mails.....		557,958	565,293	466,535
Railroad and electric car.....	322,590	358,989	344,569	317,793
Star route.....		38,262	41,231	40,709
Short haul truck.....		3,150	6,139	7,872
Powerboat.....		2,930	2,823	2,833
Highway post offices.....		1,863	2,644	2,849
Domestic air mail.....	67,946	67,844	72,634	46,590
Foreign air mail.....	58,961	57,582	63,264	30,736
Other foreign mail <sup>2</sup> .....		27,262	31,990	17,153
Other <sup>3</sup> .....		75		
Miscellaneous.....		5,931	6,381	6,576
General administration and overhead apportioned.....		22,827	21,958	24,190

<sup>1</sup> Includes supervisors, formerly included with clerks.

<sup>2</sup> Includes terminal and transportation charges by foreign countries.

<sup>3</sup> Includes rental of truck terminal facilities.

Source: Post Office Department; *Cost Ascertainment Report*.

## No. 620.—UNITED STATES POSTAL SERVICE—SUMMARY: 1800 TO 1954

[See text, p. 508. For financial data, see also *Historical Statistics*, series P 165-167]

YEAR ENDING JUNE 30—	Number of post offices	FINANCES			Revenue per capita	MONEY ORDERS ISSUED		Sales of postage stamps and other stamp- ed paper	Postage paid under permit (1st, 2d, 3d, and 4th class)	Number of pieces of mail hand- led <sup>4</sup>
		Gross revenue	Gross expend- iture	Sur- plus (+) or def- icit (-) <sup>1</sup>		Domes- tic <sup>2</sup>	Inter- na- tional <sup>3</sup>			
		\$1,000	\$1,000	\$1,000	Dollars	\$1,000	\$1,000	\$1,000	\$1,000	Millions
1800.....	903	281	214	+67						
1810.....	2,300	552	496	+56						
1820.....	4,500	1,112	1,161	-49						
1830.....	8,450	1,851	1,933	-82						
1840.....	13,468	4,544	4,718	-175	0.27					
1850.....	18,417	5,500	5,213	+287	.24					124
1860.....	28,498	8,518	19,171	-10,653	.27					
1865.....	20,550	14,556	13,695	+917	.42	1,360				
1870.....	28,492	18,880	23,999	-5,098	.49	34,054	22			
1875.....	35,547	26,791	33,611	-6,820	.61	77,431	1,965			
1880.....	42,989	33,315	36,543	-3,222	.66	100,353	3,464			
1885.....	51,252	42,561	50,046	-7,481	.76	117,859	6,840			
1890.....	62,401	60,882	66,260	-5,401	.97	114,363	13,230			
1895.....	70,064	76,983	87,180	-10,230	1.12	156,709	12,906			4,005
1900.....	76,688	102,355	107,740	-5,410	1.34	238,921	16,749	94,014		5,134
1905.....	68,131	152,827	167,399	-14,594	1.82	401,916	42,503	139,617	850	7,130
1910.....	59,580	224,129	229,977	-5,881	2.43	558,178	89,558	202,065	4,418	10,188
1915.....	56,380	287,248	298,546	-11,333	2.85	665,249	51,662	256,037	7,527	14,850
1920.....	52,641	437,150	454,323	-17,270	4.11	1,342,268	23,392	379,587	12,960	
1925.....	50,957	599,591	639,282	-39,745	5.28	1,549,487	35,730	507,572	39,302	25,835
1930.....	49,063	705,484	803,667	-98,216	5.75	1,735,496	51,788	574,851	73,545	27,888
1935.....	45,686	630,795	696,503	-65,808	4.94	1,829,137	22,336	473,407	96,206	22,332
1940.....	44,024	766,949	807,629	-40,784	5.84	2,103,092	13,120	521,753	176,503	27,749
1944.....	42,161	1,112,877	1,068,987	+43,892	8.06	4,583,962	17,592	787,836	223,220	34,931
1945.....	41,792	1,314,240	1,145,002	+169,139	9.41	4,827,330	21,107	953,770	252,318	37,912
1946.....	41,751	1,224,572	1,353,650	-129,082	8.69	4,765,945	20,859	843,417	283,011	36,318
1947.....	41,760	1,299,141	1,504,805	-205,658	9.02	4,221,525	19,619	801,437	364,903	37,428
1948.....	41,695	1,410,971	1,687,759	-276,834	9.62	4,588,948	17,260	820,904	463,509	40,280
1949.....	41,607	1,571,851	2,149,297	-577,471	10.53	4,874,331	14,374	856,266	582,596	43,555
1950.....	41,464	1,677,487	2,222,906	-545,462	11.05	4,641,242	15,760	862,313	675,317	45,064
1951.....	41,193	1,776,816	2,341,382	-564,583	11.51	5,236,131	20,334	883,357	740,525	46,908
1952.....	40,919	1,947,316	2,666,844	-719,544	12.40	5,945,587	26,662	948,430	836,310	49,906
1953.....	40,609	2,091,714	2,742,035	-650,412	13.24	6,033,322	30,330	985,172	931,147	50,948
1954.....	39,405	2,268,517	2,667,566	-399,147	14.12	6,047,737	33,234	998,965	1,653,207	52,213

<sup>1</sup> Audited postal surplus or deficit which is greater or less than excess of receipts or expenditures by the amount of adjusted losses and contingencies. <sup>2</sup> First issued Nov. 1, 1864. <sup>3</sup> First issued Sept. 1, 1869.

<sup>4</sup> Continental United States only. Data for years prior to 1926 are estimates. <sup>5</sup> 1847 data.

Source: Post Office Department; *Annual Report of the Postmaster General*, and *Cost Ascertainment Report*.

## No. 621.—POSTAL SERVICE REVENUES, BY SOURCE: 1920 TO 1954

[In thousands of dollars. For years ending June 30. See text, p. 508]

ITEM	1920	1925	1930	1935	1940	1945	1950	1953	1954
<b>Total</b> .....	437,150	599,591	705,484	630,795	766,949	1,314,240	1,677,487	2,091,714	2,268,517
Ordinary postal revenue.....	424,406	585,333	686,426	598,358	732,137	1,246,777	1,605,940	2,004,328	2,184,630
Stamps, postal cards, etc.....	379,587	507,572	574,851	473,407	521,753	953,770	862,313	985,172	998,965
Second-class postage paid in money (pound rates).....	25,100	29,619	28,584	18,431	23,033	25,286	40,261	53,193	58,769
Other postage paid in money under permit.....	12,960	39,301	73,545	96,206	176,503	252,318	678,042	933,665	1,055,995
Box rents.....	6,145	7,817	8,539	6,596	7,931	11,033	14,407	16,491	24,104
Miscellaneous.....	614	1,024	907	3,718	2,917	4,371	10,917	15,807	46,797
Money-order revenues.....	10,314	12,909	17,496	20,424	23,995	46,671	63,416	71,918	68,774
Interest and profit, Postal Savings System.....	2,430	1,349	1,562	12,013	10,817	20,792	8,131	15,468	15,113

<sup>1</sup> Beginning 1950, includes fees; previously included with miscellaneous.

Source: Post Office Department, *Annual Report of the Postmaster General*.



No. 622.—DELIVERY SERVICE—CITY AND VILLAGE, RURAL, AND SPECIAL: 1870 TO 1954

YEAR, AS OF JUNE 30—	CITY AND VILLAGE DELIVERY			RURAL DELIVERY				SPECIAL DELIVERY	
	Number of offices	Number of regular carriers	Annual cost <sup>1</sup>	Number of routes	Length of routes	Annual travel	Annual cost	Number of specials	Cost of service <sup>2</sup>
					Miles	1,000 miles	\$1,000	1,000	\$1,000
1870.....	<sup>3</sup> 51	<sup>3</sup> 1,362	<sup>3</sup> 1,231						
1880.....	<sup>3</sup> 104	<sup>3</sup> 2,628	<sup>3</sup> 2,364						
1890.....	<sup>3</sup> 454	<sup>3</sup> 9,066	<sup>3</sup> 7,978						
1895.....	<sup>3</sup> 604	<sup>3</sup> 12,714	<sup>3</sup> 12,145					1,614	
1900.....	<sup>3</sup> 796	<sup>3</sup> 15,322	<sup>3</sup> 14,671	1,259	28,685		420	3,081	
1905.....	<sup>3</sup> 1,144	<sup>3</sup> 21,778	<sup>3</sup> 20,923	32,110	721,237		20,865	5,192	
1910.....	<sup>3</sup> 1,492	<sup>3</sup> 28,715	<sup>3</sup> 31,738	41,079	993,068	303,007	36,915	10,594	
1915.....	1,941	33,082	42,668	43,866	1,076,235	325,305	52,566	15,440	
1920.....	2,729	37,085	63,626	43,445	1,151,832	348,627	75,795	23,486	
1925.....	3,218	47,405	95,161	45,189	1,227,654	370,273	95,131	68,818	
1930.....	3,813	54,705	127,890	43,278	1,334,842	404,738	106,338	101,770	12,058
1935.....	3,929	50,038	113,153	34,848	1,355,078	411,361	90,425	70,104	8,333
1936.....	3,938	54,811	128,032	34,118	1,368,083	415,433	92,437	78,004	9,507
1937.....	3,963	55,860	135,549	33,601	1,377,088	418,248	91,799	87,225	10,383
1938.....	3,985	56,607	138,101	33,144	1,387,445	420,107	91,196	89,064	10,617
1939.....	3,999	57,507	141,089	32,839	1,392,657	421,854	91,170	91,557	11,032
1940.....	4,020	59,407	145,355	32,646	1,401,690	424,704	91,441	96,381	11,488
1941.....	4,030	61,958	151,327	32,445	1,411,573	427,756	91,502	103,538	12,292
1942.....	4,057	63,746	157,703	32,292	1,420,971	430,728	91,636	115,685	13,450
1943.....	4,088	59,246	172,360	32,179	1,425,860	432,281	96,513	135,511	(4)
1944.....	4,097	58,344	185,367	32,112	1,428,475	433,120	104,691	133,340	<sup>5</sup> 17,476
1945.....	4,124	58,181	191,182	32,106	1,435,059	435,209	106,853	120,579	<sup>5</sup> 16,521
1946.....	4,194	65,855	245,756	32,161	1,441,538	437,248	117,403	102,222	25,497
1947.....	4,276	67,814	287,338	32,249	1,449,767	439,750	128,582	103,597	28,876
1948.....	4,369	78,198	308,727	32,412	1,465,198	444,424	131,119	116,835	29,538
1949.....	4,508	86,427	393,208	32,559	1,480,710	449,361	152,704	120,176	32,063
1950.....	4,667	90,216	406,018	32,619	1,493,365	453,260	159,387	115,044	32,464
1951.....	4,707	84,944	397,455	32,513	1,486,775	451,250	168,856	124,594	34,066
1952.....	4,786	85,864	464,404	32,546	1,499,910	455,345	188,785	122,634	40,511
1953.....	4,851	87,537	483,380	32,542	1,512,689	459,307	192,066	114,158	34,193
1954.....	4,948	89,680	485,213	32,370	1,527,289	463,909	183,507	106,285	34,917

<sup>1</sup> Represents audited expenditures.

<sup>2</sup> Fees paid special messengers plus apportionment of other expenditures.

<sup>3</sup> City delivery service.

<sup>4</sup> Cost ascertainment work not conducted for 1943.

<sup>5</sup> Temporary increase of 15 percent in fees paid to special-delivery messengers.

Source: Post Office Department; *Annual Report of the Postmaster General and Cost Ascertainment Report*.

No. 623.—POST OFFICE EMPLOYEES ON ROLLS, BY TYPE: 1930 TO 1954

[As of June 30]

TYPE	1930	1935	1940	1945 <sup>1</sup>	1950 <sup>1</sup>	1953 <sup>1</sup>	1954 <sup>1</sup>
<b>Total.....</b>	<sup>2</sup> 339,542	<sup>3</sup> 308,802	<sup>4</sup> 353,156	<sup>4</sup> 435,955	<sup>4</sup> 500,578	<sup>4</sup> 506,520	<sup>4</sup> 507,135
Full time.....	254,563	236,472	266,076	278,442	363,774	360,819	360,863
Departmental (bureaus and offices) <sup>5</sup>	1,476	1,287	1,431	1,526	1,775	2,701	2,893
Postmasters.....	49,066	45,350	44,093	41,792	41,464	40,609	39,405
Assistant postmasters.....	2,781	2,553	2,701	3,420	3,540	3,782	3,782
Clerks, supervisors, watchmen, messengers, mail handlers, 1st- and 2d-class post offices.....	76,905	69,358	82,910	93,941	141,092	140,780	141,211
City delivery.....	53,762	49,084	58,531	57,993	90,189	<sup>6</sup> 87,537	89,671
Rural delivery.....	43,178	34,763	32,570	32,031	32,553	32,485	32,316
Postal transportation.....	20,574	18,527	20,087	20,546	27,126	29,642	29,312
Custodial service.....		9,293	17,328	18,606	15,743	13,589	13,143
All other.....	6,821	6,257	6,425	8,587	10,292	9,694	9,130
Part time (field).....	84,979	72,330	<sup>7</sup> 87,080	157,513	136,804	145,701	146,272

<sup>1</sup> Includes classified and war-service regular employees of all activities.

<sup>2</sup> 48-hour workweek for full-time field employees.

<sup>3</sup> 44-hour workweek for full-time field employees.

<sup>4</sup> 40-hour workweek for full-time field employees.

<sup>5</sup> As of final pay period for fiscal years 1930 to 1950; as of June 30 beginning with fiscal year 1953.

<sup>6</sup> Includes village delivery carriers; for other years included with "All other."

<sup>7</sup> Law enacted granting annual and sick leave with pay to substitutes.

Source: Post Office Department; *Annual Report of the Postmaster General*.

No. 624.—COMPARISON OF POSTAL REVENUES AND EXPENDITURES, BY CLASS OF MAIL AND TYPE OF SERVICE: 1953 AND 1954

[In thousands of dollars. For years ending June 30]

MAIL AND SERVICE	1953			1954		
	Revenues	Appor- tioned expendi- tures	Excess of reve- nues (+) or ex- pendi- tures (-)	Revenues	Appor- tioned expendi- tures	Excess of reve- nues (+) or ex- pendi- tures (-)
Total postal operations.....	2,091,714	2,754,706	-662,992	2,268,517	2,667,663	-399,146
Nonpostal reimbursements and money order items.....	5,305	5,305	-----	9,250	9,250	-----
All operations.....	2,097,019	2,760,011	-662,992	2,277,767	2,676,914	-399,147
Revenue producing mails and services.....	2,092,350	2,672,119	-579,769	2,240,096	2,591,384	-351,288
1st class <sup>1</sup> .....	908,521	826,071	+82,450	908,398	845,070	+63,328
Domestic air mail <sup>2</sup> .....	121,270	163,312	-42,042	133,449	129,851	+3,598
2d class paid.....	57,896	288,374	-230,478	61,655	280,009	-218,354
3d class.....	217,553	376,122	-158,569	252,351	399,538	-147,187
4th class.....	491,462	642,959	-151,497	587,417	610,708	-23,291
Publications.....	3,125	3,635	-509	4,143	5,194	-1,051
Foreign mail.....	74,456	127,887	-53,431	81,462	86,739	-5,277
Registry, paid.....	36,478	42,766	-6,288	36,141	41,201	-5,060
Insurance.....	23,234	26,711	-3,477	23,382	24,947	-1,565
Collect-on-delivery.....	21,096	26,853	-5,757	18,357	23,472	-5,115
Special delivery.....	29,909	34,193	-4,284	27,626	34,917	-7,291
Money order.....	69,440	95,082	-25,642	69,419	92,461	-23,042
Postal savings.....	15,468	8,588	+6,880	15,113	7,829	+7,284
Unassignable.....	22,189	9,315	+12,874	21,183	9,448	+11,735
Credit revenues.....	252	252	-----	-----	-----	-----
Nonrevenue producing services.....	-----	70,325	-70,325	35,065	70,499	-35,434
Free-in-county (2d class).....	-----	13,792	-13,792	-----	13,894	-13,894
Penalty.....	-----	43,179	-43,179	33,887	44,116	-10,229
Franked.....	-----	1,413	-1,413	1,178	1,727	-549
Free for blind.....	-----	651	-651	-----	694	-694
Registry, free.....	-----	11,290	-11,290	-----	10,068	-10,068
Nonpostal services.....	4,669	17,566	-12,897	2,606	15,031	-12,425
Alien address reporting.....	177	177	-----	179	179	-----
United States savings bonds and stamps.....	4,080	4,775	-695	1,920	3,318	-1,398
Civil service.....	-----	2,554	-2,554	-----	1,979	-1,979
Documentary stamps.....	-----	288	-288	-----	223	-223
Migratory bird stamps.....	31	170	-139	154	138	+16
Custodial services—public buildings.....	382	9,602	-9,220	349	9,073	-8,724
FCC—Health service.....	-----	-----	-----	4	4	-----
Official-mail-messenger service.....	-----	-----	-----	-----	117	-117

<sup>1</sup> Includes free letter mail from members of Armed Forces.

<sup>2</sup> Includes paid air mail to and from Armed Forces overseas, and outlying possessions of United States; also free air mail from members of Armed Forces.

Source: Post Office Department; *Cost Ascertainment Report*.

No. 625.—PER CAPITA POSTAGE PAID AND PIECES OF MAIL RECEIVED:  
1942 TO 1954

[For years ending June 30]

ITEM	1942	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
Postage paid per capita.....dollars..	5.57	7.83	7.09	7.33	7.85	8.79	9.36	9.78	10.51	11.21	12.12
Domestic mail received per capita											
pieces.....	211	257	241	246	263	280	284	292	303	305	310
Letters (1st class and air mail) do.....	130	166	149	149	156	162	167	173	177	180	177
2d class.....do.....	34	42	42	43	43	47	41	42	44	42	40
3d class.....do.....	41	41	43	47	56	63	68	69	74	75	86
Parcels.....do.....	6	8	7	7	8	8	8	8	8	8	7

Source: Post Office Department; *Cost Ascertainment Report*.



No. 626.—POST OFFICE OPERATIONS—VOLUME OF MAIL, BY CLASSES, AND SPECIAL SERVICE TRANSACTIONS: 1948 TO 1954

[For years ending June 30]

CLASS OF MAIL OR SERVICE	1948	1949	1950	1951	1952	1953	1954
PIECES OF MAIL (1,000)							
All mail.....	40,280,374	43,555,108	45,063,737	46,908,410	49,905,875	50,948,156	52,213,170
Domestic mail.....	39,871,089	43,139,152	44,646,425	46,479,529	49,456,660	50,462,659	51,710,836
1st class.....	21,948,172	23,205,535	24,500,072	25,577,710	26,502,325	27,256,993	27,085,308
Air mail.....	796,448	856,419	853,183	1,094,335	1,390,730	1,429,680	1,470,337
2d class.....	6,344,338	6,987,259	6,264,838	6,519,623	6,956,426	6,762,475	6,483,489
3d class.....	8,188,350	9,389,231	10,342,921	10,533,785	11,630,346	12,003,642	13,865,589
4th class.....	1,142,964	1,209,417	1,179,415	1,235,450	1,256,866	1,244,505	1,195,055
Publications <sup>1</sup> .....						56,145	70,932
Penalty.....	1,419,184	1,468,972	1,471,750	1,479,173	1,681,355	1,657,701	1,492,296
Franked.....	29,663	20,046	31,866	36,903	36,019	48,668	45,074
Free for blind.....	1,970	2,273	2,381	2,550	2,594	2,650	2,756
Foreign mail.....	409,285	415,955	417,312	428,881	449,215	485,497	502,334
Regular mail <sup>2</sup> .....	213,959	191,171	189,821	198,580	198,952	215,816	224,473
Parcel post.....		11,791	9,459	12,375	12,551	12,472	10,323
U. S. A. gift parcels.....		14,936	11,529	3,180	1,742	1,146	
Publishers' 2d class.....	74,547	77,895	84,582	87,325	98,748	107,028	113,434
Air mail <sup>2</sup> .....	120,730	119,692	121,226	126,754	136,434	148,170	153,231
International air parcel post.....	48	471	695	667	787	865	873
WEIGHT OF MAIL (1,000 pounds)							
All mail.....	10,367,075	11,625,209	11,521,370	11,909,135	11,500,516	11,204,044	11,003,639
Domestic mail.....	9,890,793	11,205,220	11,176,403	11,644,619	11,248,045	10,961,538	10,803,169
1st class.....	550,922	608,193	626,265	666,916	701,685	748,992	749,053
Air mail.....	32,419	45,347	53,149	63,443	78,272	76,942	81,689
2d class.....	2,130,344	2,240,091	2,286,749	2,354,993	2,412,658	2,496,590	2,504,459
3d class.....	553,688	617,935	646,198	662,959	711,546	726,981	811,347
4th class.....	6,429,982	7,500,578	7,370,096	7,696,475	7,114,620	6,652,371	6,403,686
Publications <sup>1</sup> .....						30,577	38,860
Penalty.....	180,047	177,530	183,250	183,249	211,100	204,632	189,342
Franked.....	4,323	4,734	4,723	3,862	3,988	5,950	4,843
Free for blind.....	9,068	10,814	11,973	12,123	14,177	18,504	19,890
Foreign mail.....	476,282	419,988	344,967	265,116	252,470	242,505	200,470
Regular mail <sup>2</sup> .....		27,965	24,955	27,745	25,631	29,588	33,930
Parcel post.....	472,102	351,183	94,768	138,528	138,542	130,923	100,610
U. S. A. gift parcels.....		35,836	176,647	52,489	31,144	18,569	
Publishers' 2d class.....		4,242	43,167	40,711	51,042	56,822	59,067
Air mail <sup>2</sup> .....	4,181	4,280	4,280	4,498	4,713	5,210	5,388
International air parcel post.....		762	1,150	1,144	1,398	1,393	1,475
SPECIAL SERVICE TRANSACTIONS (1,000)							
Total.....	879,157	939,025	909,137	913,292	883,438	858,442	823,250
Registry, paid.....	74,165	73,977	72,392	75,539	72,425	71,359	68,464
Registry, free.....	17,101	17,541	18,129	18,585	18,091	18,839	16,729
Insurance.....	183,565	204,597	199,157	199,389	201,990	197,719	193,631
Collect on delivery.....	69,435	73,841	63,111	60,116	55,826	49,303	43,011
Special delivery.....	116,835	120,176	115,044	124,594	122,634	114,158	106,285
Special handling.....	7,632	8,923	7,729	9,385	9,520	11,248	11,325
Miscellaneous foreign.....	4,226	3,849	3,979	3,751	4,058	5,087	4,317
Money orders.....	297,729	313,582	303,729	322,934	376,542	370,291	361,338
Postal notes.....	73,049	90,328	96,330	73,447			
Postal savings certificates.....	35,418	32,212	29,538	25,552	22,351	20,438	18,150

<sup>1</sup> Included with 3d and 4th class prior to 1953.

<sup>2</sup> Comprises letters, cards, and other articles.

Source: Post Office Department; *Cost Ascertainment Report*.

# No. 627.—POSTAL SERVICE OPERATION—NUMBER OF OFFICES AND GROSS RECEIPTS, BY STATES AND OTHER AREAS: 1925 TO 1954

[For years ending June 30]

DIVISION, STATE, OR OTHER AREA	Num- ber of post offices, 1954	GROSS POSTAL RECEIPTS (\$1,000) <sup>1</sup>							
		1925	1930	1935	1940	1945	1950	1953	1954
<b>Grand total</b> .....	39,405	584,755	686,351	595,661	729,780	1,243,674	1,603,628	1,991,901	2,219,315
<b>Continental U. S.</b> .....	38,934	583,427	684,610	591,800	726,172	1,216,094	1,593,127	1,978,576	2,203,998
<b>New England</b> .....	2,223	43,498	51,375	46,111	54,022	77,245	112,173	133,807	149,370
Maine.....	657	3,946	3,912	3,588	3,925	5,834	6,765	7,821	8,900
New Hampshire.....	325	2,035	2,286	2,216	2,718	3,815	5,203	6,867	7,656
Vermont.....	335	1,540	1,703	1,659	1,846	2,406	3,239	3,704	4,331
Massachusetts.....	560	25,064	29,627	25,890	29,796	42,120	63,032	73,773	81,922
Rhode Island.....	69	2,702	3,297	3,018	3,514	5,970	7,961	9,644	10,689
Connecticut.....	277	8,211	10,550	9,740	12,224	17,100	25,972	31,998	35,873
<b>Middle Atlantic</b> .....	4,765	161,532	194,927	164,613	195,685	324,915	437,889	532,748	583,442
New York.....	1,838	102,514	125,072	102,748	120,888	210,835	275,433	335,528	362,063
New Jersey.....	608	14,655	19,768	18,553	23,207	35,122	53,069	66,301	73,435
Pennsylvania.....	2,319	44,363	50,087	43,312	51,590	78,958	109,397	130,919	147,944
<b>East North Central</b> .....	5,457	151,924	175,748	143,663	180,346	259,051	372,050	453,039	503,599
Ohio.....	1,296	35,417	42,088	34,046	41,668	62,071	86,039	105,962	119,163
Indiana.....	874	13,774	15,613	13,388	16,810	26,745	35,755	44,189	49,229
Illinois.....	1,412	70,753	78,757	62,916	79,257	104,724	157,303	188,019	207,646
Michigan.....	986	18,978	24,133	20,048	26,870	42,109	58,635	73,403	81,162
Wisconsin.....	889	13,002	15,157	13,265	15,740	23,402	34,318	41,466	46,399
<b>West North Central</b> .....	5,988	73,365	80,641	66,926	76,171	111,234	155,302	189,528	218,580
Minnesota.....	987	15,836	17,614	15,089	17,600	24,886	35,556	42,868	52,243
Iowa.....	1,079	11,720	13,504	10,932	12,912	18,531	25,354	32,398	33,149
Missouri.....	1,329	27,230	28,988	22,748	25,806	37,517	56,684	68,169	86,495
North Dakota.....	580	2,360	2,721	2,562	2,747	3,583	4,579	5,272	5,111
South Dakota.....	512	2,539	2,750	2,433	2,614	3,686	4,663	5,634	5,502
Nebraska.....	648	6,663	7,279	6,217	6,925	10,397	13,704	16,809	17,234
Kansas.....	853	7,017	7,785	6,945	7,569	12,633	14,763	18,378	18,846
<b>South Atlantic</b> .....	6,449	46,072	52,293	51,213	65,939	124,543	150,838	194,002	222,054
Delaware.....	64	999	1,233	1,251	1,759	2,574	3,727	4,558	4,998
Maryland.....	530	7,101	8,519	7,706	9,435	15,328	19,877	24,140	25,406
Dist. of Columbia.....	1	4,771	6,047	6,307	8,242	18,637	19,731	25,639	26,257
Virginia.....	1,559	7,236	7,985	7,688	9,617	18,013	21,198	26,891	34,438
West Virginia.....	1,421	4,395	4,611	4,274	5,142	8,725	9,349	11,259	12,810
North Carolina.....	969	5,814	6,830	7,475	9,407	19,175	23,247	27,287	31,159
South Carolina.....	459	2,530	2,174	2,037	2,832	4,897	6,656	11,359	11,409
Georgia.....	824	7,734	9,220	8,452	10,630	18,631	23,812	30,461	39,069
Florida.....	622	5,492	5,674	6,023	8,875	18,561	23,242	32,408	36,507
<b>East South Central</b> .....	4,336	20,576	23,736	21,330	26,881	49,905	58,411	74,778	83,574
Kentucky.....	2,040	6,283	6,827	6,161	7,304	12,472	14,804	19,126	21,510
Tennessee.....	752	7,107	8,546	7,676	9,796	17,528	22,629	28,812	31,863
Alabama.....	874	4,385	5,108	4,524	5,961	11,991	13,118	16,904	18,557
Mississippi.....	670	2,801	3,255	2,969	3,820	7,914	7,860	9,936	11,644
<b>West South Central</b> .....	4,356	30,646	37,240	33,206	42,606	81,886	98,003	126,440	139,934
Arkansas.....	977	3,585	3,828	3,265	4,115	7,995	8,441	10,132	10,176
Louisiana.....	677	5,055	5,486	5,017	6,684	13,778	14,781	18,462	19,588
Oklahoma.....	827	5,889	7,272	6,217	7,375	13,032	14,720	18,156	19,277
Texas.....	1,875	16,117	20,654	18,707	24,433	47,080	60,061	79,690	90,894
<b>Mountain</b> .....	2,769	15,004	17,276	15,914	19,778	32,171	41,878	54,496	61,579
Montana.....	503	2,180	2,446	2,422	2,813	3,682	4,856	5,903	5,995
Idaho.....	375	1,324	1,513	1,488	1,878	2,815	3,597	4,624	5,442
Wyoming.....	249	953	993	992	1,189	1,811	2,302	2,883	3,359
Colorado.....	524	5,878	6,819	5,929	7,158	10,701	14,801	18,899	21,406
New Mexico.....	451	900	1,089	1,162	1,631	2,997	3,881	5,349	6,241
Arizona.....	266	1,137	1,532	1,456	1,990	4,228	5,460	7,688	8,684
Utah.....	280	2,179	2,347	1,928	2,434	4,591	5,487	7,019	7,965
Nevada.....	121	453	537	537	686	1,345	1,495	2,131	2,485
<b>Pacific</b> .....	2,591	40,812	51,378	48,823	64,743	155,143	166,583	219,738	241,865
Washington.....	640	7,494	8,719	8,026	9,964	21,402	23,370	28,347	31,420
Oregon.....	550	4,809	5,436	5,004	6,719	11,152	15,591	19,184	21,617
California.....	1,401	28,509	37,223	35,793	48,060	122,589	127,622	172,207	188,828
Alaska.....	248	71	104	98	170	413	962	2,192	2,610
Hawaii.....	101	611	774	834	1,480	22,726	3,955	5,008	5,676
Puerto Rico.....	107	522	527	568	809	2,489	2,415	3,875	4,749
Virgin Islands.....	5	11	15	17	36	48	75	116	145
Other areas <sup>2</sup> .....	10	4	3	3	13	(3)	201	304	333
Philatelic agency.....	-----	109	317	2,340	1,101	1,903	2,892	1,830	1,803

<sup>1</sup> Excludes revenues from money-order business, postal savings, and certain miscellaneous items.<sup>2</sup> Comprises Canton Island, Guam, Samoa (Tutuila), Wake, Caroline, Mariana and Marshall Islands.<sup>3</sup> Less than \$500.Source: Post Office Department; *Annual Report of the Postmaster General*.



No. 628.—NEWSPAPERS AND PERIODICALS—NUMBER AND CIRCULATION, BY  
FREQUENCY OF ISSUE, AND RECEIPTS: 1929 TO 1947

[Circulation and money figures in thousands]

FREQUENCY OF ISSUE AND RECEIPTS	1929	1931	1933	1935	1937	1939	1947
<b>NEWSPAPERS</b>							
<b>Total number</b> .....	10,176	9,299	6,884	8,266	8,826	9,173	10,282
<b>Aggregate circulation per issue</b> <sup>1</sup> .....	91,778	86,457	76,299	87,096	95,296	96,476	119,567
Daily (except Sunday):							
Morning:							
Number.....	459	455	432	464	505	473	400
Circulation.....	15,742	15,480	14,782	15,984	17,311	17,152	21,796
Evening:							
Number.....	1,627	1,589	1,471	1,573	1,560	1,567	1,454
Circulation.....	26,274	25,813	22,849	24,887	26,034	25,814	31,490
Sunday:							
Number.....	578	555	489	523	528	542	416
Circulation.....	29,012	27,453	25,464	29,196	32,713	33,007	42,736
Weekly:							
Number.....	7,075	6,313	4,218	5,337	5,839	6,212	7,705
Circulation.....	18,884	16,173	12,048	15,185	17,287	18,295	21,408
Semiweekly:							
Number.....	381	339	240	332	348	343	230
Circulation.....	1,580	1,353	1,026	1,724	1,720	1,990	926
Triweekly:							
Number.....	56	48	34	37	46	36	21
Circulation.....	287	184	140	121	231	219	151
Other:							
Number.....							56
Circulation.....							1,060
<b>Receipts, total</b> .....	\$1,073,119	\$886,523	\$667,820	\$760,247	\$861,689	\$845,687	\$1,792,338
Subscription and sales.....	275,781	261,569	239,147	260,224	287,509	306,192	599,925
Advertising.....	797,338	624,954	428,673	500,023	574,180	539,495	1,192,413
<b>PERIODICALS</b>							
<b>Total number</b> .....	5,157	4,887	3,459	4,019	4,202	4,985	4,610
<b>Aggregate circulation</b> <sup>1</sup> .....	202,022	183,527	174,759	178,621	224,275	239,693	384,628
Daily:							
Number.....	207	204	177	196	163	220	112
Circulation.....	932	831	794	682	791	1,979	842
Triweekly:							
Number.....	8	9	6	7	8	12	5
Circulation.....	25	31	25	22	33	27	5
Semiweekly:							
Number.....	27	38	30	27	45	50	21
Circulation.....	1,402	1,284	1,811	2,129	2,556	2,995	182
Weekly:							
Number.....	1,158	1,066	878	966	954	1,109	892
Circulation.....	34,495	30,782	39,365	42,648	56,115	55,825	69,393
Semimonthly:							
Number.....	224	205	145	171	179	193	233
Circulation.....	9,168	6,375	4,593	5,508	7,548	8,135	13,832
Monthly:							
Number.....	2,799	2,552	1,664	2,009	2,063	2,323	2,253
Circulation.....	133,048	122,671	103,193	102,194	124,521	134,766	194,824
Quarterly:							
Number.....	562	629	462	510	547	698	647
Circulation.....	20,605	19,576	23,238	23,277	25,808	26,238	45,535
Other:							
Number.....	172	184	97	133	243	380	447
Circulation.....	2,346	1,978	1,742	2,161	6,903	9,726	60,015
<b>Receipts, total</b> .....	\$507,445	\$407,254	\$269,294	\$329,564	\$407,835	\$409,027	\$1,045,523
Subscription and sales.....	184,545	163,698	128,292	143,466	171,961	184,572	419,782
Advertising.....	322,900	243,556	141,002	186,098	235,874	224,455	625,741

<sup>1</sup> Totals of average circulation per issue.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures report.

No. 629.—DAILY AND SUNDAY NEWSPAPERS—NUMBER AND CIRCULATION, BY STATES, 1954, AND FOR THE UNITED STATES, 1946 TO 1954

[Circulation figures in thousands. As of October 1. For English language papers only]

YEAR AND STATE	DAILY NEWSPAPERS						SUNDAY NEWS- PAPERS	
	Total		Morning		Evening		Number	Net paid circulation
	Num- ber	Net paid circulation	Num- ber	Net paid circulation	Num- ber	Net paid circulation		
Total, continental United States:								
1946.....	1,763	50,928	334	20,546	1,429	30,382	497	43,665
1947.....	1,769	51,673	328	20,762	1,441	30,911	511	45,151
1948.....	1,781	52,285	328	21,082	1,453	31,203	530	46,308
1949.....	1,780	52,846	329	21,005	1,451	31,841	546	46,399
1950.....	1,772	53,829	322	21,266	1,450	32,563	549	46,582
1951.....	1,773	54,018	319	21,223	1,454	32,795	543	46,279
1952.....	1,786	53,951	327	21,160	1,459	32,791	545	46,210
1953.....	1,785	54,472	327	21,412	1,458	33,060	544	45,949
1954								
Total <sup>1</sup> .....	1,765	55,072	317	21,705	1,448	33,367	544	46,176
Alabama.....	19	584	3	176	16	408	13	507
Arizona.....	13	225	4	112	9	113	4	153
Arkansas.....	33	347	5	138	28	208	8	286
California.....	121	3,938	21	1,493	100	2,445	24	3,173
Colorado.....	25	555	3	178	22	377	9	602
Connecticut.....	25	699	6	182	19	516	6	442
Delaware.....	3	100	1	27	2	74		
District of Columbia.....	3	780	1	381	2	399	2	667
Florida.....	40	1,139	11	667	29	472	27	1,008
Georgia.....	30	823	5	339	25	484	10	751
Idaho.....	15	133	4	61	11	72	5	96
Illinois.....	88	3,781	9	1,435	79	2,346	18	3,293
Indiana.....	87	1,547	11	424	76	1,123	18	929
Iowa.....	44	927	4	304	40	623	8	798
Kansas.....	54	689	4	188	50	501	14	478
Kentucky.....	31	685	7	287	24	397	13	497
Louisiana.....	19	695	4	298	15	398	9	605
Maine.....	10	250	5	179	5	71	2	168
Maryland.....	12	730	4	216	8	514	3	660
Massachusetts.....	52	2,572	8	1,080	44	1,493	10	1,713
Michigan.....	54	2,293	2	505	52	1,788	12	2,010
Minnesota.....	29	982	4	347	25	635	5	880
Mississippi.....	20	246	5	72	15	173	10	165
Missouri.....	58	1,770	9	734	49	1,036	13	1,364
Montana.....	18	160	4	88	14	72	10	144
Nebraska.....	20	456	3	171	17	286	5	340
Nevada.....	8	68	1	12	7	56	3	50
New Hampshire.....	10	109	1	22	9	87	1	35
New Jersey.....	26	1,260	6	356	20	904	8	750
New Mexico.....	17	142	1	36	16	106	11	109
New York.....	93	8,408	22	4,702	71	3,706	19	9,577
North Carolina.....	48	963	12	488	36	475	16	632
North Dakota.....	12	150	3	56	9	93	2	83
Ohio.....	97	3,310	8	774	89	2,536	18	2,092
Oklahoma.....	52	699	8	292	44	406	40	659
Oregon.....	22	617	4	265	18	352	7	585
Pennsylvania.....	130	4,131	28	1,381	102	2,750	14	3,281
Rhode Island.....	7	285	1	49	6	237	2	187
South Carolina.....	18	436	8	298	10	138	7	322
South Dakota.....	12	157	1	3	11	154	6	110
Tennessee.....	30	990	8	478	22	513	12	809
Texas.....	112	2,630	23	1,076	89	1,554	76	2,283
Utah.....	5	225	1	92	4	132	4	221
Vermont.....	10	93	2	49	8	44	1	13
Virginia.....	33	768	10	363	23	405	13	546
Washington.....	25	891	6	316	19	576	10	823
West Virginia.....	30	505	9	242	21	263	9	400
Wisconsin.....	39	1,063	3	240	36	823	6	850
Wyoming.....	10	66	6	33	4	33	3	31

<sup>1</sup> Adjusted to allow for duplication of Texarkana, Ark.-Tex., and Bristol, Tenn.-Va., in individual State tabulations.  
Source: Editor and Publisher, New York, N. Y.; *International Year Book Number*.



# No. 630.—BOOKS—NEW BOOKS AND NEW EDITIONS PUBLISHED, BY SUBJECT: 1950 TO 1954

[Data based on reports from publishers, numbering 800 or more. To assure as complete a coverage as possible, reports are checked against book reviews and notices and against card index of the Library of Congress. New books are new titles; new editions are revisions of trade or textbooks, and cheaper editions of original trade books. Data exclude pamphlets, theses, reports, and reprints (containing no change whatsoever from original publication)]

SUBJECT	1950			1952			1953			1954		
	Total	New books	New editions	Total	New books	New editions	Total	New books	New editions	Total	New books	New editions
<b>Total</b> .....	<b>11,022</b>	<b>8,634</b>	<b>2,388</b>	<b>11,840</b>	<b>9,399</b>	<b>2,441</b>	<b>12,050</b>	<b>9,724</b>	<b>2,326</b>	<b>11,901</b>	<b>9,690</b>	<b>2,211</b>
Agriculture, gardening.....	152	111	41	153	114	39	162	126	36	148	111	37
Biography.....	603	538	65	719	650	69	776	710	66	743	687	56
Business.....	250	190	60	248	180	68	302	225	77	260	196	64
Education.....	256	209	47	281	238	43	230	201	29	260	223	37
Fiction.....	1,907	1,211	696	2,097	1,354	743	2,215	1,495	720	2,098	1,512	586
Fine arts.....	357	317	40	298	267	31	294	265	29	314	285	29
Games, sports.....	188	153	35	201	168	33	222	194	28	231	201	30
General literature and criticism.....	591	510	81	583	518	65	557	485	72	558	493	65
Geography, travel.....	288	221	67	326	264	62	351	280	71	311	230	81
History.....	516	456	60	569	454	115	590	495	95	605	529	76
Home economics.....	193	150	43	272	237	35	241	197	44	239	192	47
Juvenile.....	1,059	907	152	1,245	1,094	151	1,394	1,264	130	1,342	1,193	149
Law.....	298	228	70	320	236	84	262	196	66	292	226	66
Medicine, hygiene.....	443	312	131	506	350	156	485	328	157	492	345	147
Music.....	113	88	25	81	71	10	73	58	15	79	69	10
Philology.....	148	102	46	156	119	37	183	140	43	181	126	55
Philosophy, ethics.....	340	278	62	365	308	57	332	285	47	315	260	55
Poetry, drama.....	531	453	78	498	424	74	475	412	63	468	389	79
Religion.....	727	626	101	794	715	79	814	725	89	875	774	101
Science.....	705	499	206	678	513	165	695	522	173	707	522	185
Sociology, economics.....	515	447	68	569	478	91	537	467	70	517	463	54
Technical and military.....	497	366	131	466	311	155	411	294	117	444	325	119
Miscellaneous.....	345	262	83	415	336	79	449	360	89	422	339	83

Source: R. R. Bowker Co., New York, N. Y. Monthly data published in *Publishers' Weekly*.

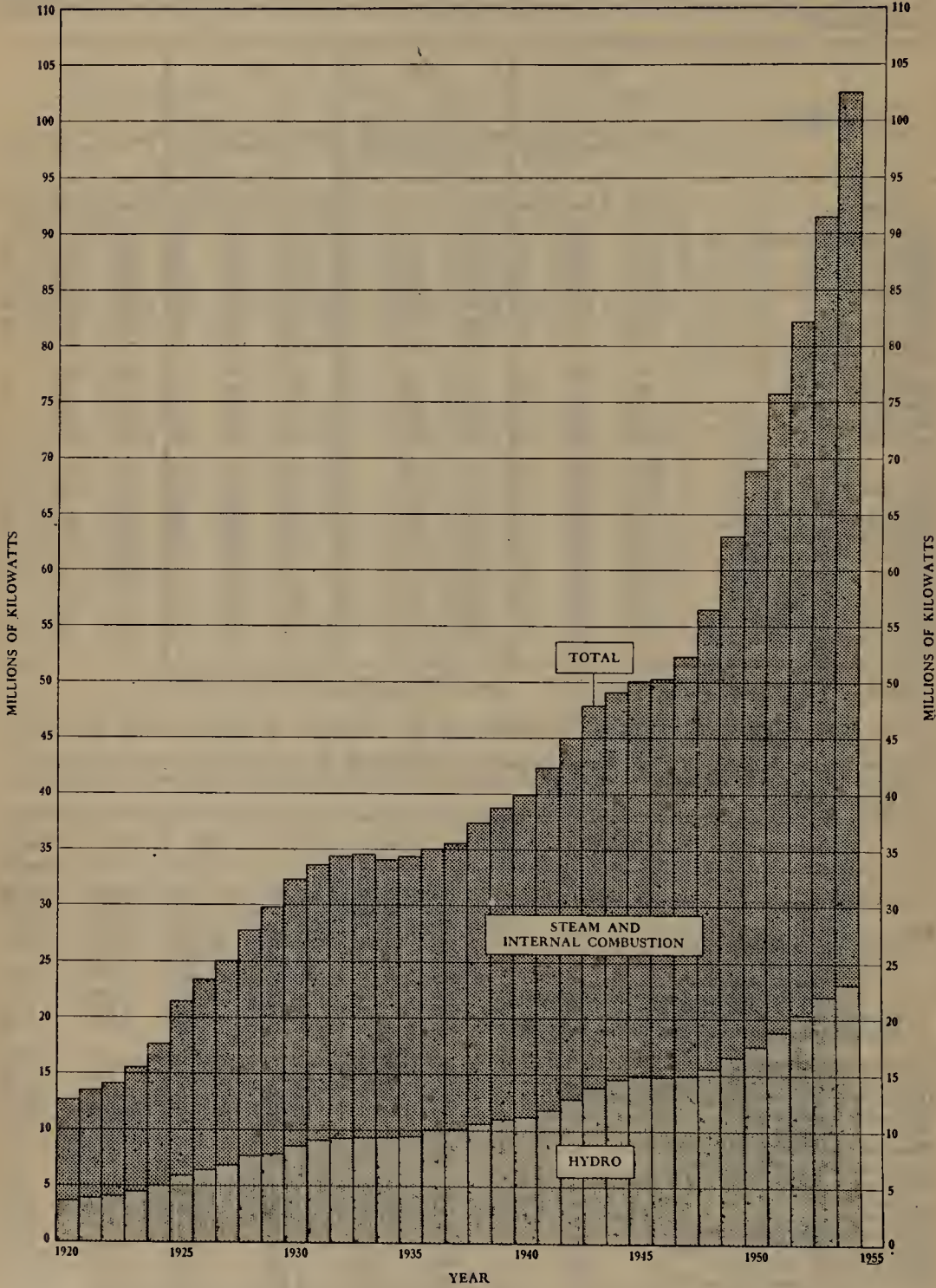
## No. 631.—REGISTRATION OF COPYRIGHTS BY SUBJECT MATTER: 1949 TO 1954

[For years ending June 30. For information on patents, see table 602. See also *Historical Statistics*, series P 170-175, for data on total registrations and on the registration of books, musical compositions, and commercial prints and labels]

SUBJECT MATTER OF COPYRIGHT	1949	1950	1951	1952	1953	1954
<b>Total</b> .....	<b>201,190</b>	<b>210,564</b>	<b>200,354</b>	<b>203,705</b>	<b>218,506</b>	<b>222,665</b>
Books.....	51,562	54,894	50,533	49,403	52,347	55,057
Printed in the United States.....	48,323	50,144	45,879	44,834	46,919	49,902
Books proper.....	10,254	11,323	11,272	11,623	43,631	46,608
Pamphlets, leaflets, etc.....	33,929	34,383	31,199	29,891		
Contributions to newspapers and periodicals.....	4,140	4,438	3,408	3,320	3,288	3,294
Printed abroad in a foreign language.....	2,644	3,710	3,536	3,382	3,875	3,697
English books registered for ad interim copyright.....	595	1,040	1,118	1,187	1,553	1,458
Periodicals (numbers).....	54,163	55,436	55,129	56,509	59,371	60,667
Lectures, sermons, addresses.....	1,036	1,007	693	837	862	769
Dramatic or dramatico-musical compositions.....	5,159	4,427	3,992	3,766	3,884	3,527
Musical compositions.....	48,210	52,309	48,319	51,538	59,302	58,213
Maps.....	2,314	1,638	1,992	2,422	2,541	2,390
Works of art, models, or designs.....	3,281	4,013	3,428	3,305	3,029	3,170
Reproductions of works of art.....	239	326	453	520	579	572
Drawings or plastic works of a scientific or technical character.....	1,063	1,316	953	980	958	1,300
Photographs.....	1,134	1,143	770	995	1,206	1,049
Commercial prints and labels.....	13,233	13,320	11,981	11,770	12,025	10,784
Prints and pictorial illustrations.....	4,358	4,309	3,590	2,891	3,126	4,103
Motion picture photoplays.....	667	782	835	798	907	1,170
Motion pictures not photoplays.....	1,096	1,113	1,314	1,281	1,268	1,386
Renovals of all classes.....	13,675	14,531	16,372	16,690	17,101	18,508

Source: The Library of Congress, *Annual Report*.

FIG. XXXIX.—INSTALLED CAPACITY OF ELECTRIC UTILITY GENERATING PLANTS:  
1920 TO 1954  
[See table 634]



Source. Federal Power Commission.



## 19. Power

Statistics on the various sources of energy are compiled by numerous agencies but only a few of the series are reasonably complete or arranged to avoid duplication in a manner that permits ready computation of total energy requirements. Oil, coal, natural gas, and wood yield many products as well as power and, consequently, enter into many statistical series.

Data on coal, oil, and natural gas production and utilization, and related subjects are compiled annually by the Bureau of Mines and are published in the *Minerals Yearbook*. For summaries of statistical material from this source, see section 28, Mining and Mineral Products. Data on natural gas utilization and the production of manufactured gas from coal, oil, and similar products, its utilization and related statistics are published by the American Gas Association in its monthly bulletins and annual statistical numbers. Such annual summary data are included in this section.

Data on the production of electric energy by type of prime mover and showing the quantities of basic fuels—coal, oil, natural gas, and others—used in production, and the capacity of all generating plants by type of prime mover and related statistics are compiled and published annually by the Federal Power Commission. These data cover both generation for public use by electric utilities and for use by the producer where generated by non-utility establishments. Data on sales, revenues, and customers by classes of service, on rates and typical bills, and related matters are also published by the Commission. Monthly statistics on production, fuels used in production, sales by classes of service, salaries and wages, taxes, and other costs are also published and distributed by the Federal Power Commission in a loose-leaf current data series known as *Electric Power Statistics*. Statistics on the distribution of electric energy by utilities for public use are presented monthly and annually by the Edison Electric Institute in its *Statistical Bulletin*.

Data on the use of power by manufacturing, extracting, and related industries are issued from time to time by the Bureau of the Census in its Censuses of Manufactures and Mineral Industries. Statistics based on these studies appear in the sections on manufacturing and mineral industries in this *Abstract*.

Over-all statistics on water as an actual and potential source of power are compiled by the Federal Power Commission and are shown in table 649.

The Bureau of the Census in the Census of Electrical Industries compiled at 5-year intervals beginning in 1902 a report on the Electric Light and Power Industry. The last survey made was for the year 1937.

Data in this section relate to continental United States except as indicated.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series G 159-170") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

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Note.—This section presents data for the most recent year or period available on April 8, 1955, when the material was organized and sent to the printer. In some instances, more recent data were added later.

**NO. 632.—ENERGY FROM MINERAL FUELS AND WATER POWER—ANNUAL SUPPLY, PERCENT DISTRIBUTION, AND INDEXES OF SUPPLY, BY SOURCE: 1889 TO 1953**

<sup>1</sup>In trillions of British thermal units. Unit heat values employed are: Anthracite, 12,700 B. t. u. per pound; bituminous coal and lignite, 13,100 B. t. u. per pound; petroleum, 5,800,000 B. t. u. per barrel; natural gas, 1,075 B. t. u. per cubic foot. Water power includes installations owned by manufacturing plants and mines, as well as Government and privately owned public utilities. Fuel equivalent of water power calculated from kilowatt-hours of power produced wherever available, as is true of all public-utility plants since 1919. Otherwise, fuel equivalent calculated from reported horsepower of installed water wheels, assuming capacity factor of 20 percent for factories and mines and of 40 percent for public utilities. See also *Historical Statistics*, series G 159-170]

ITEM AND YEAR	Total energy	Water power <sup>1</sup>	MINERAL FUELS							
			Total	Coal			Petroleum and natural gas			
				Total	Pennsyl- vania an- thracite	Bitumi- nous and lignite	Total	Petroleum (crude)		Natural gas (market- ed pro- duction)
								Domestic produc- tion	Im- ports <sup>2</sup>	
ANNUAL SUPPLY										
1889-----	( <sup>3</sup> )	( <sup>3</sup> )	4,136	3,664	1,157	2,507	472	204	-----	268
1899-----	7,409	238	7,171	6,600	1,535	5,065	571	331	-----	240
1900-----	7,893	250	7,643	7,020	1,457	5,563	623	369	-----	254
1901-05 avg-----	10,075	323	9,753	8,838	1,698	7,140	915	592	-----	323
1906-10 avg-----	13,793	477	13,317	11,844	2,061	9,783	1,473	1,002	1	470
1911-15 avg-----	16,530	611	15,919	13,794	2,267	11,527	2,125	1,437	70	619
1916-20 avg-----	20,256	708	19,548	16,337	2,356	13,981	3,211	2,103	287	820
1921-25 avg-----	20,568	653	19,915	14,582	1,972	12,610	5,333	3,758	550	1,024
1926-30 avg-----	23,675	785	22,890	15,541	1,946	13,595	7,350	5,195	394	1,760
1931-35 avg-----	18,494	719	17,775	10,571	1,363	9,207	7,205	5,158	222	1,824
1936-40 avg-----	23,071	853	22,218	12,243	1,298	10,945	9,975	7,205	188	2,582
1941-45 avg-----	30,628	1,232	29,396	16,617	1,503	15,114	12,779	8,916	227	3,636
1946-50 avg-----	34,542	1,485	33,057	15,573	1,329	14,243	17,484	10,935	1,074	5,475
1949-----	31,982	1,539	30,443	12,557	1,085	11,472	17,886	10,683	1,376	5,827
1950-----	36,225	1,573	34,652	14,647	1,120	13,527	20,005	11,449	1,803	6,753
1951-----	39,478	1,559	37,919	15,066	1,084	13,982	22,853	13,037	1,800	8,016
1952-----	38,780	1,581	37,199	13,262	1,031	12,231	23,937	13,282	2,041	8,614
1953 (prel.)-----	39,208	1,522	37,686	12,767	786	11,981	24,919	13,671	2,220	9,028
PERCENT DISTRIBUTION										
1900-----	100.0	3.2	96.8	88.9	18.4	70.5	7.9	4.7	-----	3.2
1910-----	100.0	3.5	96.5	85.0	13.9	71.1	11.5	7.9	-----	3.6
1920-----	100.0	3.4	96.6	78.2	10.4	67.8	18.4	11.7	2.8	3.9
1930-----	100.0	3.4	96.6	62.5	7.9	54.6	34.1	23.2	1.6	9.3
1940-----	100.0	3.5	96.5	53.1	5.2	47.9	43.4	31.1	1.0	11.3
1945-----	100.0	4.4	95.6	50.8	4.3	46.5	44.8	30.5	1.3	13.0
1950-----	100.0	4.3	95.7	40.5	3.1	37.4	55.2	31.6	5.0	18.6
1951-----	100.0	3.9	96.1	38.2	2.8	35.4	57.9	33.0	4.6	20.3
1952-----	100.0	4.1	95.9	34.2	2.7	31.5	61.7	34.2	5.3	22.2
1953 (prel.)-----	100.0	3.9	96.1	32.6	2.0	30.6	63.6	34.9	5.7	23.0
INDEXES OF SUPPLY (1918=100)										
1889-----	( <sup>3</sup> )	( <sup>3</sup> )	20	21	46	17	15	10	-----	35
1900-----	37	36	37	40	58	37	20	18	-----	33
1910-----	72	77	72	74	85	72	58	59	1	71
1920-----	102	105	102	97	91	98	132	124	281	111
1930-----	105	107	104	79	70	81	250	252	164	270
1940-----	118	126	117	76	52	80	358	380	113	369
1945-----	152	206	150	93	56	100	477	482	196	544
1950-----	169	224	167	83	45	89	654	555	823	871
1951-----	184	222	183	85	43	92	747	632	822	1,034
1952-----	181	226	179	75	41	81	783	644	932	1,111
1953 (prel.)-----	183	217	182	72	31	79	816	663	1,029	1,165

<sup>1</sup> Assuming average central-station practice for each year; declined from about 7.05 pounds of coal per kilowatt-hour in 1899 to 1.06 pounds in 1953.

<sup>2</sup> Beginning 1948, includes crude, residual, and distillate.

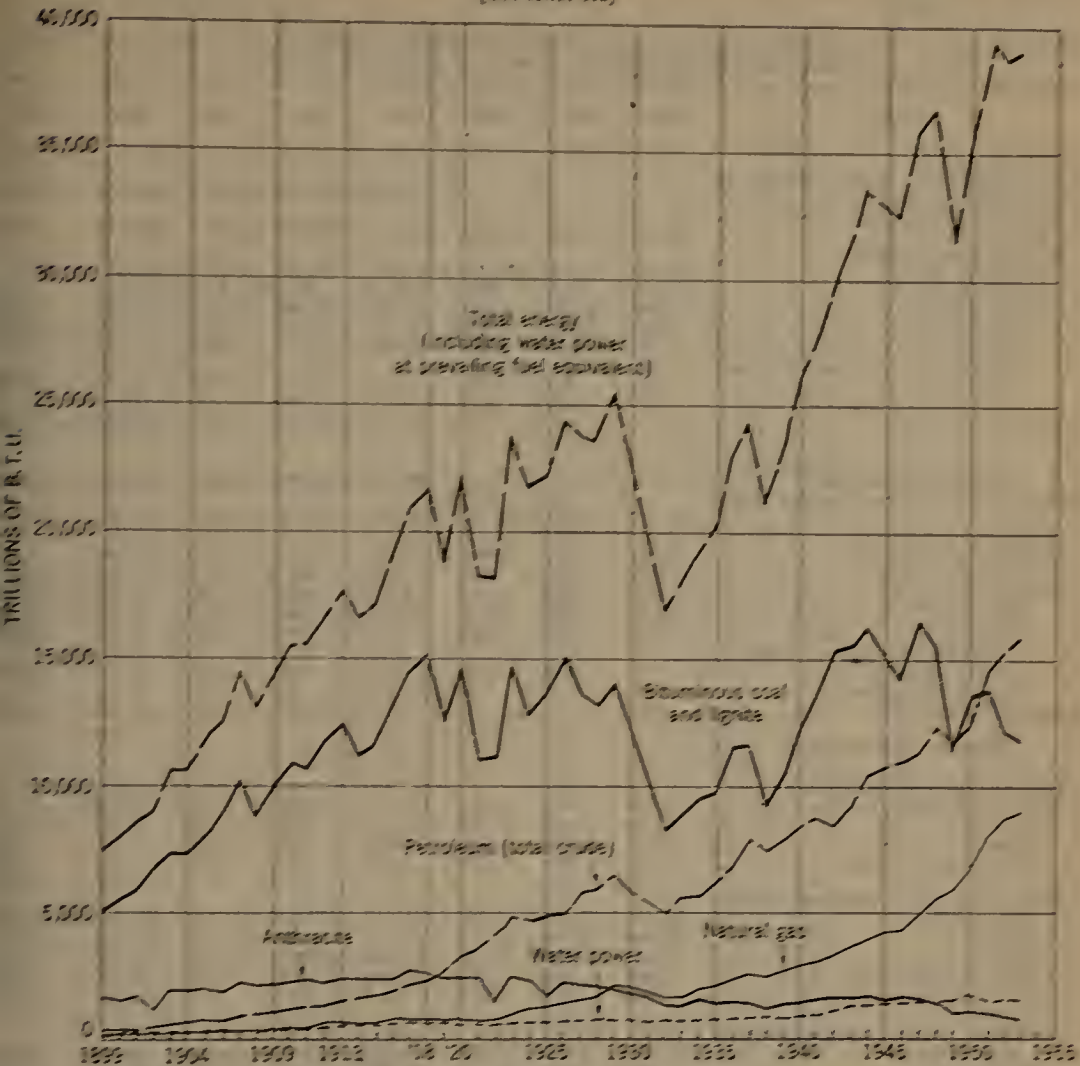
<sup>3</sup> Not available.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*. Current data also published in annual bulletin, *Bituminous Coal and Lignite*.



FIG. XL.—ENERGY FROM MINERAL FUELS AND WATER POWER: 1899 TO 1953

[See table 322]



Source: Department of the Interior, Bureau of Mines.

## No. 633.—PROJECTIONS OF ELECTRIC ENERGY REQUIREMENTS: 1953 TO 1975

Estimates include projected generating capacity outside generation by industrial facilities and railways having generating facilities of their own.

YEAR	ENERGY USE			PEAK LOAD		
	Billion kWh	Percent increase from 1953	Percent increase for each time interval	Million kw	Percent increase from 1953	Percent increase for each time interval
1953	436.6			30.0		
1955	527.3	20.2	20.2	37.2	21.5	21.5
1960	724.3	65.3	27.5	132.3	65.4	30.1
1965	921.6	109.9	27.6	192.3	139.4	27.2
1970	1,134.9	152.6	23.3	267.5	189.4	22.3
1975	1,354.3	209.2	12.5	345.2	245.2	19.6

Actual figures.

Source: Federal Power Commission; Estimated Future Power Requirements of the United States, 1953-1975, June 1954.

**No. 634.—PRODUCTION OF ELECTRIC ENERGY AND NUMBER AND CAPACITY OF GENERATING PLANTS, BY CLASS OF OWNERSHIP AND TYPE OF PRIME MOVER: 1925 TO 1953**

[Installed capacity as of December 31. Industrial series first available for 1939; detail by type of prime mover for 1943. See also *Historical Statistics*, series G 171-190 and G 200-224]

ITEM	1925	1930	1935	1940	1945	1950	1952	1953
<b>Production, total (millions of kilowatt-hours)</b> -----				179,907	271,255	388,674	463,055	514,169
Electric utilities (for public use), total-----	61,451	91,112	95,287	141,837	222,486	329,141	399,224	442,665
By class of ownership:								
Privately owned-----	58,685	86,108	89,330	125,411	180,926	266,860	322,126	354,271
Percent of total-----	95.5	94.5	93.7	88.4	81.3	81.1	80.7	80.0
Publicly owned-----	2,766	5,003	5,958	16,426	41,560	62,281	77,098	88,393
Municipal-----	2,302	3,604	4,229	6,188	9,624	15,244	17,490	21,625
Federal-----	103	465	555	8,584	28,001	40,388	52,492	58,064
Cooperatives, power districts, State projects-----	172	518	732	1,175	3,146	5,793	7,115	8,704
Noncentral stations-----	189	416	442	479	790	857	(1)	(1)
Industrial plants <sup>2</sup> -----				38,070	48,769	59,533	63,831	71,505
<b>Installed capacity, total (thousands of kilowatts)</b> -----				50,962	62,868	82,850	97,312	107,354
Electric utilities (for public use), total-----	21,472	32,384	34,436	39,927	50,111	68,919	82,226	91,502
By class of ownership:								
Privately owned-----	20,045	30,285	31,820	34,399	40,307	55,176	64,349	71,201
Percent of total-----	93.4	93.5	92.4	86.2	80.4	80.1	78.3	77.8
Publicly owned-----	1,427	2,099	2,615	5,528	9,804	13,743	17,878	20,301
Municipal-----	1,125	1,601	2,002	2,977	3,586	4,970	6,019	6,570
Federal-----	198	226	300	1,944	5,081	6,921	9,678	11,358
Cooperatives, power districts, State projects-----	49	154	175	435	891	1,538	2,180	2,373
Noncentral stations-----	56	118	139	173	245	314	(1)	(1)
Industrial plants <sup>2</sup> -----				11,035	12,757	13,931	15,085	15,852
<b>TYPE OF PRIME MOVER</b>								
Electric utilities (for public use):								
Number of plants, total <sup>3</sup> -----	3,738	4,043	4,023	3,918	3,886	3,867	3,698	3,686
Hydro-----	1,250	1,446	1,476	1,474	1,505	1,458	1,412	1,406
Steam-----	2,004	1,626	1,424	1,153	1,057	1,051	1,030	1,041
Internal combustion-----	484	971	1,123	1,291	1,324	1,353	1,256	1,239
Production, total (millions of kilowatt-hours)-----	61,451	91,112	95,287	141,837	222,486	329,141	399,224	442,665
Hydro-----	21,798	31,190	38,372	47,321	79,970	95,938	105,102	105,233
Steam-----	39,367	59,293	56,144	93,002	140,435	229,543	290,385	333,542
Internal combustion-----	286	629	771	1,514	2,081	3,660	3,736	3,890
Hydro as percent of total-----	35.5	34.2	40.3	33.4	35.9	29.1	26.3	23.8
Installed capacity, total (thousands of kilowatts)-----	21,472	32,384	34,436	39,927	50,111	68,919	82,226	91,502
Hydro-----	5,922	8,585	9,399	11,224	14,912	17,675	20,419	22,045
Steam-----	15,368	23,386	24,471	27,775	34,113	49,333	59,679	67,235
Internal combustion-----	182	414	566	928	1,087	1,911	2,129	2,222
Hydro as percent of total-----	27.6	26.5	27.3	28.1	29.8	25.6	24.8	24.1
Production per kilowatt of installed capacity (kilowatt-hours) <sup>4</sup> -----	2,862	2,813	2,767	3,552	4,440	4,776	4,855	4,838
Industrial plants: <sup>2</sup>								
Production, total (millions of kilowatt-hours)-----				38,070	48,769	59,533	63,831	71,505
Hydro-----					4,777	4,946	4,606	4,384
Fuel-----					43,992	54,587	59,225	67,121
Hydro as percent of total-----					9.8	8.3	7.2	6.1
Installed capacity, total (thousands of kilowatts)-----				11,035	12,757	13,931	15,085	15,852
Hydro-----					980	1,000	997	1,009
Steam-----					11,135	12,162	12,941	13,725
Internal combustion-----					641	770	1,148	1,118
Hydro as percent of total-----					7.7	7.2	6.6	6.4

<sup>1</sup> Noncentral stations distributed to other publicly owned classes on the basis of actual ownership.

<sup>2</sup> Comprises production and capacity of approximately 3,004 industrial electric power plants of 100 kilowatts and over in 1953, including amounts for stationary electric power plants of railroads and railways.

<sup>3</sup> Each prime mover type in combination plants counted separately.

<sup>4</sup> Based on capacity in service at end of year.

Source: Federal Power Commission; annual report, *Production of Electric Energy and Capacity of Generating Plants*, and industrial electric power summaries.



**No. 635.—GENERATING PLANTS—INSTALLED CAPACITY OF ELECTRIC UTILITIES AND INDUSTRIAL PLANTS, BY TYPE OF PRIME MOVER AND CLASS OF OWNERSHIP, BY STATES: 1953**

[In thousands of kilowatts. As of December 31]

DIVISION AND STATE	Total	TYPE OF PRIME MOVER				CLASS OF OWNERSHIP OF ELECTRIC UTILITIES				Industrial plants
		Electric utilities and industrial		Electric utilities		Total	Privately owned	Publicly owned		
		Fuel	Hydro	Fuel	Hydro			Municipal	Other	
United States	107,354	84,300	23,055	69,457	22,045	91,502	71,201	6,570	13,732	15,852
New England	5,994	4,712	1,282	3,725	996	4,721	4,546	153	22	1,277
Maine	761	343	418	208	269	477	473	4	(1)	284
New Hampshire	529	218	311	175	262	437	435	3		92
Vermont	254	56	198	42	184	226	212	13	(1)	28
Massachusetts	2,674	2,441	233	1,912	182	2,093	1,976	109	9	581
Rhode Island	417	409	8	343	2	345	339	2	5	71
Connecticut	1,359	1,245	114	1,046	96	1,142	1,112	23	8	216
Middle Atlantic	19,303	17,598	1,704	14,560	1,625	16,185	15,955	204	27	3,117
New York	8,949	7,696	1,254	6,552	1,181	7,733	7,610	106	17	1,216
New Jersey	3,046	3,037	9	2,547	6	2,553	2,515	36	2	493
Pennsylvania	7,307	6,866	442	5,461	438	5,899	5,830	62	8	1,408
East North Central	24,103	23,165	938	19,258	875	20,133	18,360	1,552	221	3,970
Ohio	6,729	6,715	14	5,507	11	5,517	5,083	420	14	1,211
Indiana	3,488	3,453	35	2,814	35	2,849	2,538	310		639
Illinois	6,270	6,217	53	5,534	48	5,582	5,299	264	19	688
Michigan	5,157	4,737	420	3,640	414	4,054	3,527	446	81	1,103
Wisconsin	2,459	2,044	415	1,763	368	2,131	1,912	112	107	328
West North Central	7,001	6,319	682	5,798	631	6,428	4,387	1,246	795	572
Minnesota	1,685	1,498	187	1,341	144	1,486	1,145	268	73	199
Iowa	1,508	1,368	140	1,253	140	1,393	1,090	218	85	115
Missouri	1,560	1,366	194	1,236	194	1,430	1,190	208	32	130
North Dakota	247	247		243		243	164	11	68	4
South Dakota	223	210	13	195	5	200	153	41	6	23
Nebraska	683	541	142	530	141	671	1	165	506	12
Kansas	1,094	1,088	6	998	6	1,004	644	335	25	90
South Atlantic	14,928	11,716	3,212	9,753	2,744	12,497	10,918	582	997	2,431
Delaware	196	196	1	150		150	137	13		47
Maryland	1,578	1,306	272	1,099	271	1,370	1,334	28	8	208
Dist. of Columbia	550	547	3	530	3	533	530		3	17
Virginia	2,174	1,753	421	1,275	398	1,672	1,384	60	228	502
West Virginia	2,592	2,385	208	1,968	101	2,069	2,068	1		524
North Carolina	2,953	1,986	967	1,756	668	2,424	2,086	112	226	529
South Carolina	1,624	785	839	566	813	1,379	969	5	406	244
Georgia	1,517	1,028	489	877	477	1,354	1,232	16	105	163
Florida	1,743	1,731	13	1,533	13	1,546	1,177	347	22	198
East South Central	8,117	4,585	3,532	4,055	3,524	7,579	2,665	119	4,796	533
Kentucky	1,769	1,228	541	1,186	541	1,727	844	43	840	42
Tennessee	2,955	1,263	1,692	1,102	1,692	2,794	132	20	2,643	161
Alabama	2,688	1,389	1,299	1,152	1,291	2,444	1,130	1	1,313	244
Mississippi	706	706		614		614	559	55		92
West South Central	9,722	8,880	842	6,308	839	7,147	5,506	735	906	2,575
Arkansas	1,045	728	316	537	313	851	548	56	247	194
Louisiana	2,076	2,076		1,254		1,254	1,111	142		822
Oklahoma	1,123	957	166	909	166	1,075	751	83	242	48
Texas	5,478	5,118	360	3,608	359	3,967	3,097	453	417	1,511
Mountain	5,788	2,351	3,438	1,654	3,434	5,088	2,566	195	2,326	701
Montana	852	90	762	75	762	836	446		390	16
Idaho	782	45	737	5	736	741	677	14	50	40
Wyoming	268	161	107	86	107	194	81	2	111	75
Colorado	770	625	145	516	143	660	465	106	89	110
New Mexico	425	400	25	348	25	373	299	27	47	52
Arizona	1,538	558	980	345	980	1,325	268	3	1,055	212
Utah	531	437	95	268	95	363	316	43	4	169
Nevada	622	35	587	10	586	596	14	1	581	26
Pacific	12,399	4,974	7,425	4,347	7,378	11,725	6,298	1,784	3,643	674
Washington	3,898	458	3,440	201	3,411	3,612	678	792	2,142	287
Oregon	1,462	346	1,117	205	1,100	1,306	494	52	759	157
California	7,038	4,171	2,868	3,941	2,866	6,807	5,126	940	741	231

<sup>1</sup> Less than 500.

Source: Federal Power Commission; based on annual report, *Production of Electric Energy and Capacity of Generating Plants*, 1953.

# No. 636.—ELECTRIC ENERGY—PRODUCTION BY ELECTRIC UTILITIES AND INDUSTRIAL PLANTS, BY TYPE OF PRIME MOVER AND CLASS OF OWNERSHIP, BY STATES: 1953

[In millions of kilowatt-hours]

DIVISION AND STATE	Total	TYPE OF PRIME MOVER				CLASS OF OWNERSHIP OF ELECTRIC UTILITIES				Industrial plants
		Electric utilities and industrial		Electric utilities		Total	Privately owned	Publicly owned		
		Fuel	Hydro	Fuel	Hydro			Municipal	Other	
United States.....	514, 169	404, 552	109, 617	337, 431	105, 233	442, 665	354, 271	21, 625	66, 768	71, 505
New England.....	23, 709	18, 795	4, 915	16, 302	3, 780	20, 082	19, 627	378	77	3, 627
Maine.....	3, 232	1, 184	2, 047	665	1, 352	2, 017	2, 004	12	(1)	1, 215
New Hampshire.....	1, 906	934	972	807	772	1, 580	1, 573	7		326
Vermont.....	829	86	743	62	686	748	709	39	(1)	82
Massachusetts.....	10, 095	9, 287	808	8, 217	675	8, 892	8, 592	269	31	1, 203
Rhode Island.....	1, 639	1, 624	15	1, 473	7	1, 480	1, 450	5	26	159
Connecticut.....	6, 009	5, 679	330	5, 078	288	5, 366	5, 300	46	20	643
Middle Atlantic.....	89, 340	79, 573	9, 767	68, 895	9, 424	78, 320	77, 661	554	104	11, 020
New York.....	40, 223	32, 293	7, 930	29, 225	7, 616	36, 841	36, 481	278	82	3, 383
New Jersey.....	13, 280	13, 240	39	11, 491	30	11, 522	11, 412	100	9	1, 758
Pennsylvania.....	35, 837	34, 040	1, 797	28, 179	1, 779	29, 958	29, 768	176	13	5, 879
East North Central.....	116, 260	112, 162	4, 098	94, 601	3, 730	98, 331	93, 162	4, 339	830	17, 929
Ohio.....	32, 502	32, 474	28	26, 515	15	26, 530	25, 335	1, 166	29	5, 972
Indiana.....	17, 276	17, 191	85	14, 137	85	14, 222	13, 429	792		3, 054
Illinois.....	31, 597	31, 393	204	28, 576	182	28, 757	28, 048	659	51	2, 840
Michigan.....	24, 413	22, 660	1, 753	18, 031	1, 703	19, 734	18, 075	1, 396	263	4, 679
Wisconsin.....	10, 472	8, 444	2, 028	7, 343	1, 745	9, 088	8, 275	325	488	1, 385
West North Central.....	27, 253	24, 366	2, 887	22, 339	2, 622	24, 961	18, 734	3, 109	3, 118	2, 292
Minnesota.....	6, 529	5, 381	1, 148	4, 874	912	5, 786	4, 945	642	198	743
Iowa.....	5, 962	5, 054	908	4, 467	908	5, 374	4, 675	479	220	588
Missouri.....	5, 566	5, 334	232	4, 877	232	5, 109	4, 510	517	82	457
North Dakota.....	782	782		780		780	495	32	253	2
South Dakota.....	726	679	48	631	19	650	541	98	11	76
Nebraska.....	2, 667	2, 132	535	2, 110	534	2, 643	1	359	2, 283	23
Kansas.....	5, 021	5, 004	17	4, 601	17	4, 618	3, 567	981	71	403
South Atlantic.....	72, 920	62, 571	10, 349	52, 329	8, 382	60, 711	56, 099	1, 944	2, 668	12, 209
Delaware.....	1, 138	1, 138		969		969	948	21		169
Maryland.....	7, 368	6, 024	1, 344	4, 578	1, 340	5, 918	5, 823	74	21	1, 450
Dist. of Columbia.....	1, 882	1, 879	3	1, 848	3	1, 851	1, 848		3	31
Virginia.....	10, 275	9, 400	875	7, 256	799	8, 055	7, 633	142	280	2, 221
West Virginia.....	15, 580	14, 710	870	12, 365	376	12, 741	12, 740	1		2, 839
North Carolina.....	13, 681	10, 281	3, 400	9, 213	2, 149	11, 362	10, 075	278	1, 010	2, 319
South Carolina.....	6, 046	3, 858	2, 188	2, 898	2, 110	5, 008	3, 915	12	1, 081	1, 038
Georgia.....	8, 082	6, 456	1, 626	5, 529	1, 561	7, 089	6, 829	52	209	992
Florida.....	8, 868	8, 825	44	7, 674	44	7, 718	6, 288	1, 365	65	1, 150
East South Central.....	42, 215	27, 474	14, 741	24, 648	14, 716	39, 364	14, 127	325	24, 912	2, 850
Kentucky.....	8, 572	6, 379	2, 193	6, 249	2, 193	8, 442	4, 692	165	3, 585	130
Tennessee.....	15, 155	8, 605	6, 550	7, 909	6, 550	14, 459	515	46	13, 898	696
Alabama.....	15, 510	9, 513	5, 997	8, 014	5, 973	13, 987	6, 557		7, 429	1, 524
Mississippi.....	2, 978	2, 978		2, 477		2, 477	2, 363	114		501
West South Central.....	49, 953	48, 726	1, 227	32, 944	1, 222	34, 166	29, 945	2, 284	1, 937	15, 787
Arkansas.....	4, 979	4, 277	702	3, 047	697	3, 744	3, 019	106	620	1, 235
Louisiana.....	10, 869	10, 869		6, 274		6, 274	5, 917	358		4, 595
Oklahoma.....	4, 441	4, 300	141	4, 065	141	4, 206	3, 578	176	453	235
Texas.....	29, 664	29, 280	384	19, 558	384	19, 942	17, 433	1, 645	865	9, 722
Mountain.....	25, 051	10, 062	14, 989	6, 849	14, 980	21, 829	12, 649	569	8, 611	3, 223
Montana.....	3, 750	326	3, 424	295	3, 424	3, 719	2, 886		833	31
Idaho.....	3, 993	141	3, 851	(1)	3, 850	3, 850	3, 466	66	317	143
Wyoming.....	1, 037	499	538	297	538	836	302	1	533	201
Colorado.....	3, 122	2, 648	474	2, 265	467	2, 732	2, 213	279	240	390
New Mexico.....	1, 804	1, 764	41	1, 505	41	1, 546	1, 365	72	108	259
Arizona.....	6, 389	2, 186	4, 203	1, 242	4, 203	5, 445	941	7	4, 497	944
Utah.....	2, 708	2, 363	345	1, 230	345	1, 575	1, 415	142	19	1, 132
Nevada.....	2, 249	136	2, 112	14	2, 111	2, 125	61	2	2, 063	123
Pacific.....	67, 467	20, 824	46, 643	18, 523	46, 377	64, 900	32, 267	8, 123	24, 511	2, 567
Washington.....	23, 996	1, 068	22, 928	184	22, 700	22, 884	3, 828	3, 169	15, 887	1, 111
Oregon.....	7, 516	826	6, 690	301	6, 651	6, 952	1, 940	248	4, 764	564
California.....	35, 956	18, 930	17, 026	18, 038	17, 026	35, 064	26, 499	4, 706	3, 859	892

1 Less than 500,000.

Source: Federal Power Commission; based on annual report, *Production of Electric Energy and Capacity of Generating Plants*, 1953.



**No. 637.—ELECTRIC UTILITIES—NUMBER OF ELECTRIC UTILITY SUPPLY SYSTEMS AND GENERATING PLANTS, BY CLASS OF OWNERSHIP: 1922 TO 1953**

[Duplications of establishments operating in two or more States have been eliminated. Each type of prime mover in combination generating plants counted separately; nonutility generating plants, approximately 3,004 in 1953, producing primarily for industrial use, are excluded]

DECEMBER 31	Total, all classes	Pri- vately owned	PUBLICLY OWNED				
			Total	Municipal	Federal	Public utility districts and State projects	Cooperatives
1922: Total electric supply systems.....	6,355	3,774	2,581	2,581			
Systems with generating plants.....	4,389	2,650	1,739	1,739			
Number of generating plants.....	5,444	3,615	1,829	1,829			
1932: Total electric supply systems.....	3,429	1,627	1,802	1,799	3		
Systems with generating plants.....	1,788	923	865	862	3		
Number of generating plants.....	4,339	3,244	1,095	1,085	10		
1937: Total electric supply systems.....	3,501	1,407	2,094	1,877	25	11	181
Systems with generating plants.....	1,812	818	994	955	17	6	16
Number of generating plants.....	4,027	2,916	1,111	1,014	27	43	27
1945: Total electric supply systems.....	4,051	1,060	2,991	2,092	74	25	800
Systems with generating plants.....	1,594	492	1,102	990	18	11	83
Number of generating plants.....	3,886	2,400	1,486	1,157	86	101	142
1950: Total electric supply systems.....	4,007	821	3,186	2,077	55	91	963
Systems with generating plants.....	1,495	393	1,102	955	13	42	92
Number of generating plants.....	3,867	2,334	1,533	1,136	83	148	166
1951: Total electric supply systems.....	3,985	778	3,207	2,079	57	94	977
Systems with generating plants.....	1,461	376	1,085	947	13	43	82
Number of generating plants.....	3,806	2,285	1,521	1,124	91	145	161
1952: Total electric supply systems.....	3,937	744	3,193	2,070	55	94	974
Systems with generating plants.....	1,395	353	1,042	907	6	49	80
Number of generating plants.....	3,698	2,212	1,486	1,093	97	146	150
1953: Total electric supply systems.....	3,889	710	3,179	2,063	53	93	970
Systems with generating plants.....	1,368	338	1,030	897	6	47	80
Number of generating plants.....	3,686	2,193	1,493	1,088	107	146	152

Source: Federal Power Commission; annual report, *Production of Electric Energy and Capacity of Generating Plants*, and related data.

**No. 638.—ELECTRIC LIGHT AND POWER INDUSTRY—ENERGY GENERATED, SALES, REVENUE, AND CUSTOMERS: 1930 TO 1954**

[Figures for energy generated obtained by Edison Electric Institute from Federal Power Commission. Figures for sales, revenue, and customers for 1930 and 1935 not strictly comparable with those for 1940 and subsequent years due to change in classification of sales. See also *Historical Statistics*, series G 225-233]

CLASS	1930 <sup>1</sup>	1935 <sup>1</sup>	1940	1945	1950	1954
Energy generated..... million kilowatt-hours..	91,112	95,287	141,837	222,486	329,141	471,609
<b>Sales to ultimate customers</b> ..... do.....	74,906	77,596	118,643	193,558	280,539	410,904
Residential or domestic <sup>2</sup> ..... do.....	11,018	13,978	23,318	34,184	67,030	108,465
Rural (distinct rural rates) <sup>3</sup> ..... do.....	1,473	1,211	1,991	3,668	7,400	10,176
Commercial and industrial:						
Small light and power..... do.....	13,944	13,588	22,373	30,438	50,446	73,373
Large light and power..... do.....	40,148	40,865	59,557	107,490	139,065	200,155
All other..... do.....	8,323	7,955	11,405	17,777	16,598	18,735
<b>Revenue from ultimate customers</b> ..... \$1,000.....	1,990,955	1,911,989	2,440,218	3,341,518	5,086,465	7,277,267
Residential or domestic <sup>2</sup> ..... do.....	664,441	700,358	895,951	1,167,356	1,931,696	2,920,196
Rural (distinct rural rates) <sup>3</sup> ..... do.....	24,524	21,572	49,473	90,345	157,611	216,391
Commercial and industrial:						
Small light and power..... do.....	575,598	519,213	689,253	850,213	1,333,755	1,846,634
Large light and power..... do.....	566,468	531,107	631,428	1,001,957	1,404,980	1,977,283
All other..... do.....	159,924	139,739	174,112	231,647	258,423	316,763
<b>Ultimate customers, Dec. 31</b> ..... 1,000.....	24,556	25,313	30,191	34,031	44,986	51,215
Residential or domestic <sup>2</sup> ..... do.....	20,332	21,019	24,952	28,117	37,533	43,140
Rural (distinct rural rates) <sup>3</sup> ..... do.....	199	216	686	1,234	1,596	1,638
Commercial and industrial:						
Small light and power..... do.....	3,626	3,711	4,260	4,398	5,466	5,992
Large light and power..... do.....	347	305	178	162	235	281
All other..... do.....	53	62	115	119	156	164

<sup>1</sup> See headnote. <sup>2</sup> Prior to 1940 covers residential and eastern farms. <sup>3</sup> Prior to 1940 covers western farms.

Source: Edison Electric Institute, New York, N. Y.; annual statistical bulletin.

# **No. 639.—ELECTRIC UTILITIES—BALANCE SHEET AND INCOME ACCOUNT OF PRIVATELY OWNED CLASS A AND B COMPANIES: 1937 TO 1953**

[In thousands of dollars. For years ending Dec. 31. Data cover reports of all companies having annual electric revenues in excess of \$250,000. These concerns represent approximately 98 percent of the total privately owned electric utility industry]

ITEM	1937	1940	1945	1950	1952	1953
<b>COMPOSITE BALANCE SHEET</b>						
<b>Assets and other debits, total</b>	<b>15,378,135</b>	<b>15,579,209</b>	<b>14,568,323</b>	<b>20,589,713</b>	<b>24,580,593</b>	<b>26,698,947</b>
Utility plant	13,851,583	14,406,987	14,490,782	21,440,988	25,729,340	28,645,679
Electric	9,614,616	10,447,232	12,175,986	18,955,962	22,966,950	25,597,320
Other	1,512,880	1,650,694	1,823,914	2,485,026	2,762,390	3,048,359
Unclassified	2,724,087	2,309,061	490,882	(1)	(1)	(1)
Reserve for depreciation and amortization	1,495,250	1,912,974	3,064,919	4,385,200	5,105,588	5,499,062
Utility plant less reserves	12,356,333	12,494,013	11,425,863	17,055,728	20,623,752	23,146,617
Utility plant adjustments	(2)	(2)	(2)	3 2,055	3 1,767	3 663
Investment and fund accounts	1,462,433	1,380,403	1,089,443	3 1,234,927	3 1,255,152	3 911,962
Current and accrued assets	959,076	1,122,902	1,695,721	2,058,124	2,442,594	2,377,149
Other assets	600,293	581,891	357,296	238,879	257,328	292,556
<b>Liabilities and other credits, total</b>	<b>15,378,135</b>	<b>15,579,209</b>	<b>14,568,323</b>	<b>20,589,713</b>	<b>24,580,593</b>	<b>26,698,947</b>
Capital stock	6,528,385	6,570,852	6,062,262	7,943,911	9,228,263	9,915,885
Common	4,306,364	4,392,601	3,879,314	5,046,117	5,866,874	6,226,269
Preferred	2,125,431	2,078,219	2,071,133	2,574,886	2,896,749	3,084,186
Premiums assessments, etc.	96,590	100,032	111,815	322,908	464,640	605,430
Capital surplus	223,998	256,899	239,439	323,508	523,152	335,753
Earned surplus	802,281	860,351	765,522	1,345,981	1,644,712	1,867,798
Long-term debt	6,850,195	6,895,460	6,141,453	9,188,616	10,809,393	12,040,021
Current and accrued liabilities	692,384	692,038	964,830	1,527,186	2,090,417	2,227,792
Other liabilities	280,892	303,609	394,817	260,511	284,656	311,698
<b>COMPOSITE INCOME ACCOUNT</b>						
Electric operating revenues	2,157,277	2,403,712	3,171,457	4,783,860	5,660,417	6,167,257
Electric operating revenue deductions	1,446,921	1,666,985	2,408,569	3,828,255	4,558,836	4,945,691
Operating expenses	928,629	1,013,189	1,453,615	2,454,994	2,839,367	3,060,291
Depreciation and amortization	212,865	256,396	315,858	434,434	508,039	559,680
Taxes	305,427	397,400	639,096	938,827	1,211,430	1,325,720
Net electric operating revenues	710,356	736,727	762,888	955,605	1,101,581	1,221,566
Income from electric plant leased to others	7,514	7,625	4,750	5,200	3,063	2,343
Electric utility operating income	717,870	744,352	767,638	960,805	1,104,644	1,223,909
Other utility operating income	51,095	60,536	65,082	72,273	90,823	96,597
Total utility operating income	768,965	804,888	832,720	1,033,078	1,195,467	1,320,506
Other income	70,698	68,149	54,338	68,156	70,274	48,932
Gross income	839,663	873,037	887,058	1,101,234	1,265,741	1,369,438
Income deductions	330,184	325,373	352,604	279,291	318,647	339,213
Interest on long-term debt	282,905	266,607	210,771	259,705	312,391	357,307
Other income deductions (net)	47,279	58,766	141,833	19,586	6,256	18,094
Net income	509,479	547,664	534,454	821,943	947,094	1,030,225

<sup>1</sup> Beginning 1950, limited amounts of unclassified utility plant and reserves for depreciation have been assigned to electric and other utility departments on the basis of estimates.

<sup>2</sup> Included with utility plant.

<sup>3</sup> Less reserves.

<sup>4</sup> Reverse item.

Source: Federal Power Commission; annual report, *Statistics of Electric Utilities in the United States*.

# **No. 640.—ELECTRIC UTILITY DEPRECIATION PRACTICES—RELATIONSHIP OF RESERVES AND EXPENSES TO ELECTRIC PLANT: 1937 TO 1953**

[Money figures in millions. See headnote, table 639. Excludes amounts related to other than electric facilities; covers only those utilities segregating electric plant and reserve accounts from all plant and reserve accounts]

ITEM	1937	1945	1950	1951	1952	1953
Number of utilities	121	253	249	255	288	287
Total electric plant, value	\$5,358	\$8,880	\$14,499	\$16,835	\$22,967	\$25,597
Estimated depreciable electric plant, value	(1)	\$7,928	\$12,667	\$14,930	\$20,441	\$22,833
<b>Electric depreciation reserves:</b>						
Amount	\$635	\$1,900	\$2,971	\$3,406	\$4,525	\$4,864
Ratio to total plant	percent 11.9	21.4	20.5	20.2	19.7	19.0
Ratio to depreciable plant	percent	24.0	23.5	22.8	22.1	21.3
<b>Electric depreciation expense:</b>						
Amount	\$103	\$214	\$331	\$385	\$508	\$560
Ratio to total plant	percent 1.92	2.41	2.28	2.28	2.21	2.19
Ratio to depreciable plant	percent	2.70	2.61	2.53	2.49	2.45

<sup>1</sup> Not available.

Source: Federal Power Commission; *Electric Utility Depreciation Practices, 1937-1951; Statistics of Electric Utilities in the United States, Privately owned, 1952, 1953*.



# No. 641.—CONSUMPTION OF FUELS BY ELECTRIC UTILITIES FOR PRODUCTION OF ELECTRIC ENERGY: 1920 TO 1954

[Use of fuels for stand-by purposes is included. See also *Historical Statistics*, series G 194-199]

CALENDAR YEAR	CONSUMPTION OF FUELS						Con- sump- tion of coal and coal equiva- lent of other fuels (1,000 short tons)	Out- put by fuels <sup>2</sup> (million kilo- watt- hours)	Con- sump- tion per kilo- watt- hour (pounds)
	Coal (1,000 short tons)				Fuel oil (1,000 42-gal. bbl.)	Gas (million cubic feet)			
	Total	Bitumi- nous <sup>1</sup>	Anthra- cite	Lignite <sup>1</sup>					
1920-----	31,640	30,099	1,540	-----	12,690	22,136	35,791	23,495	3.0
1925-----	35,615	33,803	1,812	-----	9,794	45,472	40,014	39,443	2.0
1930-----	40,278	38,130	2,148	-----	8,805	119,553	47,545	59,583	1.60
1935-----	32,715	30,936	1,779	-----	11,257	124,118	40,797	56,689	1.44
1940-----	51,474	47,721	2,348	1,405	16,325	180,096	62,942	93,963	1.34
1945-----	74,725	70,621	3,122	982	20,228	326,212	92,642	142,331	1.30
1946-----	72,197	67,623	3,453	1,120	36,316	306,942	93,471	144,555	1.29
1947-----	89,531	85,033	3,522	976	45,309	373,054	115,672	176,983	1.31
1948-----	99,586	94,470	3,966	1,151	42,645	478,097	130,122	199,796	1.30
1949-----	83,963	79,397	3,354	1,213	66,301	550,121	124,574	200,965	1.24
1950-----	91,871	86,855	3,609	1,407	75,420	628,919	138,421	232,813	1.19
1951-----	105,768	100,378	3,870	1,521	63,945	763,898	154,498	270,531	1.14
1952-----	107,071	101,795	3,762	1,514	67,218	910,117	160,872	293,640	1.10
1953-----	115,897	110,774	3,614	1,509	82,238	1,034,272	178,491	337,042	1.06
1954 (prel.)-----	118,411	113,677	3,037	1,697	66,768	1,163,526	180,463	364,479	0.99

<sup>1</sup> Lignite included with bituminous coal prior to 1940.

<sup>2</sup> Output by use of wood and waste not included except small amounts in 1952 to 1954.

Source: Federal Power Commission; annual report, *Consumption of Fuel for Production of Electric Energy*; also, related monthly reports.

## No. 642.—FARM ELECTRIFICATION: 1930 TO 1954

ITEM	1930	1940	1945	1950 <sup>1</sup>	1952	1953	1954
Total number of farms <sup>2</sup> .....	6,288,648	6,096,799	5,859,169	5,382,162	-----	-----	-----
Total number of farms served, Dec. 31.....	649,900	2,050,000	2,929,000	4,424,000	4,874,000	4,992,000	5,079,000
By private companies.....	-----	1,448,500	1,707,100	1,998,000	2,117,000	2,158,000	2,194,000
By public authorities, total.....	-----	601,500	1,221,900	2,426,000	2,757,000	2,834,000	2,885,000
By REA cooperatives <sup>3</sup> .....	-----	517,500	1,051,000	2,168,000	2,475,000	2,544,000	2,592,000
Other public <sup>4</sup> .....	-----	84,000	170,900	258,000	282,000	290,000	293,000
EASTERN FARMS <sup>5</sup>							
Number of customers (farms served), average.....	423,393	1,431,028	2,160,265	3,288,009	3,683,000	3,808,000	3,882,000
Sales, kilowatt-hours.....1,000.....	315,597	1,535,350	3,394,000	7,677,000	10,547,000	11,439,000	12,600,000
Revenue.....\$1,000.....	22.166	66,525	124,309	244,136	317,869	335,625	358,907
Kilowatt-hours per customer.....	745	1,073	1,571	2,335	2,864	3,004	3,246
Annual bill, average.....	\$52.37	\$46.46	\$57.50	\$74.25	\$86.21	\$88.02	\$92.51
Revenue per kilowatt-hour.....cents.....	7.03	4.33	3.66	3.18	3.01	2.93	2.85
WESTERN FARMS <sup>5</sup>							
Number of customers (farms served), average.....	189,661	413,989	637,600	958,000	1,077,000	1,119,000	1,147,000
Sales, kilowatt-hours.....1,000.....	1,473,195	1,820,000	2,514,000	4,632,000	6,932,000	8,029,000	8,236,000
Revenue.....\$1,000.....	24.524	35,500	52,595	88,470	123,983	144,233	150,138
Kilowatt-hours per customer.....	7,768	4,396	3,943	4,833	6,439	7,172	7,180
Annual bill, average.....	\$128.95	\$85.72	\$82.41	\$92.31	\$115.26	\$129.10	\$130.68
Revenue per kilowatt-hour.....cents.....	1.66	1.95	2.09	1.91	1.79	1.80	1.82

<sup>1</sup> Beginning 1950, data reflect change in Census definition of farm, which tends to decrease number of farms.

<sup>2</sup> Census figures; relate to Apr. 1 for 1930, 1940, and 1950 and Jan. 1 for 1945.

<sup>3</sup> Represents cooperatives only and excludes customers of all other agencies (companies and municipals) financed in whole or in part by REA.

<sup>4</sup> Customers served by municipal systems and various power districts not financed by REA.

<sup>5</sup> "Eastern farms" are those located in the area not affected by heavy irrigation pumping and their statistics are a measure of use of electricity on the average farm. "Western farms" are those where irrigation may be involved. Possibly less than one-fifth of farms in irrigation States do actual pumping, but statistics are not available to make a more accurate separation. Figures for "Western farms," therefore, are more a reflection of fluctuation in the energy used than they are of the conventional farm requirements.

Source: Edison Electric Institute, New York, N. Y.; annual statistical bulletin.

# No. 643.—RURAL ELECTRIFICATION ADMINISTRATION—SUMMARY OF OPERATIONS: 1935 TO 1954

YEAR	LOANS APPROVED, CUMULATIVE AS OF DEC. 31 <sup>1</sup>		SYSTEMS IN OPERATION, DEC. 31			BORROWERS' OPERATIONS DURING YEAR			
	Bor- row- ers <sup>2</sup>	Amount	Sys- tems <sup>3</sup>	Miles ener- gized <sup>4</sup>	Con- sumers connected	Energy generated	Energy purchased	Energy distrib- uted	Revenue
	Number	\$1,000	Number	Miles	Number	1,000 kwh	1,000 kwh	1,000 kwh	\$1,000
1935-----		6,977	2	0	0				
1940-----	791	351,455	685	267,846	674,495	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1944-----	904	517,700	826	410,471	1,216,798	213,462	2,105,332	1,925,734	64,043
1945-----	961	666,954	848	449,579	1,408,918	258,397	2,344,550	2,136,384	73,607
1946-----	1,009	958,009	869	506,838	1,683,901	319,913	2,730,265	2,477,509	89,948
1947-----	1,029	1,190,527	911	603,064	2,046,095	33,282	3,720,705	3,398,290	114,998
1948-----	1,044	1,574,924	952	759,494	2,518,450	718,283	5,018,725	4,757,051	151,674
1949-----	1,066	1,999,280	995	943,385	3,040,425	903,412	6,541,739	6,227,471	197,029
1950-----	1,076	2,311,637	1,007	1,088,777	3,413,407	1,076,946	8,164,801	7,778,735	241,373
1951-----	1,076	2,484,444	1,016	1,178,515	3,665,966	1,412,640	9,999,422	9,738,486	285,141
1952-----	1,081	2,668,946	1,020	1,244,645	3,858,396	1,639,848	11,757,007	11,534,359	323,575
1953-----	1,078	2,778,136	1,022	1,297,264	4,024,826	2,103,446	13,737,814	13,755,494	366,428
1954 <sup>6</sup> -----	1,075	2,946,228	1,026	1,331,800	4,165,219	2,719,644	16,057,924	16,467,087	412,860

<sup>1</sup> Net; i. e., excludes loans rescinded. For years prior to 1948, includes amounts not yet under loan contract.

<sup>2</sup> Organizations, mainly cooperatives, to which loans for extending central station electric service in rural areas are made.

<sup>3</sup> Rural electric distribution, generation, and transmission systems operated by REA borrowers.

<sup>4</sup> Pole miles of electric distribution and transmission line in service. <sup>5</sup> Not available. <sup>6</sup> Preliminary.

Source: Department of Agriculture, Rural Electrification Administration; *Agricultural Statistics*.

# No. 644.—GAS UTILITY INDUSTRY—CUSTOMERS AND REVENUES, BY CLASS OF SERVICE: 1932 TO 1954

[Covers natural, manufactured, mixed, and liquid petroleum gas. Based on questionnaire mailed to all privately owned gas utilities and municipally owned gas departments in the United States, except those with annual revenues less than \$25,000, which in the aggregate account for only a negligible portion of the industry]

YEAR	CUSTOMERS (1,000) <sup>1</sup>					REVENUES (\$1,000) <sup>2</sup>				
	Total	Residen- tial	Com- mercial	Indus- trial	Other	Total	Residen- tial	Com- mercial	Indus- trial	Other
1932-----	15,532	14,452	999	73	8	723,228	537,146	92,897	90,674	2,601
1935-----	15,819	14,725	1,014	72	8	726,809	503,111	90,815	130,453	2,430
1936-----	16,170	15,026	1,058	77	9	770,129	516,049	97,318	151,474	5,288
1937-----	16,605	15,466	1,056	74	9	801,939	528,297	99,768	167,073	6,801
1938-----	16,876	15,697	1,094	75	10	777,167	522,593	101,061	144,902	8,611
1939-----	17,128	15,926	1,121	73	8	814,156	537,565	105,240	164,921	6,430
1940-----	17,600	16,381	1,138	73	8	871,682	573,319	111,964	181,852	4,547
1941-----	18,126	16,904	1,137	78	7	914,036	574,842	114,323	219,805	5,066
1942-----	18,734	17,511	1,137	78	8	994,318	622,670	127,039	237,517	7,092
1943-----	19,064	17,838	1,141	77	8	1,064,044	647,558	127,523	277,496	11,462
1944-----	19,585	18,320	1,177	82	6	1,108,162	666,734	133,120	293,315	14,993
1945-----	19,977	18,607	1,278	80	12	1,152,807	705,211	148,597	280,908	18,091
1946-----	20,636	19,157	1,377	87	15	1,212,565	754,073	160,932	284,317	13,193
1947-----	21,416	19,835	1,474	91	16	1,395,616	861,558	190,759	325,642	17,657
1948-----	22,245	20,562	1,571	94	18	1,579,462	957,925	220,906	377,408	23,223
1949-----	23,035	21,264	1,657	97	17	1,688,595	1,031,293	238,077	395,559	23,666
1950-----	24,001	22,146	1,739	100	16	1,948,002	1,177,070	265,571	479,610	25,751
1951-----	24,953	23,042	1,787	101	23	2,228,109	1,334,967	294,435	557,068	41,639
1952-----	25,850	23,852	1,869	104	25	2,467,284	1,456,718	321,309	639,236	50,021
1953-----	26,708	24,650	1,926	107	25	2,719,259	1,574,757	339,013	739,409	66,080
1954-----	27,528	25,398	1,991	112	28	3,052,144	1,782,670	377,749	820,515	71,210

<sup>1</sup> Yearly averages.

<sup>2</sup> Excludes revenues from sales for resale.

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.



**No. 645.—GAS UTILITY INDUSTRY—CUSTOMERS AND REVENUES, BY TYPE OF GAS, CLASS OF SERVICE, AND STATES: 1953**

[See headnote, table 644]

TYPE OF GAS, DIVISION, AND STATE	CUSTOMERS (1,000) <sup>1</sup>					REVENUES (\$1,000)				
	Total	Residential	Commercial	Industrial	Other	Total	Residential	Commercial	Industrial	Other
<b>United States, all types</b> .....	26,707.9	24,649.9	1,926.1	106.5	25.4	2,719,259	1,574,757	339,013	739,409	66,080
Natural gas.....	19,959.2	18,386.2	1,476.7	73.6	22.7	2,250,120	1,239,524	265,604	682,136	62,856
Manufactured gas.....	2,795.2	2,564.7	216.2	12.1	2.2	178,417	119,937	36,206	19,760	2,514
Mixed gas.....	3,653.6	3,424.1	208.7	20.4	0.4	269,237	199,737	32,163	36,744	593
Liquefied petroleum gas.....	299.9	274.9	24.5	0.4	0.1	21,485	15,559	5,040	769	117
<b>New England</b> .....	1,651.1	1,562.8	80.1	7.3	0.9	117,917	88,142	15,778	13,375	622
Connecticut.....	372.0	351.3	18.7	1.9	0.1	29,352	21,061	3,899	4,316	76
Maine.....	38.5	36.3	2.1	0.1	(2)	2,848	2,153	465	229	1
Massachusetts.....	1,015.3	959.4	50.8	4.5	0.6	70,715	53,703	9,150	7,463	399
New Hampshire.....	36.9	34.5	2.1	0.2	0.1	2,555	1,845	451	233	26
Rhode Island.....	166.0	159.9	5.4	0.6	0.1	11,185	8,427	1,585	1,056	117
Vermont.....	22.4	21.4	1.0	(2)	(2)	1,262	953	228	78	3
<b>Middle Atlantic</b> .....	7,020.3	6,501.0	483.7	29.4	6.2	569,589	390,842	76,729	97,348	4,670
New Jersey.....	1,297.8	1,201.4	90.9	5.5	(2)	86,618	64,028	13,534	8,850	206
New York.....	3,714.9	3,425.7	269.5	15.3	4.4	255,996	184,313	41,674	26,803	3,206
Pennsylvania.....	2,007.6	1,873.9	123.3	8.6	1.8	226,975	142,501	21,521	61,695	1,258
<b>East North Central</b> .....	5,962.6	5,577.5	355.5	23.0	6.6	667,823	415,208	72,618	176,110	3,887
Illinois.....	1,855.4	1,745.2	97.9	11.3	1.0	176,461	103,406	17,163	55,477	415
Indiana.....	635.5	592.4	40.1	1.9	1.1	68,605	37,963	7,597	22,510	535
Michigan.....	1,215.9	1,146.3	65.5	3.8	0.3	143,350	101,733	14,026	27,437	154
Ohio.....	1,792.4	1,656.3	127.9	4.0	4.2	235,451	140,681	28,690	64,071	2,009
Wisconsin.....	463.4	437.3	24.1	2.0	(2)	43,956	31,425	5,142	6,615	774
<b>West North Central</b> .....	2,095.8	1,923.2	162.7	9.5	0.4	269,558	150,551	32,675	81,273	5,059
Iowa.....	322.5	293.8	28.0	0.7	(2)	39,675	22,951	6,351	10,361	12
Kansas.....	440.9	396.3	42.4	2.1	0.1	58,990	26,705	6,376	23,666	2,243
Minnesota.....	381.9	359.2	20.9	1.8	(2)	49,982	30,710	4,452	14,607	213
Missouri.....	659.4	612.2	44.1	3.0	0.1	77,453	47,691	8,760	20,557	445
Nebraska.....	218.7	196.3	20.4	1.8	0.2	33,536	17,164	4,415	9,957	2,000
North Dakota.....	29.4	26.8	2.6	(2)	(2)	2,835	1,889	764	124	58
South Dakota.....	43.0	38.6	4.3	0.1	(2)	7,087	3,441	1,557	2,001	88
<b>South Atlantic</b> .....	1,855.0	1,704.1	140.0	5.1	5.8	194,887	114,246	27,282	49,350	4,009
Delaware.....	54.3	51.1	3.1	0.1	(2)	4,008	3,166	556	280	6
District of Columbia.....	181.7	165.5	14.4	0.7	1.1	17,216	13,085	3,296	350	485
Florida.....	181.4	169.2	11.1	0.2	0.9	16,433	9,268	3,779	2,627	759
Georgia.....	300.3	271.6	26.4	2.2	0.1	41,301	18,284	4,399	18,195	423
Maryland.....	441.0	411.6	28.3	0.7	0.4	37,183	28,038	4,497	4,374	274
North Carolina.....	71.0	63.0	6.8	0.1	1.1	7,118	3,840	1,830	1,074	374
South Carolina.....	46.1	41.1	5.0	(2)	(2)	5,932	2,694	1,188	1,997	53
Virginia.....	264.5	245.0	18.2	0.5	0.8	26,379	17,043	3,573	5,121	642
West Virginia.....	314.7	286.0	26.7	0.6	1.4	39,317	18,828	4,164	15,332	993
<b>East South Central</b> .....	965.0	867.6	93.0	3.1	1.3	141,578	61,206	18,268	53,370	8,740
Alabama.....	251.8	231.3	20.0	0.4	0.1	42,785	15,712	3,827	22,672	574
Kentucky.....	311.0	281.1	28.4	0.7	0.8	33,478	20,457	4,371	7,927	723
Mississippi.....	192.6	169.8	21.3	1.3	0.2	25,904	10,311	3,366	11,579	648
Tennessee.....	209.6	185.4	23.3	0.7	0.2	39,411	14,720	6,704	11,192	6,795
<b>West South Central</b> .....	2,879.7	2,589.5	270.9	16.3	3.0	322,723	123,948	32,131	152,804	13,840
Arkansas.....	209.9	182.1	26.3	1.5	(2)	29,562	9,684	3,466	16,012	400
Louisiana.....	486.2	444.8	38.1	2.7	0.6	64,335	17,983	3,336	41,720	1,296
Oklahoma.....	499.7	446.0	49.5	3.2	1.0	47,314	24,163	6,538	15,663	950
Texas.....	1,683.9	1,516.6	157.0	8.9	1.4	181,512	72,118	18,791	79,409	11,194
<b>Mountain</b> .....	783.9	699.0	80.6	3.1	1.2	111,802	51,632	18,374	36,136	5,660
Arizona.....	177.0	158.4	17.5	0.9	0.2	23,909	8,833	3,074	11,847	155
Colorado.....	253.3	224.1	28.8	0.4	(2)	36,093	17,615	7,881	7,925	2,672
Idaho.....	0.5	0.4	0.1	-----	-----	55	30	25	-----	-----
Montana.....	86.9	77.2	9.2	0.4	0.1	12,847	6,428	2,649	3,354	416
Nevada.....	6.2	5.5	0.7	(2)	(2)	816	522	273	6	15
New Mexico.....	115.4	103.5	10.8	0.5	0.6	18,002	7,447	2,288	6,024	2,243
Utah.....	94.7	86.0	8.1	0.6	-----	13,061	6,866	849	5,346	-----
Wyoming.....	49.9	43.9	5.4	0.3	0.3	7,019	3,891	1,335	1,634	159
<b>Pacific</b> .....	3,494.5	3,225.2	259.6	9.7	(2)	323,382	178,988	45,158	79,643	19,593
California.....	3,326.2	3,076.9	240.4	8.9	(2)	305,953	167,264	40,151	78,965	19,573
Oregon.....	96.3	86.7	9.1	0.5	(2)	9,714	6,955	2,383	371	5
Washington.....	72.0	61.6	10.1	0.3	(2)	7,715	4,769	2,624	307	15

<sup>1</sup> Averages for the year.

<sup>2</sup> Less than 50 customers.

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.

No. 646.—GAS UTILITY INDUSTRY—CUSTOMERS, SALES, AND REVENUES, BY TYPE OF GAS: 1953 AND 1954

[See headnote, table 644]

TYPE OF GAS	CUSTOMERS (1,000) <sup>1</sup>			SALES (1,000,000 therms)			REVENUES (\$1,000)		
	1953	1954	Percent change	1953	1954	Percent change	1953	1954	Percent change
All types-----	26, 708	27, 528	+3. 1	56, 467	61, 428	+8. 8	2, 719, 259	3, 052, 144	+12. 3
Natural gas-----	19, 959	21, 398	+7. 2	53, 194	58, 014	+9. 1	2, 250, 120	2, 576, 310	+14. 5
Manufactured gas-----	2, 795	1, 769	-36. 9	837	542	-35. 3	178, 417	111, 004	-38. 0
Mixed gas-----	3, 654	4, 094	+12. 0	2, 352	2, 792	+18. 8	269, 237	344, 718	+28. 0
Liquefied petroleum gas--	300	267	-8. 8	84	80	-3. 6	21, 485	20, 112	-3. 7

<sup>1</sup> Yearly averages.

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.

No. 647.—GAS UTILITY AND PIPELINE INDUSTRY—COMPOSITE INCOME ACCOUNTS: 1945 TO 1953

[In millions of dollars]

ITEM	1945	1946	1947	1948	1949	1950	1951	1952	1953
Operating revenues-----	1, 414	1, 523	1, 760	2, 042	2, 227	2, 634	3, 110	3, 571	4, 130
Operating revenue deductions-----	1, 170	1, 266	1, 516	1, 771	1, 914	2, 254	2, 675	3, 105	3, 590
Operating expenses-----	780	922	1, 161	1, 378	1, 493	1, 733	2, 015	2, 366	2, 772
Depreciation, retirements, depletion, etc.	141	134	133	147	162	181	218	253	293
Federal taxes-----	249	105	109	120	118	183	269	291	312
Other taxes-----		105	113	126	141	157	173	195	213
Net operating revenues-----	244	257	244	271	313	380	435	466	540
Income from utility plant leased to others-----	1 5	1 4	(2)	(2)	(2)	1	2	2	3
Rent for lease of utility plant-----		(2)	(2)	(2)	(2)	(3)	(2)	(2)	(2)
Utility operating income-----	239	253	244	271	313	381	437	468	543
Other income (nonoperating)-----	11	16	35	28	29	35	29	34	30
Gross income-----	250	269	279	299	342	416	466	502	573
Income deductions-----	83	66	61	71	82	90	119	141	180
Interest on long-term debt-----	60	53	52	61	77	94	116	136	169
Other income deductions (net)-----	23	13	9	10	5	1 4	3	5	11
Net income-----	167	203	218	228	260	326	347	361	393

<sup>1</sup> Reverse item.

<sup>2</sup> Less than \$500,000.

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.

No. 648.—ESTIMATES OF NATURAL GAS RESERVES: 1945 TO 1954

[In millions of cubic feet. Volumes calculated at a pressure base of 14.65 p.s.i., absolute, and at a standard temperature of 60° F]

YEAR	NATURAL GAS ADDED DURING YEAR			Net increase in under-ground storage	Net production during year	Estimated proved reserves as of end of year	Increase over previous year
	Total	Extensions and revisions	Discoveries of new fields and new pools in old fields				
1945-----						147, 789, 367	
1946-----	17, 729, 152	(1)	(1)	(1)	4, 942, 617	160, 575, 901	12, 786, 535
1947-----	10, 980, 824	7, 570, 654	3, 410, 170	(1)	5, 629, 811	165, 926, 914	5, 351, 013
1948-----	13, 898, 572	9, 769, 483	4, 129, 089		6, 007, 628	173, 869, 340	7, 942, 426
1949-----	12, 674, 299	8, 061, 429	4, 612, 870	51, 482	6, 245, 041	180, 381, 344	6, 512, 004
1950-----	12, 049, 732	9, 172, 381	2, 877, 351	54, 301	6, 892, 678	185, 592, 699	5, 211, 355
1951-----	16, 052, 991	13, 013, 606	3, 039, 385	132, 751	7, 966, 941	193, 811, 500	8, 218, 801
1952-----	14, 345, 513	8, 934, 470	5, 411, 043	198, 850	8, 639, 638	199, 716, 225	5, 904, 725
1953-----	20, 453, 016	13, 371, 355	7, 081, 661	<sup>2</sup> 516, 431	9, 238, 540	211, 447, 132	11, 730, 907
1954-----	9, 599, 203	4, 632, 309	4, 966, 894	90, 906	9, 426, 509	211, 710, 732	263, 690

<sup>1</sup> Not estimated separately.

<sup>2</sup> Includes all native gas in storage reservoirs formerly classified as a natural gas reserve.

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.



## No. 649.—WATER POWER—DEVELOPED, 1920 TO 1953, AND ESTIMATED UNDEVELOPED, 1953, BY STATES

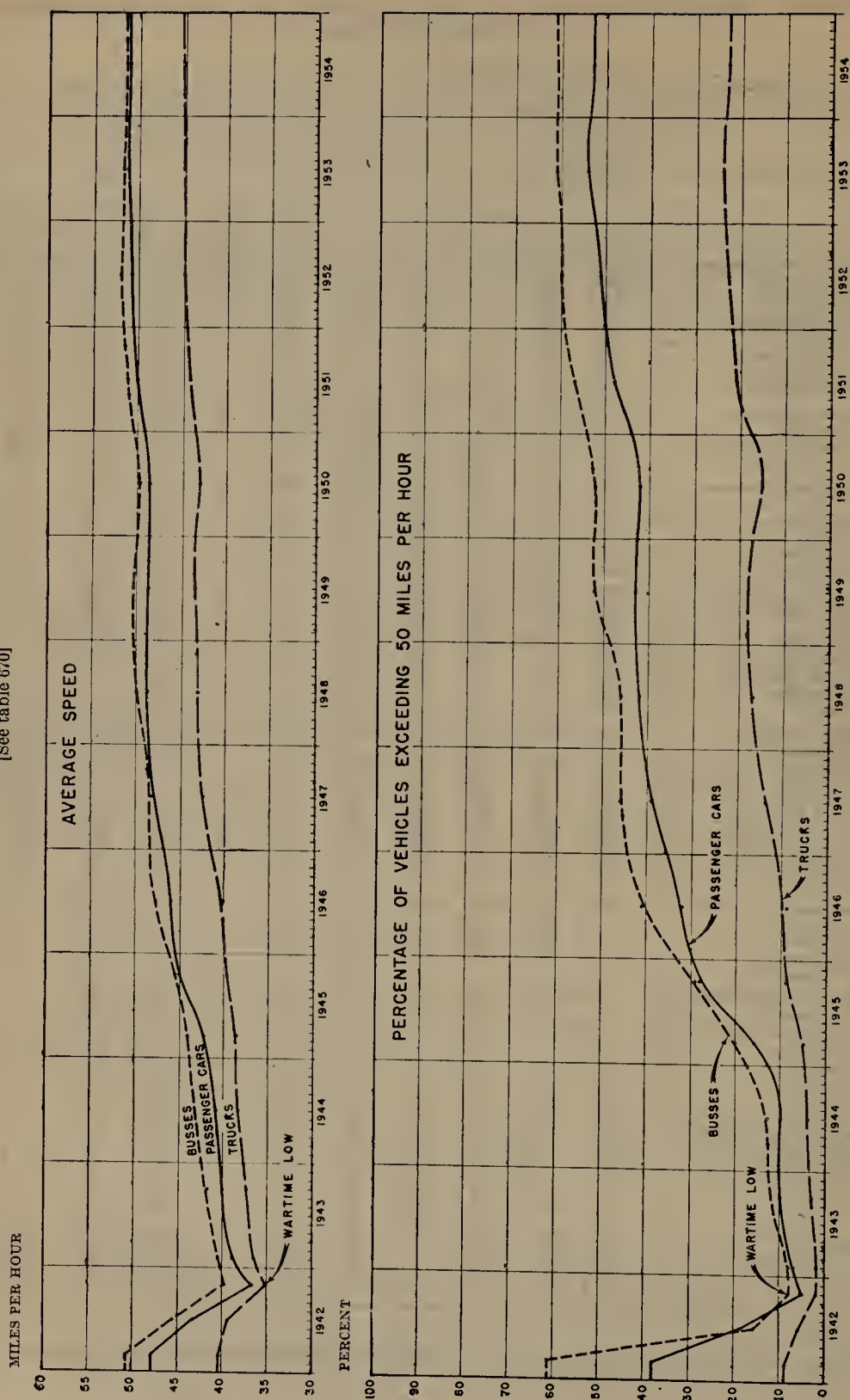
[In thousands of kilowatts. As of December 31]

DIVISION AND STATE	DEVELOPED WATER POWER (capacity of actual installations only)									Estimated undeveloped water power, 1953	
	Electric utilities only		Electric utilities and industrial plants								
			1939		1950			1953			
	1920	1930	Total	Utilities	Total	Utilities	Industrial	Total	Utilities		Industrial
United States	3,704	8,585	12,075	11,004	18,675	17,675	1,000	23,054	22,045	1,009	85,553
New England	291	753	1,115	833	1,239	971	268	1,282	996	286	3,122
Maine	40	174	301	188	391	270	121	418	269	149	1,501
New Hampshire	43	212	292	235	312	262	50	311	262	49	681
Vermont	49	156	173	158	192	177	15	198	184	14	528
Massachusetts	114	129	228	161	223	168	55	233	182	51	286
Rhode Island	2	2	14	3	11	3	8	7	2	5	-----
Connecticut	44	79	107	88	107	89	18	113	96	17	121
Middle Atlantic	662	1,290	1,633	1,563	1,678	1,602	76	1,704	1,625	79	6,449
New York	540	1,074	1,229	1,165	1,225	1,155	70	1,254	1,181	73	3,073
New Jersey	1	1	6	3	9	6	3	9	6	3	225
Pennsylvania	120	215	399	395	444	441	3	442	438	4	3,142
East North Central	372	602	790	703	901	828	73	938	875	63	3,079
Ohio	17	13	16	12	16	12	4	14	11	3	525
Indiana	11	35	38	35	37	37	-----	35	35	-----	668
Illinois	43	50	51	49	54	49	5	53	48	5	1,209
Michigan	167	258	368	344	399	384	15	421	414	7	359
Wisconsin	134	247	318	263	396	347	49	416	368	48	318
West North Central	257	279	537	501	629	577	52	682	631	51	6,333
Minnesota	88	122	158	126	181	138	43	187	144	43	227
Iowa	138	124	127	127	137	137	-----	140	140	-----	403
Missouri	12	13	151	151	151	151	-----	194	194	-----	2,910
North Dakota	-----	-----	(1)	-----	-----	-----	-----	-----	-----	-----	599
South Dakota	5	4	4	4	11	3	8	13	5	8	1,223
Nebraska	7	11	87	86	142	142	(1)	141	141	(1)	681
Kansas	7	6	9	7	6	6	-----	6	6	-----	290
South Atlantic	589	1,603	2,224	1,803	2,767	2,297	470	3,212	2,744	468	8,281
Delaware	-----	-----	(1)	-----	1	-----	1	1	-----	1	360
Maryland	1	272	273	271	272	271	1	272	271	1	-----
District of Columbia	-----	2	3	2	3	3	-----	3	3	-----	-----
Virginia	45	83	204	182	207	183	24	421	398	23	1,213
West Virginia	9	56	209	101	208	101	107	208	101	107	2,324
North Carolina	144	397	651	400	962	662	300	967	668	299	1,234
South Carolina	231	506	520	495	679	653	26	838	813	25	1,142
Georgia	155	271	349	337	425	412	13	489	477	12	1,918
Florida	4	14	14	14	13	13	-----	13	13	-----	90
East South Central	170	863	1,270	1,140	2,729	2,721	8	3,532	3,524	8	3,997
Kentucky	-----	105	111	111	271	271	-----	541	541	-----	1,409
Tennessee	97	127	432	310	1,238	1,238	-----	1,692	1,692	-----	533
Alabama	72	632	727	719	1,220	1,212	8	1,299	1,291	8	1,645
Mississippi	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	410
West South Central	4	19	140	139	466	463	3	842	839	3	3,467
Arkansas	1	11	67	67	148	145	3	316	313	3	1,574
Louisiana	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	50
Oklahoma	1	2	2	2	74	74	-----	166	166	-----	911
Texas	2	6	71	71	245	245	(1)	359	359	(1)	932
Mountain	487	784	1,583	1,581	2,286	2,282	4	3,438	3,434	4	21,618
Montana	212	300	321	321	427	426	1	763	762	1	6,137
Idaho	135	225	257	257	441	440	1	737	736	1	7,994
Wyoming	2	12	47	47	79	79	-----	107	107	-----	956
Colorado	48	52	67	66	92	91	1	144	143	1	1,705
New Mexico	1	1	1	1	25	25	-----	25	25	-----	209
Arizona	23	87	293	293	541	541	-----	980	980	-----	3,291
Utah	58	98	93	92	94	94	-----	95	95	-----	1,215
Nevada	9	9	505	504	587	586	1	587	586	1	111
Pacific	872	2,391	2,783	2,741	5,979	5,933	46	7,425	7,378	47	29,216
Washington	241	596	812	784	2,591	2,564	27	3,440	3,411	29	15,350
Oregon	65	156	286	278	783	766	17	1,116	1,100	16	6,109
California	566	1,640	1,685	1,680	2,606	2,604	2	2,868	2,866	2	7,757

<sup>1</sup> Less than 500.Source: Federal Power Commission. Developed water power published in annual report, *Production of Electric Energy and Capacity of Generating Plants*.

FIG. XLL.—SPEED OF MOTOR VEHICLES: 1942 TO 1954

[See table 670]



Source: Department of Commerce, Bureau of Public Roads.



## 20. Roads and Motor Vehicles

Federal Government statistics on public roads are compiled and published by the Bureau of Public Roads of the Department of Commerce. Since 1945, such data have been published annually in *Highway Statistics*. For statistics to 1945, the same Bureau's publication, *Highway Statistics, Summary to 1945*, shows available public roads data carried back over periods ranging from 20 to 50 years.

The first road mileage survey was made in 1904. Data for 1904 and other road mileage surveys made in 1909, 1914, and 1921 appear in Department of Agriculture Bulletin 1279, *Rural Highway Mileage, Income, and Expenditures, 1921-22*.

**Rural and other roads.**—The term "rural" as used here may be roughly defined as the area which lies outside of communities having 2,500 inhabitants or more. "Urban extensions" are continuations of designated State-system roads in or through cities or towns of 2,500 inhabitants or more. "County and other local roads" are rural roads over which the State exercises no direct control.

**Highway systems.**—The Congress has authorized two Federal-aid systems, for highway financing, to be selected cooperatively by the States, local governments and the Bureau of Public Roads.

The Federal-Aid Highway Act of 1916 provides for the sharing of highway construction costs between the States and the Federal Government under standards mutually approved and with the initiative retained by each State for choosing projects and carrying them out. The planning and development of Federal-aid systems began in 1921. Federal funds share with State funds in costs of engineering, construction, and right-of-way acquisition on the designated systems while other charges, such as maintenance and policing, are borne entirely by the States and local agencies.

The Federal-aid primary system connects all of the principal cities, county seats, ports, manufacturing areas, and other traffic generating areas. In general, these are at the same time the main State trunkline roads. Certain sections of the primary system are more important than others from the viewpoint of national interest. Consequently, in 1944, the Congress authorized the creation of the national system of interstate highways, not to exceed 40,000 miles in length.

The Federal-aid secondary system, approved by Congress in 1944, commonly referred to as the farm-to-market system, consists of important feeder roads linking the farms, factories, distribution outlets, and smaller communities with the primary system.

**Motor vehicles and fuel.**—Motor-vehicle production data are compiled by the Automobile Manufacturers Association and published in their annual report, *Automobile Facts and Figures*. The Bureau of the Census compiles and publishes statistics on the motor-vehicles and equipment industry which are published in the Census of Manufactures reports and are also included in section 30, Manufactures, in this volume.

Motor-vehicle registration figures are based on reports and records of State motor-vehicle registration departments. The statistics are compiled and published by the Bureau of Public Roads in the annual report, *Highway Statistics*. The same report also includes statistics on motor fuel consumption.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series K 177-181") provide cross-references, where applicable, to *Historical Statistics of the United States, 1739-1945*. See preface.

**Note.**—This section presents data for the most recent year or period available on April 8, 1955, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

No. 650.—RURAL ROADS IN THE UNITED STATES—APPROXIMATE MILEAGE:  
1921 TO 1953

[In thousands of miles. Rural roads comprise roads outside incorporated areas and certain of the more populous unincorporated areas. Figures cover continental U. S. and refer to existing mileage at end of calendar year. See also *Historical Statistics*, series K 177-181]

TYPE AND CONTROL	1921	1925	1930	1935	1940	1945	1950	1951	1952	1953
<b>All rural roads, total</b> -----	2,925	3,006	3,009	3,032	2,990	3,012	2,990	2,987	2,993	3,012
Primary State highways-----				332	329	339	363	367	371	377
Secondary State highways-----	203	275	324	58	81	84	88	92	93	87
County roads under State control-----				115	114	118	122	125	126	127
County and local roads <sup>1</sup> -----	2,722	2,731	2,685	2,527	2,466	2,471	2,417	2,403	2,403	2,421
<b>Surfaced rural roads, total</b> -----	387	521	694	1,063	1,340	1,495	1,679	1,723	1,782	1,855
Primary State highways-----				280	302	316	351	356	361	369
Secondary State highways-----	84	145	227	39	65	71	73	78	81	79
County roads under State control-----				38	55	63	83	88	94	98
County and local roads <sup>1</sup> -----	303	376	467	706	918	1,045	1,172	1,201	1,246	1,309
<b>Nonsurfaced rural roads, total <sup>2</sup></b> -----	2,538	2,485	2,315	1,969	1,650	1,517	1,311	1,264	1,211	1,157
Primary State highways-----				52	27	23	12	11	10	8
Secondary State highways-----	119	130	97	19	16	13	15	14	12	8
County roads under State control-----				77	59	55	39	37	32	29
County and local roads <sup>1, 2</sup> -----	2,419	2,355	2,218	1,821	1,548	1,426	1,245	1,202	1,157	1,112

<sup>1</sup> Includes mileage in national and State parks, forests, reservations, etc., not included as part of State or local systems. <sup>2</sup> Includes mileage not classified by type of surface.

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics, Summary to 1945*, and subsequent annual reports.

No. 651.—EXISTING RURAL AND MUNICIPAL MILEAGE, BY GOVERNMENTAL CONTROL:  
1930 TO 1953

[In thousands]

GOVERNMENTAL CONTROL	1930	1935	1940	1945	1947	1948	1949	1950	1951	1952	1953
<b>Total mileage</b> -----				3,319	3,326	3,323	3,322	3,313	3,326	3,343	3,366
Rural mileage-----	3,009	3,032	2,990	3,012	3,010	3,007	3,003	2,990	2,987	2,993	3,012
Under State control-----	324	505	524	544	554	564	572	581	592	599	600
Under local control-----											
Under Federal control-----	2,685	2,527	2,466	2,398	2,384	2,373	2,361	2,336	2,321	2,318	2,322
Municipal mileage-----	(1)			70	72	70	70	73	74	76	90
Under State control-----	(1)			307	316	316	319	323	339	350	354
Under local control-----	(1)	18	27	33	31	32	33	36	37	38	39
	(1)	(1)	(1)	274	285	284	286	287	302	312	315

<sup>1</sup> Data not available.

Source: Department of Commerce, Bureau of Public Roads; annual releases.



**No. 652.—EXISTING RURAL AND MUNICIPAL ROAD MILEAGE, BY TYPE AND GOVERNMENTAL CONTROL OF RURAL MILEAGE, BY STATES: DEC. 31, 1953**

[Rural roads comprise roads outside incorporated areas and certain of the more populous unincorporated areas. Compiled for latest available year from reports of State authorities and planning survey data]

STATE	Total rural and municipal	Municipal	RURAL					
			Total	Type		Governmental control		
				Surfaced	Nonsurfaced	State <sup>1</sup>	Local	Federal <sup>2</sup>
<b>United States</b> .....	3,366,190	353,670	3,012,520	1,855,444	1,157,076	600,518	2,322,012	89,990
Alabama.....	67,778	7,187	60,591	43,104	17,487	<sup>3</sup> 11,193	49,398	-----
Arizona.....	30,372	1,724	28,648	10,994	17,654	3,862	16,306	8,480
Arkansas.....	71,280	4,767	66,513	32,092	34,421	9,453	55,993	1,067
California.....	137,652	24,553	113,099	69,257	43,842	12,643	81,188	19,268
Colorado.....	74,364	4,592	69,772	22,238	47,534	7,531	61,453	783
Connecticut.....	15,277	4,798	10,479	10,204	275	2,550	7,929	-----
Delaware.....	4,415	573	3,842	3,162	680	<sup>3</sup> 3,842	-----	-----
Dist. of Columbia.....	1,189	1,189	-----	-----	-----	-----	-----	-----
Florida.....	55,225	12,672	42,553	21,730	20,823	10,498	30,929	1,126
Georgia.....	92,466	9,335	83,131	31,060	52,071	13,559	69,516	56
Idaho.....	42,381	2,269	40,112	21,169	18,943	4,538	27,183	8,391
Illinois.....	123,023	19,161	103,862	91,642	12,220	10,471	<sup>4</sup> 93,391	-----
Indiana.....	97,454	11,971	85,483	76,853	8,630	9,753	75,730	-----
Iowa.....	112,173	11,206	100,967	77,346	23,621	8,799	92,168	-----
Kansas.....	133,019	7,459	125,560	56,562	68,998	9,425	116,123	12
Kentucky.....	63,509	3,401	60,108	38,982	21,126	16,311	43,470	327
Louisiana.....	46,581	6,611	39,970	25,609	14,361	<sup>3</sup> 14,063	25,907	-----
Maine.....	20,562	1,618	18,944	18,908	36	<sup>3</sup> 10,716	8,139	89
Maryland.....	19,675	2,802	16,873	15,140	1,733	4,546	12,327	-----
Massachusetts.....	24,506	6,480	18,026	17,023	1,003	2,101	15,925	-----
Michigan.....	107,073	14,122	92,951	67,824	25,127	8,271	84,680	-----
Minnesota.....	122,523	11,944	110,579	89,440	21,139	11,620	<sup>4</sup> 97,532	1,427
Mississippi.....	66,278	4,093	62,185	39,566	22,619	7,240	53,916	1,029
Missouri.....	111,158	11,676	99,482	78,714	20,768	20,164	78,230	1,088
Montana.....	71,520	1,732	69,788	21,005	48,783	<sup>3</sup> 8,919	54,170	6,699
Nebraska.....	105,341	5,458	99,883	37,210	62,673	9,450	90,174	259
Nevada.....	26,123	578	25,545	6,693	18,852	5,867	19,678	-----
New Hampshire.....	13,654	1,280	12,374	9,339	3,035	3,661	8,585	128
New Jersey.....	28,841	11,706	17,135	13,808	3,327	1,811	15,324	-----
New Mexico.....	62,568	1,905	60,663	10,119	50,544	10,685	45,820	4,158
New York.....	103,327	16,937	86,390	86,357	33	13,559	72,831	-----
North Carolina.....	75,490	8,437	67,053	53,663	13,390	<sup>3</sup> 65,785	-----	1,268
North Dakota.....	116,735	2,290	114,445	32,723	81,722	6,480	107,491	474
Ohio.....	98,491	16,312	82,179	80,260	1,919	16,019	66,160	-----
Oklahoma.....	99,253	7,295	91,958	34,412	57,546	9,856	81,764	338
Oregon.....	59,268	4,726	54,542	30,188	24,354	7,706	32,308	14,528
Pennsylvania.....	104,960	17,149	87,811	58,789	29,022	41,736	45,743	332
Rhode Island.....	4,069	2,311	1,758	1,631	127	663	1,095	-----
South Carolina.....	52,522	4,567	47,955	22,315	25,640	21,720	26,235	-----
South Dakota.....	91,945	2,258	89,687	32,648	57,039	6,555	82,006	1,126
Tennessee.....	69,767	5,041	64,726	56,791	7,935	7,819	56,224	683
Texas.....	224,937	28,307	196,630	95,027	101,603	42,874	153,756	-----
Utah.....	31,050	3,655	27,395	12,575	14,820	4,808	16,732	5,855
Vermont.....	13,785	821	12,964	10,301	2,663	1,859	<sup>4</sup> 11,083	22
Virginia.....	54,240	5,022	49,218	46,453	2,765	<sup>3</sup> 47,612	512	1,094
Washington.....	59,042	6,624	52,418	37,080	15,338	5,986	39,455	6,977
West Virginia.....	36,199	2,961	33,238	19,746	13,492	<sup>3</sup> 31,042	1,682	514
Wisconsin.....	95,930	9,239	86,691	78,391	8,300	10,116	76,176	399
Wyoming.....	27,200	856	26,344	9,301	17,043	4,781	19,575	1,988

<sup>1</sup> Includes 8,978 miles of State park, forest, institutional, and other roads, rural and municipal, that are not part of State or local highway systems. Also includes 786 miles of toll roads.

<sup>2</sup> Includes only mileage of roads not forming a part of State or local highway systems.

<sup>3</sup> Includes mileage of county roads under State control in Alabama (4 counties), Delaware, North Carolina, Virginia (all but 2 counties), and West Virginia; 6,611 miles designated as farm-to-market system in Louisiana; State-aid system in Maine; and 19 miles of State-aid roads in Montana.

<sup>4</sup> Includes mileage of local roads designated as State aid in Illinois, 19,983 miles; Minnesota, 15,634 miles; and Vermont, 2,550 miles.

Source: Department of Commerce, Bureau of Public Roads.

## No. 653.—PUBLIC ROADS—FEDERAL-AID HIGHWAY IMPROVEMENTS: 1917 TO 1954

[See also *Historical Statistics*, series K 189-191b]

YEAR	MILES OF HIGHWAY		COST (\$1,000) <sup>3</sup>		
	Total existent <sup>1</sup>	Completed during year <sup>2</sup>	Total	Federal funds	State funds
1917-1921.....		12,919	221,740	95,054	126,686
1925.....	178,797	11,001	220,921	100,030	120,891
1930.....	193,049	10,339	236,520	99,839	136,681
1935.....	214,000	12,811	242,420	218,112	24,307
1940.....	234,112	11,549	269,216	149,724	119,492
1945.....	232,772	3,035	101,037	76,485	24,552
1946.....	448,358	5,057	146,754	85,896	60,858
1947.....	583,106	15,473	421,517	223,542	197,975
1948.....	609,599	21,725	762,989	397,462	365,527
1949.....	626,393	19,875	829,300	425,466	403,834
1950.....	640,753	19,876	753,199	389,578	363,621
1951.....	651,826	17,060	771,708	389,564	382,144
1952.....	673,137	22,147	977,548	505,444	472,104
1953.....	694,677	21,136	1,077,733	558,913	518,820
1954.....	717,379	20,548	1,146,419	591,202	555,217

<sup>1</sup> Total existing mileage of Federal-aid primary system through 1945; beginning 1946 includes secondary system. Data as of June 30.<sup>2</sup> Comprises construction and reconstruction mileage.<sup>3</sup> Represents actual expenditures of funds on calendar-year basis. Beginning 1935, includes money spent on public works and defense highways. Beginning 1940, includes secondary highways.

Source: Department of Commerce, Bureau of Public Roads.

## No. 654.—MILEAGE OF FEDERAL-AID HIGHWAY SYSTEMS, BY STATES AND OTHER AREAS: 1954

[In miles. As of June 30. For explanation, see text, p. 541]

STATE OR OTHER AREA	PRIMARY HIGH-WAY SYSTEM		Second-ary highway system	STATE OR OTHER AREA	PRIMARY HIGH-WAY SYSTEM		Second-ary highway system
	Total miles	National system of interstate highways <sup>1</sup>			Total miles	National system of interstate highways <sup>1</sup>	
<b>Total.....</b>	<b>234,407</b>	<b>37,600</b>	<b>482,972</b>	Nebraska.....	5,350	477	11,264
Alabama.....	5,195	904	12,202	Nevada.....	2,198	540	2,186
Arizona.....	2,537	1,184	3,022	New Hampshire.....	1,223	213	1,372
Arkansas.....	3,481	528	13,489	New Jersey.....	1,725	204	1,919
California.....	7,264	1,899	9,616	New Mexico.....	4,114	1,013	4,607
Colorado.....	4,045	661	3,736	New York.....	10,556	998	19,330
Connecticut.....	1,093	267	1,118	North Carolina.....	6,853	714	21,878
Delaware.....	541	26	1,287	North Dakota.....	3,350	517	11,090
District of Columbia.....	148	17	59	Ohio.....	7,653	1,231	12,402
Florida.....	4,326	1,136	10,511	Oklahoma.....	7,381	809	10,936
Georgia.....	7,403	1,104	12,647	Oregon.....	4,002	729	4,925
Idaho.....	3,132	613	4,141	Pennsylvania.....	7,266	1,364	13,146
Illinois.....	10,346	1,548	9,143	Rhode Island.....	471	47	359
Indiana.....	4,872	1,068	15,611	South Carolina.....	4,677	749	11,294
Iowa.....	9,729	697	32,420	South Dakota.....	4,189	520	12,209
Kansas.....	7,757	728	22,216	Tennessee.....	5,354	1,038	9,292
Kentucky.....	3,896	656	14,851	Texas.....	16,029	2,770	24,942
Louisiana.....	2,653	606	5,652	Utah.....	2,270	716	2,987
Maine.....	1,637	299	2,261	Vermont.....	1,247	343	1,787
Maryland.....	2,009	270	5,646	Virginia.....	5,021	908	16,974
Massachusetts.....	2,050	347	2,200	Washington.....	3,710	593	7,116
Michigan.....	6,537	985	19,993	West Virginia.....	2,425	221	10,985
Minnesota.....	7,426	856	17,306	Wisconsin.....	6,145	472	18,433
Mississippi.....	4,599	684	9,164	Wyoming.....	3,443	1,019	2,013
Missouri.....	8,103	1,075	16,038	Hawaii.....	538		579
Montana.....	5,862	1,237	3,597	Puerto Rico.....	576		1,021

<sup>1</sup> Present traveled way.

Source: Department of Commerce, Bureau of Public Roads.



## No. 655.—FEDERAL-AID HIGHWAY PROJECTS, BY STATES AND OTHER AREAS: 1954

[Money figures in thousands of dollars. As of June 30. Comprises projects financed from Federal-aid primary, secondary, urban, and interstate; prewar Federal-aid primary, secondary, and grade-crossing; Defense Highway Act; and 1950 access funds]

STATE OR OTHER AREA	COMPLETED DURING FISCAL YEAR			UNDER CONSTRUCTION			PLANS APPROVED—NOT UNDER CONSTRUCTION			Federal-aid funds available for future projects
	Total cost	Federal funds	Miles	Total cost	Federal funds	Miles	Total cost	Federal funds	Miles	
<b>Total</b> .....	1,067,490	550,849	20,249.7	1,557,514	789,480	15,828.6	386,828	196,457	6,991.3	261,168
<b>Continental U. S.</b> .....	1,057,059	546,001	20,206.7	1,531,523	777,156	15,765.7	380,955	193,966	6,979.9	252,376
<b>New England</b> .....	60,125	30,994	231.6	99,775	48,406	294.3	10,554	5,227	35.1	19,819
Maine.....	10,754	6,122	74.2	13,477	6,863	97.8	509	255	5.8	3,960
New Hampshire.....	4,452	2,204	35.8	7,174	3,647	38.9	1,636	812	6.3	2,192
Vermont.....	5,542	2,725	53.8	9,038	4,561	65.7	1,130	554	7.7	1,268
Massachusetts.....	13,578	6,743	30.6	57,142	26,856	42.8	1,685	988	0.3	2,337
Rhode Island.....	14,112	7,438	11.0	7,854	3,925	36.5	994	496	8.9	1,094
Connecticut.....	11,687	5,762	26.2	5,090	2,554	12.6	4,600	2,122	6.1	8,968
<b>Middle Atlantic</b> .....	164,266	78,197	585.3	308,699	146,238	722.0	69,937	35,207	139.8	19,932
New York.....	72,586	33,285	341.8	189,859	90,562	491.9	31,834	16,370	77.4	5,843
New Jersey.....	33,614	16,099	46.8	23,023	8,856	15.7	1,976	949	5.5	10,191
Pennsylvania.....	58,066	28,813	196.7	95,817	46,820	214.4	36,127	17,888	56.9	3,898
<b>East North Central</b> .....	207,778	103,990	2,049.0	273,466	136,602	1,476.5	74,656	36,777	812.2	34,775
Ohio.....	50,017	26,436	159.7	105,222	51,099	214.5	19,419	8,953	40.3	7,308
Indiana.....	24,454	12,990	221.3	22,665	11,765	143.6	20,088	10,210	101.3	7,203
Illinois.....	53,234	26,582	604.4	77,294	40,731	485.7	10,279	5,194	121.7	12,770
Michigan.....	45,625	20,340	483.4	40,355	19,199	271.3	16,060	8,034	355.8	3,809
Wisconsin.....	34,448	17,642	580.2	27,900	13,808	361.4	8,810	4,386	193.1	3,685
<b>West North Central</b> .....	127,138	66,418	6,694.6	166,416	85,818	4,465.9	50,627	26,621	2,821.7	39,815
Minnesota.....	19,011	10,163	1,282.6	25,659	13,349	614.4	12,832	6,668	928.2	4,573
Iowa.....	15,892	7,877	882.3	27,471	14,798	849.6	8,964	4,807	380.2	4,248
Missouri.....	31,242	16,447	724.8	57,152	28,299	581.1	8,697	4,621	319.4	10,060
North Dakota.....	13,034	6,625	1,382.5	10,276	5,143	708.8	6,440	3,220	497.0	3,569
South Dakota.....	12,353	7,373	652.6	8,873	5,052	480.9	1,853	1,157	117.7	1,978
Nebraska.....	12,551	6,382	378.9	17,787	9,499	511.1	5,219	2,823	83.4	9,003
Kansas.....	23,055	11,551	1,390.9	19,198	9,678	720.0	6,622	3,325	495.8	6,384
<b>South Atlantic</b> .....	137,269	69,999	2,577.3	186,644	91,298	2,191.6	40,620	21,069	695.2	51,899
Delaware.....	4,941	2,507	23.9	5,551	2,763	34.3	2,994	1,841	8.1	1,566
Maryland.....	8,558	4,680	91.2	9,363	4,784	43.8	5,027	2,791	61.5	6,466
District of Columbia.....	6,105	2,710	4.0	10,569	5,081	1.4	996	498	2.3	4,298
Virginia.....	27,678	13,896	375.1	30,436	14,744	184.9	6,318	3,143	129.7	4,387
West Virginia.....	13,435	6,740	162.0	16,243	8,094	47.5	1,976	1,000	3.1	6,144
North Carolina.....	23,055	11,224	677.9	38,893	18,220	469.4	6,560	3,117	140.1	5,252
South Carolina.....	15,105	7,897	451.8	16,353	8,309	525.5	3,801	1,993	141.9	6,265
Georgia.....	26,423	14,211	558.5	38,373	18,287	552.4	7,520	3,944	146.3	13,358
Florida.....	11,969	6,134	232.9	10,863	11,016	332.4	5,428	2,742	62.2	4,163
<b>East South Central</b> .....	84,060	42,403	2,175.3	127,581	62,793	1,851.9	33,295	16,942	737.0	23,523
Kentucky.....	18,149	9,330	330.8	24,085	12,606	276.2	7,498	3,752	94.0	5,803
Tennessee.....	21,284	10,397	485.2	37,085	16,998	496.8	7,431	3,724	201.3	7,073
Alabama.....	27,698	14,302	677.4	43,978	21,900	477.2	12,137	6,268	216.9	6,079
Mississippi.....	16,929	8,374	681.9	22,433	11,289	601.7	6,229	3,198	224.8	4,568
<b>West South Central</b> .....	112,957	60,563	2,700.0	129,295	67,837	1,874.2	43,946	20,967	859.8	29,197
Arkansas.....	16,500	8,369	510.5	18,564	9,251	411.3	5,754	2,831	171.4	3,784
Louisiana.....	14,431	7,191	143.5	24,327	11,756	99.1	15,901	6,890	92.3	3,856
Oklahoma.....	16,021	8,431	307.3	17,217	9,262	236.4	6,234	3,275	149.8	7,899
Texas.....	66,005	36,572	1,738.7	69,187	37,568	1,127.4	16,057	7,971	446.3	13,658
<b>Mountain</b> .....	74,609	48,407	2,299.7	104,275	67,751	2,146.2	21,625	14,321	541.2	28,004
Montana.....	11,038	6,705	380.8	22,258	13,645	452.8	5,241	3,238	191.9	5,137
Idaho.....	10,153	6,281	234.2	16,999	11,002	346.4	6,902	4,397	110.5	1,877
Wyoming.....	6,624	4,364	185.2	9,654	6,090	250.3	1,029	667	20.0	544
Colorado.....	11,834	6,975	352.5	19,462	10,556	223.2	408	224	1.6	9,201
New Mexico.....	9,803	6,197	333.1	10,009	6,233	253.1	2,484	1,575	42.4	2,452
Arizona.....	9,244	6,282	208.2	6,872	4,909	176.6	1,421	1,058	33.5	2,027
Utah.....	9,877	7,253	354.6	10,137	7,939	207.8	3,358	2,509	97.3	506
Nevada.....	6,036	4,350	251.1	8,884	7,377	236.0	782	653	44.0	6,260
<b>Pacific</b> .....	88,857	45,030	893.9	135,372	70,413	743.1	35,695	16,835	337.9	5,412
Washington.....	10,513	5,533	245.9	20,391	11,247	193.0	7,248	3,627	169.3	1,358
Oregon.....	12,340	7,270	300.1	15,772	9,551	258.8	2,034	1,228	90.8	2,622
California.....	66,004	32,227	347.9	99,209	49,615	291.3	26,413	11,980	77.8	1,432
Alaska.....				64	64	6.5				
Hawaii.....	3,521	1,705	16.7	11,990	5,672	15.5	634	309	2.2	3,185
Puerto Rico.....	6,910	3,143	26.3	13,937	6,588	40.9	5,239	2,182	9.2	5,607

Source: Department of Commerce, Bureau of Public Roads; *Annual Report, 1954*.

# No. 656.—STATE HIGHWAY SYSTEMS—EXISTING MILEAGE, MILEAGE BUILT, FUNDS AVAILABLE, AND DISBURSEMENTS: 1930 TO 1953

[Figures cover continental U. S. and refer to calendar years for most States. See also *Historical Statistics*, series K 184-188 for data on total mileage built by State highway departments]

ITEM	1930	1940	1945	1950	1952	1953
Total mileage at end of year.....	1 324, 498	551, 766	573, 234	608, 468	636, 388	639, 538
Mileage under State control.....	(2)	548, 499	570, 239	608, 468	636, 388	639, 538
Primary State-highway systems.....	1 324, 498	329, 472	338, 310	363, 213	370, 576	376, 902
Nonsurfaced roads.....	1 97, 726	26, 991	22, 873	12, 007	9, 960	7, 873
Surfaced roads.....	1 226, 772	302, 481	315, 437	351, 206	360, 616	369, 029
Low type <sup>4</sup> .....	1 142, 659	180, 091	182, 786	168, 554	168, 238	169, 990
High type <sup>4</sup> .....	1 84, 113	122, 390	132, 651	182, 652	192, 378	199, 039
Secondary roads.....	(2)	195, 245	202, 356	209, 339	219, 335	214, 638
Urban extensions of State-highway systems.....	(2)	23, 782	29, 573	35, 916	37, 797	39, 020
Other State roads <sup>6</sup> .....					8, 680	8, 978
Connecting streets not under State control.....	(2)	3, 267	2, 995	(3)	(3)	(3)
Total mileage built during year by State-highway departments <sup>7</sup> .....	35, 277	32, 594	15, 278	55, 487	57, 847	52, 886
Graded and drained.....	7, 813	2, 207	283	3, 364	2, 442	2, 241
Surfaced.....	27, 464	30, 387	14, 995	52, 123	55, 405	50, 645
State controlled.....	35, 277	29, 695	14, 827	44, 265	46, 354	41, 744
Graded and drained.....	7, 813	1, 423	250	1, 784	1, 238	1, 264
High-type surface <sup>4</sup> .....	10, 787	5, 223	3, 971	13, 379	17, 811	17, 807
Low-type surface <sup>4</sup> .....	16, 677	23, 049	10, 606	29, 102	27, 305	22, 673
State-highway funds available <sup>8</sup> .....	\$1,000	1, 423, 164	2, 037, 606	2, 242, 572	5, 068, 196	6, 237, 700
Disbursements of State-highway funds <sup>8 10</sup> .....	\$1,000	1, 330, 545	1, 678, 009	1, 299, 381	3, 561, 513	4, 247, 781

<sup>1</sup> No segregation of secondary State highways from primary systems in 1930; figures shown include an undetermined amount of municipal street mileage on State systems or connecting these systems. Not strictly comparable with subsequent years, since county road mileage had not yet been taken over by State highway departments.

<sup>2</sup> Not available.

<sup>3</sup> Mileage formerly shown as "Connecting streets not under State control," now included with "Urban extensions of State highway systems," with exception of mileage in Kentucky, Maryland, Mississippi, and District of Columbia. These mileages reclassified as local city streets.

<sup>4</sup> Low type includes soil-surfaced; slag, gravel, or stone; bituminous surface-treated; and mixed bituminous surfaces. High type includes bituminous penetration; bituminous concrete and sheet asphalt; Portland cement concrete; brick; and block.

<sup>5</sup> Beginning 1950, mixed bituminous and bituminous penetration on "nonrigid base" shown as low-type and surfacing on "rigid base" included as high-type mileage.

<sup>6</sup> Beginning 1952, mileage of State park, forest, institutional, toll, and other roads under State control; not previously included.

<sup>7</sup> Prior to 1940, represents State-controlled only.

<sup>8</sup> Includes funds transferred to or from local units and proceeds of highway-user imposts allotted by the State treasurer for (1) county and other local roads and streets, and (2) nonhighway purposes.

<sup>9</sup> Includes accumulated reserves.

<sup>10</sup> Includes estimated highway transactions of Port of New York Authority.

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics, Summary to 1945*, and subsequent annual reports.

# No. 657.—PUBLIC ROADS—STATE HIGHWAY FINANCES: 1920 TO 1953

[In thousands of dollars. See also *Historical Statistics*, series K 193-204]

YEAR	Miscellaneous State income used for high-ways	Federal funds received for high-ways	ALLOCATION OF NET RECEIPTS FROM STATE IMPOSTS ON HIGHWAY USERS				DISBURSEMENTS FOR STATE HIGHWAY PURPOSES					State highway debt outstanding
			Total net funds distributed	State highway	Local roads and streets	Non-high-way	Total	State highway		Admin-istrative, high-way patrol, etc.	Interest	
								Con-struction	Main-tenance			
1920---	154, 986	61, 966	98, 672	300, 628	85, 931	7, 179	613, 342	240, 340	58, 468	21, 699	-----	225, 406
1925---	142, 715	93, 343	393, 738	627, 855	181, 807	20, 160	1, 018, 530	403, 843	119, 304	62, 034	28, 161	789, 347
1930---	129, 791	94, 111	829, 822	523, 399	238, 134	147, 143	750, 651	728, 887	193, 928	42, 534	53, 181	1, 572, 455
1935---	53, 622	219, 381	908, 676	754, 479	323, 331	196, 579	941, 332	438, 306	187, 122	49, 401	75, 822	2, 169, 299
1940---	60, 964	196, 139	1, 274, 389	770, 705	315, 681	99, 834	636, 378	563, 074	218, 776	81, 460	78, 022	2, 159, 025
1945---	103, 094	59, 964	1, 186, 220	1, 449, 285	626, 116	166, 111	2, 092, 121	210, 467	286, 676	82, 267	56, 968	1, 637, 904
1948---	191, 006	364, 852	1, 997, 085	1, 236, 848	570, 867	189, 370	1, 823, 042	1, 138, 674	465, 616	167, 225	51, 524	1, 735, 362
1949---	209, 520	429, 198	2, 241, 512	1, 449, 285	626, 116	166, 111	2, 092, 121	1, 361, 950	488, 037	185, 328	56, 806	1, 928, 330
1950---	190, 604	425, 587	2, 487, 094	1, 597, 704	672, 352	217, 038	2, 283, 513	1, 533, 859	501, 487	187, 453	60, 714	2, 141, 058
1951---	235, 426	415, 628	2, 750, 182	1, 739, 686	743, 725	266, 771	2, 581, 632	1, 739, 579	562, 272	215, 154	64, 627	2, 475, 803
1952---	273, 358	485, 273	2, 974, 137	1, 951, 782	819, 555	202, 800	2, 849, 248	1, 941, 857	602, 554	224, 216	80, 621	3, 116, 120
1953---	338, 651	540, 883	3, 291, 616	2, 101, 778	895, 762	294, 076	3, 249, 736	2, 271, 434	620, 405	255, 252	102, 645	4, 015, 481

Source: Department of Commerce, Bureau of Public Roads; annual releases.



## No. 658.—DISBURSEMENTS OF STATE HIGHWAY FUNDS, BY STATES: 1921 TO 1953

[In thousands of dollars. Comprises disbursements, whether from current revenues or proceeds of loans, for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous disbursements. Beginning 1935 covers calendar years; figures for earlier years for many States represent fiscal years]

DIVISION AND STATE	Year in which first State-aid law passed	1921	1930	1935	1940	1945	1950	1951	1952	1953
<b>Cont. U. S.</b>		444, 413	1,330,545	1,257,838	1, 678, 009	1, 299, 381	3, 561, 513	3, 980, 534	4, 247, 781	4, 884, 672
<b>New England</b>		26, 986	79, 724	84, 533	98, 625	64, 034	197, 732	208, 155	243, 965	284, 621
Maine	1901	7, 379	17, 669	11, 918	13, 550	10, 169	24, 380	25, 649	35, 472	66, 705
New Hampshire	1903	2, 446	9, 815	6, 412	8, 386	6, 935	13, 523	15, 492	18, 582	19, 590
Vermont	1898	1, 001	9, 013	6, 040	8, 365	3, 975	9, 954	11, 145	13, 093	15, 055
Massachusetts	1892	7, 864	23, 590	38, 295	37, 635	21, 428	97, 931	100, 818	118, 011	114, 536
Rhode Island	1902	2, 298	3, 633	3, 972	8, 011	6, 350	14, 249	17, 199	17, 612	18, 848
Connecticut	1895	5, 998	16, 004	17, 896	22, 678	15, 177	37, 695	37, 852	41, 195	49, 887
<b>Middle Atlantic</b>		104, 917	261, 664	274, 840	384, 572	230, 853	771, 149	889, 962	735, 437	1, 065, 151
New York <sup>1</sup>	1898	39, 427	108, 692	176, 992	198, 960	112, 694	303, 634	307, 272	304, 204	521, 669
New Jersey	1891	15, 848	48, 811	35, 021	57, 509	43, 980	188, 354	232, 813	164, 610	251, 338
Pennsylvania	1903	49, 642	104, 161	62, 827	128, 103	74, 179	279, 161	349, 877	266, 623	292, 144
<b>E. N. Central</b>		77, 340	223, 344	242, 738	312, 905	242, 329	502, 737	588, 574	720, 254	839, 957
Ohio	1904	19, 489	68, 299	63, 657	93, 403	76, 257	147, 327	176, 513	197, 922	249, 419
Indiana	1917	8, 251	27, 217	32, 743	40, 461	34, 985	69, 178	79, 060	80, 802	99, 683
Illinois	1905	15, 720	53, 304	64, 967	70, 536	53, 188	112, 503	129, 882	172, 739	196, 272
Michigan	1905	20, 359	47, 591	47, 695	67, 403	50, 159	105, 687	125, 278	172, 451	193, 948
Wisconsin	1911	13, 521	26, 933	33, 676	41, 102	27, 740	68, 042	77, 841	96, 340	100, 635
<b>W. N. Central</b>		50, 490	187, 230	132, 318	148, 681	109, 097	324, 919	343, 287	427, 218	424, 133
Minnesota	1905	7, 480	39, 396	26, 532	31, 275	22, 807	65, 243	71, 246	91, 579	88, 065
Iowa	1904	18, 778	56, 561	27, 177	32, 517	22, 633	79, 225	87, 334	104, 703	86, 488
Missouri	1907	4, 727	44, 476	28, 366	27, 553	20, 554	52, 942	52, 705	73, 777	86, 685
North Dakota	1909	1, 511	5, 523	5, 969	7, 355	6, 105	21, 636	21, 179	26, 805	25, 316
South Dakota	1911	5, 459	8, 202	9, 229	9, 236	5, 644	20, 236	24, 371	30, 740	33, 173
Nebraska	1911	5, 544	16, 056	16, 230	20, 117	15, 802	36, 077	39, 692	42, 184	37, 893
Kansas	1911	6, 991	17, 016	18, 815	20, 628	15, 552	49, 560	46, 760	57, 430	66, 513
<b>South Atlantic</b>		52, 826	163, 592	156, 837	232, 740	194, 163	602, 672	653, 609	682, 037	692, 298
Delaware	1903	3, 765	8, 492	3, 666	4, 379	3, 340	32, 014	24, 566	25, 519	21, 086
Maryland	1898	8, 326	20, 420	15, 356	27, 243	19, 422	83, 879	88, 919	86, 414	84, 562
Dist. of Col.	1938	210	2, 236	3, 650	6, 588	4, 362	10, 979	11, 753	12, 845	13, 840
Virginia	1906	7, 164	22, 603	20, 764	28, 277	29, 487	76, 041	92, 281	94, 840	101, 293
West Virginia	1909	1, 877	23, 518	20, 480	25, 835	26, 878	50, 928	52, 297	62, 487	103, 313
North Carolina	1901	15, 100	25, 622	29, 193	39, 799	29, 120	135, 859	156, 671	148, 967	133, 202
South Carolina	1917	4, 095	22, 938	14, 327	22, 804	21, 609	45, 988	51, 174	53, 776	56, 723
Georgia	1908	9, 966	17, 390	22, 447	38, 803	24, 214	73, 547	60, 441	72, 254	73, 101
Florida	1915	2, 323	20, 373	26, 954	39, 012	35, 731	93, 437	115, 507	124, 935	105, 178
<b>E. S. Central</b>		17, 705	107, 250	74, 189	118, 474	99, 980	236, 649	240, 835	275, 053	297, 041
Kentucky	1912	5, 784	20, 387	19, 859	25, 716	19, 603	67, 361	62, 084	71, 186	76, 416
Tennessee	1915	7, 054	55, 790	21, 239	34, 031	31, 705	78, 615	75, 925	82, 142	80, 652
Alabama	1911	1, 265	19, 813	18, 420	27, 723	25, 813	48, 807	55, 506	62, 689	74, 869
Mississippi	1915	3, 602	11, 260	14, 671	31, 004	22, 859	41, 866	47, 320	59, 036	65, 104
<b>W. S. Central</b>		39, 663	161, 527	120, 604	151, 120	128, 398	367, 157	408, 136	447, 178	459, 438
Arkansas	1913	8, 205	39, 959	17, 145	18, 278	15, 112	45, 995	40, 765	50, 459	46, 577
Louisiana	1910	5, 347	29, 570	21, 100	29, 662	21, 702	70, 616	80, 916	82, 600	78, 339
Oklahoma	1911	7, 395	27, 476	20, 780	23, 506	24, 222	72, 735	90, 839	101, 115	102, 464
Texas	1917	18, 716	64, 522	61, 579	79, 674	67, 362	177, 811	195, 616	213, 004	232, 058
<b>Mountain</b>		30, 021	55, 720	59, 721	73, 634	49, 616	162, 558	172, 589	201, 119	213, 384
Montana	1913	4, 190	7, 974	9, 015	11, 741	6, 682	21, 567	22, 439	28, 000	22, 333
Idaho	1905	5, 494	8, 464	7, 791	8, 039	5, 674	18, 676	21, 281	21, 773	24, 310
Wyoming	1911	3, 701	3, 952	5, 719	6, 272	3, 318	14, 103	13, 881	17, 001	18, 662
Colorado	1909	4, 892	11, 043	11, 726	14, 694	11, 671	37, 785	43, 465	42, 462	49, 242
New Mexico	1909	3, 718	10, 028	8, 110	13, 428	8, 088	26, 141	25, 175	30, 475	31, 889
Arizona	1909	3, 036	6, 220	6, 687	8, 864	6, 056	19, 691	21, 880	28, 345	30, 566
Utah	1909	3, 399	5, 315	6, 053	6, 342	6, 222	15, 099	16, 327	22, 207	24, 101
Nevada	1911	1, 591	2, 724	4, 620	4, 254	1, 905	9, 496	8, 141	10, 850	12, 281
<b>Pacific</b>		44, 465	90, 494	112, 058	157, 258	180, 911	395, 940	475, 387	515, 520	608, 649
Washington	1905	10, 340	16, 081	20, 639	39, 925	28, 602	77, 524	88, 096	94, 543	108, 406
Oregon	1913	18, 930	18, 554	17, 436	18, 385	14, 234	49, 923	57, 898	74, 855	78, 608
California	1895	15, 195	55, 859	73, 983	98, 948	138, 075	268, 493	329, 393	346, 122	421, 635

<sup>1</sup> Includes transactions of Port of New York Authority.

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics, 1953*, and previous summary statements on State-highway finance.

# No. 659.—STATE HIGHWAY FUNDS AVAILABLE, BY SOURCE AND DISBURSEMENTS, BY PURPOSE, BY STATES: 1953

[In thousands of dollars. Comprises receipts and disbursements of all State imposts on highway users, all other funds available to State highway departments, and State funds other than those of highway department which were reported as being applied to highway purposes. Includes transactions of interstate and intrastate toll authorities that are operated by State or quasi-State agencies. See also *Historical Statistics*, series K 193-203]

DIVISION AND STATE	FUNDS AVAILABLE					DISBURSEMENTS				
	Total	Motor-vehicle fees, motor-fuel and motor-carrier taxes	Federal funds	Income from issue of bonds, notes, etc.	All other sources <sup>1</sup>	Total <sup>2</sup>	For State-administered highways			For county and local roads and streets
							Capital outlay, roads and bridges <sup>3</sup>	Maintenance <sup>3</sup>	Other <sup>4</sup>	
Cont. U. S.-----	7,392,408	3,420,590	540,883	1,101,546	2,329,389	4,884,672	2,271,434	620,405	566,375	994,005
New England-----	421,518	168,351	25,424	130,652	97,091	284,621	131,552	45,032	65,565	27,944
Maine-----	142,608	22,660	5,102	96,169	18,677	66,705	25,669	10,205	28,561	1,684
New Hampshire-----	22,604	12,444	2,304	-----	7,856	19,590	8,332	5,160	3,901	1,833
Vermont-----	15,993	10,823	2,407	-----	2,763	15,055	4,774	3,735	1,156	5,122
Massachusetts-----	151,234	71,782	7,027	34,483	37,942	114,536	62,494	13,709	22,936	9,993
Rhode Island-----	24,510	13,119	3,687	-----	7,704	18,848	6,615	2,529	2,292	1,893
Connecticut-----	64,569	37,523	4,897	-----	22,149	49,887	23,668	9,694	6,719	7,419
Middle Atlantic-----	1,902,268	511,792	68,748	680,108	641,620	1,065,151	572,132	96,327	165,702	85,524
New York <sup>5</sup> -----	854,621	228,180	30,288	265,917	330,236	521,669	274,971	41,942	58,565	40,108
New Jersey-----	538,822	92,617	11,240	294,050	140,915	251,338	128,550	16,001	55,334	17,844
Pennsylvania-----	508,825	190,995	27,220	120,141	170,469	292,144	168,611	38,384	51,803	27,572
E. N. Central-----	1,339,150	650,834	98,865	20,534	568,917	839,957	346,909	96,163	56,691	309,571
Ohio-----	554,467	171,908	25,757	-----	356,802	249,419	102,302	32,301	21,070	87,379
Indiana-----	105,774	80,587	12,937	-----	12,250	99,683	41,081	14,123	4,864	35,531
Illinois-----	274,700	184,269	26,011	-----	64,420	196,272	80,160	17,076	17,899	73,320
Michigan-----	273,984	144,885	14,957	20,065	94,077	193,948	80,016	19,713	9,663	79,972
Wisconsin-----	130,225	69,185	19,203	469	41,368	100,635	42,950	12,950	3,195	33,369
W. N. Central-----	552,071	317,659	79,264	-----	155,148	424,133	195,899	68,815	25,677	121,784
Minnesota-----	134,725	70,989	13,203	-----	50,533	88,065	47,450	13,951	2,593	21,562
Iowa-----	94,190	68,294	7,591	-----	18,305	86,488	24,749	9,350	3,145	47,256
Missouri-----	131,355	63,514	20,636	-----	47,205	86,685	56,247	16,104	10,355	1,890
North Dakota-----	33,743	15,207	7,302	-----	11,234	25,316	12,595	3,251	1,124	7,783
South Dakota-----	38,620	17,699	11,269	-----	9,652	33,173	16,592	6,225	1,140	8,930
Nebraska-----	40,118	33,610	5,138	-----	1,370	37,893	9,888	7,886	2,377	16,592
Kansas-----	79,320	48,346	14,125	-----	16,849	66,513	28,378	12,048	4,943	17,771
South Atlantic-----	1,005,847	510,820	59,877	60,917	374,233	692,298	334,717	119,927	102,088	83,449
Delaware-----	30,943	8,245	1,340	7,480	13,878	21,086	<sup>6</sup> 9,231	<sup>6</sup> 2,653	6,116	10
Maryland-----	124,832	57,537	3,644	25,035	38,616	84,562	34,655	7,301	15,611	25,337
Dist. of Columbia-----	24,432	14,048	1,549	-----	8,835	13,840	-----	-----	-----	11,611
Virginia-----	106,485	74,377	13,051	-----	19,057	101,293	<sup>6</sup> 51,980	<sup>6</sup> 29,820	14,465	2,309
West Virginia-----	156,355	36,176	4,193	8,515	107,471	103,313	<sup>6</sup> 66,532	<sup>6</sup> 19,508	16,463	-----
North Carolina-----	221,924	105,210	10,193	-----	106,521	133,202	<sup>6</sup> 67,927	<sup>6</sup> 29,345	24,692	5,244
South Carolina-----	82,602	47,645	6,028	10,038	18,891	56,723	24,137	11,426	13,293	5,544
Georgia-----	112,395	62,596	13,177	9,849	26,773	73,101	38,432	8,957	4,188	20,439
Florida-----	145,879	104,986	6,702	-----	34,191	105,178	41,823	10,917	7,260	12,955
E. S. Central-----	403,543	236,080	42,878	31,279	93,306	297,041	115,426	37,128	30,580	102,766
Kentucky-----	91,204	63,732	9,820	4,253	13,399	76,416	45,530	14,645	6,988	6,999
Tennessee-----	118,440	75,716	10,420	17,004	15,300	80,652	26,766	7,620	8,696	32,454
Alabama-----	104,543	53,965	11,882	-----	38,696	74,869	<sup>6</sup> 19,572	<sup>6</sup> 9,545	7,456	36,358
Mississippi-----	89,356	42,667	10,756	10,022	25,911	65,104	23,558	5,318	7,440	26,955
W. S. Central-----	641,547	360,601	56,940	15,624	208,382	459,438	207,960	71,350	48,154	77,803
Arkansas-----	76,353	39,105	7,054	-----	30,194	46,577	18,713	7,088	10,563	8,487
Louisiana-----	150,337	53,278	7,853	15,624	73,582	78,339	33,422	15,158	17,171	10,480
Oklahoma-----	115,448	72,458	8,242	-----	34,748	102,464	43,598	10,813	5,828	29,997
Texas-----	299,409	195,760	33,791	-----	69,858	232,058	112,227	38,291	14,592	28,839
Mountain-----	257,391	153,251	59,744	-----	44,396	213,384	113,457	33,095	20,387	38,588
Montana-----	31,894	18,406	6,365	-----	7,123	22,333	10,915	5,393	2,553	2,919
Idaho-----	29,127	17,158	7,161	-----	4,808	24,310	10,226	4,869	1,895	6,882
Wyoming-----	25,331	11,464	7,934	-----	5,933	18,662	9,953	3,599	909	3,698
Colorado-----	55,220	36,160	10,211	-----	8,849	49,242	24,701	4,133	5,097	13,045
New Mexico-----	39,844	24,340	7,460	-----	8,044	31,889	17,911	5,152	4,547	2,384
Arizona-----	36,050	22,423	6,868	-----	6,759	30,566	17,187	3,526	2,002	6,490
Utah-----	25,444	15,735	7,562	-----	2,147	24,101	15,119	3,904	1,920	2,668
Nevada-----	14,481	7,565	6,183	-----	733	12,281	7,445	2,519	1,464	502
Pacific-----	869,073	511,202	49,143	162,432	146,296	608,649	253,382	52,568	51,531	146,576
Washington-----	163,819	72,183	8,031	54,795	28,810	108,406	45,706	14,400	9,782	25,434
Oregon-----	124,189	53,266	8,891	41,438	20,594	78,608	37,012	12,300	9,086	16,586
California-----	581,065	385,753	32,221	66,199	96,892	421,635	170,664	25,868	32,663	104,556

<sup>1</sup> Balances from 1952, totaling \$1,990,738,000, and miscellaneous revenues, totaling \$338,651,000.

<sup>2</sup> Includes disbursements not shown separately and not elsewhere included: For collection and administration of highway-user revenues, \$128,896,000; for nonhighway purposes, \$303,557,000.

<sup>3</sup> Includes some administration, engineering, and miscellaneous disbursements.

<sup>4</sup> Disbursements for administration, engineering, and miscellaneous; State highway police and safety; bond interest; and bond retirement.

<sup>5</sup> Expenditures on county roads under State control in Ala. (4 counties), Del., N. C., Va. (all except 2 counties), and W. Va. included with those for State-administered highways.

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics*, 1953.



**No. 660.—PUBLIC ROAD FINANCES—FUNDS CONTRIBUTED AND DISBURSED FOR COUNTY AND LOCAL RURAL ROADS, AND CITY AND VILLAGE STREETS: 1930 TO 1953**

[In millions of dollars. Data are for varying fiscal years, as reported by individual States. Includes State disbursements. See also *Historical Statistics*, series K 205-224]

SOURCE OR PURPOSE	1930	1935	1940	1945	1950	1951	1952	1953 <sup>1</sup>
<b>APPROXIMATE FUNDS CONTRIBUTED</b>								
<b>County and local rural roads, total</b> -----	800	624	893	550	1,065	1,136	1,256	1,361
County and local rural revenue sources-----	509	235	243	253	409	433	470	527
Borrowings <sup>2</sup> -----	95	50	68	22	89	79	103	80
State revenues-----	196	217	273	268	528	585	633	694
Federal funds-----		122	309	7	39	39	50	60
<b>City and village streets, total</b> -----	911	490	596	401	910	990	1,102	1,183
Revenue of—								
Counties and local rural agencies-----	( <sup>3</sup> )	12	12	9	28	24	31	30
Urban places-----	787	335	347	315	559	611	669	708
Borrowings <sup>2</sup> -----	112	17	17	30	167	179	201	220
State highway-user imposts-----	12	23	53	47	154	174	199	223
Federal work-relief funds (mainly WPA)-----		103	167					
Federal funds-----					2	2	2	2
<b>DISBURSEMENTS</b>								
<b>County and local rural roads, total</b> -----	813	605	907	522	1,043	1,116	1,239	1,300
Capital outlay-----	297	207	455	82	332	359	456	495
Maintenance and administration-----	321	212	265	331	607	652	678	700
Debt retirement <sup>4</sup> -----	113	111	129	74	77	78	79	80
Interest-----	82	75	58	35	27	27	26	25
<b>City and village streets, total</b> -----	799	461	567	408	906	964	1,024	1,084
Capital outlay-----	478	223	344	59	357	360	394	423
Maintenance and administration-----	230	170	162	224	407	444	483	510
Debt retirement <sup>4</sup> -----	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	81	98	118	103	106
Interest-----	91	68	61	44	44	42	44	45

<sup>1</sup> Preliminary estimate. <sup>2</sup> Beginning 1945, excludes refunding issues.

<sup>3</sup> Not available. <sup>4</sup> Beginning 1945, excludes redemptions by refunding.

Source: Department of Commerce, Bureau of Public Roads.

**No. 661.—MOTOR-VEHICLE TRAVEL: 1940 TO 1953**

[In millions of vehicle-miles. Estimates for total United States travel based on automatic traffic recorder data from 48 States]

CLASS OF ROAD	1940	1945	1946	1947	1948	1949	1950	1951	1952	1953 <sup>1</sup>
<b>All roads and streets</b> -----	302,143	249,627	340,655	370,622	397,589	424,089	458,422	490,438	521,741	544,433
Rural roads-----	152,150	119,884	170,606	186,534	198,507	216,304	234,970	259,707	277,176	308,375
Eastern regions-----	53,781	37,062	52,839	58,468	61,229	69,546	75,131	87,911	94,622	101,565
Central regions-----	75,067	61,217	87,234	94,947	102,036	109,548	120,225	129,641	137,049	150,797
Western regions-----	23,302	21,605	30,533	33,119	35,242	37,210	39,614	42,155	45,505	56,013
Main rural roads-----	109,815	85,793	124,149	137,512	147,597	159,379	174,349	189,651	203,101	213,604
Local rural roads-----	42,335	34,091	46,457	49,022	50,910	56,925	60,621	70,056	74,075	94,771
City streets-----	149,993	129,743	170,049	184,088	199,082	207,785	223,452	230,731	244,565	236,058

<sup>1</sup> Preliminary.

Source: Department of Commerce, Bureau of Public Roads; monthly releases.

**No. 662.—TRUCK TRAVEL ON MAIN RURAL ROADS: 1936 TO 1953**

[In millions of vehicle-miles. Loaded and empty trucks]

TYPE	1936	1940	1945	1946	1947	1948	1949	1950	1951	1952	1953
<b>Total travel</b> -----	15,407	21,100	18,907	24,346	28,632	31,760	33,777	39,822	40,738	43,970	45,633
Single-unit trucks-----	12,650	16,699	13,602	17,838	20,746	23,138	24,295	27,257	27,851	30,782	30,956
Truck combinations-----	2,757	4,401	5,305	6,508	7,886	8,622	9,482	12,565	12,887	13,188	14,677

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics*.

## No. 663.—MOTOR VEHICLES—SUMMARY OF SELECTED ITEMS: 1948 TO 1954

ITEM	1948	1949	1950	1951	1952	1953	1954
SALES AND EXPORTS							
Passenger car factory sales, total.....thousands..	3,909	5,119	6,666	5,338	4,321	6,117	5,559
4-door sedans.....do.....	1,969	2,520	3,247	2,684	2,259	3,079	2,593
2-door sedans, coaches and coupes <sup>1</sup> .....do.....	1,555	2,193	2,704	1,774	1,215	1,695	1,480
Business coupes.....do.....	63	82	90	54	29	37	16
"Hard-top" coupes and sedans.....do.....	10	267	487	540	842	951	951
Convertibles (except "hard-top").....do.....	197	216	208	143	100	159	156
Station wagons <sup>2</sup> .....do.....	102	88	142	179	169	297	349
Chassis.....do.....	23	10	9	17	9	8	13
Exports, total value <sup>3</sup> .....millions of dollars..	1,006	842	794	1,306	1,124	1,082	1,158
Passenger cars.....do.....	280	205	179	340	244	276	300
Trucks and busses.....do.....	343	228	217	387	314	269	332
Rubber tires and tubes.....do.....	67	67	47	80	90	72	71
Parts and accessories <sup>3</sup> .....do.....	316	342	350	499	476	466	455
TIRES AND PARTS							
Tires, passenger car:							
Production.....thousands..	66,738	65,140	78,598	65,546	74,341	81,431	76,806
Shipments.....do.....	63,540	65,077	84,423	61,678	70,305	79,779	77,717
Original equipment.....do.....	21,589	28,129	36,678	26,729	24,106	33,098	29,746
Replacement.....do.....	41,295	36,440	47,103	34,226	45,458	45,874	47,043
Export.....do.....	656	509	642	723	741	806	928
Inventory, year-end.....do.....	8,773	8,904	3,050	6,973	11,251	13,043	12,228
Tires, truck and bus:							
Production.....do.....	14,576	11,228	14,156	17,859	16,070	14,690	12,347
Shipments.....do.....	14,241	11,440	15,164	16,764	15,041	14,889	12,529
Original equipment.....do.....	5,256	3,456	4,671	5,424	5,378	4,838	3,592
Replacement.....do.....	7,853	7,026	9,705	10,386	8,884	9,317	8,111
Export.....do.....	1,132	958	788	954	779	734	826
Inventory, year-end.....do.....	1,925	1,734	743	1,791	2,859	2,663	2,546
Domestic sales of replacement parts and accessories (wholesale value) <sup>4</sup> .....millions of dollars..	2,452	1,810	1,882	2,399	2,164	1,892	1,805
Auto battery shipments for replacement, United States.....thousands..	25,075	19,383	24,442	22,219	22,453	23,614	23,149
EMPLOYMENT AND PAY							
Total employment in automotive manufacturing plants.....number.....	789,300	759,600	825,200	844,500	790,200	920,200	<sup>5</sup> 746,700
Average employment, production workers.....do.....	654,600	635,300	701,600	707,900	644,400	759,900	<sup>5</sup> 601,200
Total payrolls, production workers.....millions of dollars..	2,106	2,179	2,672	2,777	2,775	3,475	<sup>5</sup> 2,792
Average weekly earnings.....dollars..	61.86	65.97	73.25	75.45	82.82	87.95	<sup>5</sup> 89.31
Average weekly hours.....hours..	38.4	38.9	41.2	39.5	40.6	41.1	<sup>5</sup> 40.7
Average hourly earnings.....dollars..	1.611	1.696	1.778	1.912	2.04	2.14	<sup>5</sup> 2.20
VEHICLE TRAVEL							
Vehicle-miles of travel, total.....millions..	397,589	424,089	458,422	490,438	512,242	549,707	<sup>(6)</sup>
Passenger cars.....do.....	319,459	342,374	364,464	393,229	410,868	442,733	<sup>(6)</sup>
Trucks.....do.....	73,847	77,463	89,877	93,091	97,040	102,495	<sup>(6)</sup>
Busses.....do.....	4,283	4,252	4,081	4,118	4,334	4,479	<sup>(6)</sup>
Average miles per vehicle, total.....miles..	9,707	9,539	9,373	9,398	9,844	<sup>(6)</sup>	<sup>(6)</sup>
Passenger cars.....do.....	9,566	9,398	9,041	9,180	9,577	<sup>(6)</sup>	<sup>(6)</sup>
Trucks.....do.....	10,008	9,881	10,696	10,170	10,878	<sup>(6)</sup>	<sup>(6)</sup>
TRAFFIC DEATHS							
Traffic deaths, total.....number.....	32,257	31,698	34,790	36,969	37,998	38,309	<sup>5</sup> 36,300
Noncollision accidents.....do.....	8,950	9,100	10,950	11,600	12,900	13,300	<sup>5</sup> 12,750
Collision accidents.....do.....	23,307	22,598	23,840	25,369	25,098	25,009	<sup>5</sup> 23,550
With other motor vehicles.....do.....	10,200	10,500	11,250	12,600	13,000	12,900	<sup>5</sup> 12,300
With pedestrians.....do.....	9,950	8,800	9,100	9,200	8,700	8,600	<sup>5</sup> 7,900
With other vehicles or objects.....do.....	3,157	3,298	3,490	3,569	3,398	3,509	<sup>5</sup> 3,350
Traffic death rates:							
Per 100,000 population.....do.....	22.1	21.3	23.0	24.1	24.4	24.2	<sup>5</sup> 22.5
Per 10,000 motor vehicles.....do.....	7.9	7.2	7.2	7.2	7.2	7.0	<sup>(6)</sup>
Per 100 million vehicle miles.....do.....	8.1	7.5	7.6	7.5	7.4	7.1	<sup>5</sup> 6.5

<sup>1</sup> Except business coupes. <sup>2</sup> Excludes station wagons on commercial vehicle chassis.<sup>3</sup> Includes used passenger cars and trucks, trailers, parts for assembly, garage equipment.<sup>4</sup> Government purchases not included. Estimates based on Federal excise tax receipts.<sup>5</sup> Preliminary.<sup>6</sup> Not available.Source: Automobile Manufacturers Association, Detroit, Mich.; *Automobile Facts and Figures*.



## No. 664.—MOTOR VEHICLES—FACTORY SALES AND REGISTRATIONS: 1900 TO 1954

[See also *Historical Statistics*, series K 225-232]

YEAR	FACTORY SALES						REGISTRATIONS (1,000)		
	Number (1,000)			Wholesale value <sup>2</sup> (\$1,000)			Total (excl. publicly owned)	Passenger cars and taxis <sup>3</sup>	Motor-trucks and busses <sup>3</sup>
	Total	Passenger cars	Motor-trucks <sup>1</sup>	Total	Passenger cars	Motor-trucks <sup>1</sup>			
1900.....	4	4	-----	4, 899	4, 899	-----	8	8	-----
1905.....	25	24	1	40, 000	38, 670	1, 330	79	77	1
1910.....	187	181	6	225, 000	215, 340	9, 660	469	458	10
1915.....	970	896	74	701, 778	575, 978	125, 800	2, 491	2, 332	159
1920.....	2, 227	1, 906	322	2, 232, 420	1, 809, 171	423, 249	9, 239	8, 132	1, 108
1925.....	4, 266	3, 735	531	2, 916, 770	2, 458, 370	458, 400	19, 941	17, 440	2, 501
1927.....	3, 401	2, 937	465	2, 584, 802	2, 164, 671	420, 131	23, 140	20, 142	2, 997
1928.....	4, 359	3, 775	583	3, 032, 708	2, 572, 599	460, 109	24, 512	21, 308	3, 204
1929.....	5, 337	4, 455	882	3, 413, 148	2, 790, 614	622, 534	26, 503	23, 060	3, 442
1930.....	3, 363	2, 787	575	2, 034, 835	1, 644, 083	390, 752	26, 532	22, 973	3, 559
1931.....	2, 380	1, 948	432	1, 373, 691	1, 108, 247	265, 445	25, 862	22, 330	3, 532
1932.....	1, 332	1, 104	228	754, 485	616, 860	137, 624	24, 133	20, 832	3, 300
1933.....	1, 890	1, 561	329	948, 806	773, 425	175, 381	23, 877	20, 586	3, 290
1934.....	2, 737	2, 161	576	1, 467, 260	1, 140, 478	326, 782	24, 954	21, 472	3, 482
1935.....	3, 971	3, 274	697	2, 088, 834	1, 707, 836	380, 997	26, 230	22, 495	3, 735
1936.....	4, 461	3, 679	782	2, 478, 467	2, 014, 747	463, 719	28, 172	24, 108	4, 064
1937.....	4, 820	3, 929	891	2, 778, 227	2, 240, 913	537, 315	29, 706	25, 391	4, 315
1938.....	2, 508	2, 020	489	1, 707, 950	1, 241, 032	329, 918	29, 443	25, 167	4, 276
1939.....	3, 589	2, 889	700	2, 260, 018	1, 770, 232	489, 787	30, 615	26, 140	4, 476
1940.....	4, 472	3, 717	755	2, 938, 474	2, 370, 654	567, 820	32, 035	27, 372	4, 663
1941.....	4, 841	3, 780	1, 061	3, 637, 006	2, 567, 206	1, 069, 800	34, 472	29, 524	4, 948
1942.....	1, 042	223	819	1, 591, 270	163, 814	1, 427, 457	32, 579	27, 869	4, 710
1943.....	700	( <sup>4</sup> )	700	1, 451, 896	102	1, 451, 794	30, 500	25, 913	4, 587
1944.....	738	1	738	1, 701, 376	447	1, 700, 929	30, 086	25, 466	4, 620
1945.....	725	70	656	1, 239, 210	57, 255	1, 181, 956	30, 638	25, 691	4, 947
1946.....	3, 090	2, 149	941	3, 023, 028	1, 979, 781	1, 043, 247	33, 946	28, 100	5, 846
1947.....	4, 798	3, 558	1, 239	5, 667, 730	3, 936, 017	1, 731, 713	37, 360	30, 719	6, 642
1948.....	5, 286	3, 909	1, 376	6, 750, 898	4, 870, 423	1, 880, 475	40, 556	33, 214	7, 343
1949.....	6, 254	5, 119	1, 134	8, 044, 892	6, 650, 857	1, 394, 035	44, 140	36, 312	7, 828
1950.....	8, 003	6, 666	1, 337	10, 175, 835	8, 468, 137	1, 707, 748	48, 567	40, 185	8, 382
1951.....	6, 765	5, 338	1, 427	9, 565, 134	7, 241, 275	2, 323, 859	51, 292	42, 525	8, 766
1952.....	5, 539	4, 321	1, 218	8, 774, 903	6, 455, 114	2, 319, 789	52, 616	43, 654	8, 962
1953.....	7, 323	6, 117	1, 206	11, 091, 640	9, 002, 580	2, 089, 060	55, 593	46, 289	9, 304
1954.....	6, 601	5, 559	1, 042	9, 875, 796	8, 217, 396	1, 658, 400	57, 876	48, 324	9, 552

<sup>1</sup> Includes busses. A substantial part of the trucks and busses reported comprises chassis without body; hence excludes the value of bodies for these chassis. Includes military trucks; total sales for the period Sept. 1, 1939, through 1946, amounted to 2,575,000, valued at \$5,257,588,000. Production for the period Jan. 1, 1940, through 1946 was 2,601,000.

<sup>2</sup> Beginning 1937, includes value of standard equipment.

<sup>3</sup> Prior to 1925, busses included with passenger cars. Beginning 1950, motortrucks exclude farm trucks registered at a nominal fee in 5 States.

<sup>4</sup> Less than 500.

<sup>5</sup> Partly estimated.

Source: Factory sales—Automobile Manufacturers Association, Detroit, Mich.; *Automobile Facts and Figures*. Registrations—Department of Commerce, Bureau of Public Roads; *Highway Statistics, Summary to 1945*, and subsequent annual reports.

## No. 665.—MOTOR FUEL CONSUMPTION: 1945 TO 1953

[In millions of gallons. Excludes exports and Federal purchases for military use. Data obtained chiefly from reports of State authorities. See also *Historical Statistics*, series K 233-235 for data on total highway and non-highway usage]

USE	1945	1946	1947	1948	1949	1950	1951	1952	1953
Total consumption.....	22,304	29,202	32,036	34,707	36,835	40,280	42,951	45,526	47,890
Total usage.....	22,047	28,877	31,681	34,329	36,440	39,831	42,473	45,037	47,381
Highway.....	19,149	25,649	28,216	30,461	32,431	35,653	38,128	40,584	42,732
Nonhighway.....	2,898	3,228	3,465	3,868	4,009	4,178	4,345	4,453	4,649
Private and commercial use, total.....	21,576	28,382	31,030	33,616	35,690	39,033	41,639	44,156	46,451
Highway.....	18,798	25,269	27,715	29,909	31,850	35,034	37,479	39,898	42,006
Nonhighway.....	2,778	3,113	3,315	3,707	3,840	3,999	4,160	4,258	4,445
Public use, total.....	471	495	651	713	750	798	834	881	930
Federal, highway.....	43	44	58	64	67	69	75	81	83
State, county, and municipal.....	428	451	593	649	683	729	759	800	847
Highway.....	308	336	443	487	514	551	575	606	642
Nonhighway.....	120	115	150	162	169	179	184	194	205
Losses allowed for evaporation, handling, etc.....	257	325	355	378	395	449	478	439	509

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics, Summary to 1945*; and subsequent annual reports.

# No. 666.—MOTOR-VEHICLE REGISTRATIONS (COMBINED FIGURES FOR PASSENGER CARS, BUSES, AND MOTOR TRUCKS), BY STATES: 1915 TO 1954

[In thousands. Excludes publicly owned vehicles. For uniformity, figures have been adjusted to a calendar-year basis as registration years in States differ. Figures represent net numbers where possible, excluding re-registrations and non-resident registrations]

DIVISION AND STATE	1915	1920	1925	1930	1935	1940	1945	1950	1953	1954
<b>Continental U. S.</b>	<b>2,491</b>	<b>9,239</b>	<b>19,941</b>	<b>26,532</b>	<b>26,230</b>	<b>32,035</b>	<b>30,638</b>	<b>48,567</b>	<b>55,593</b>	<b>57,876</b>
<b>New England</b>	<b>206</b>	<b>573</b>	<b>1,281</b>	<b>1,699</b>	<b>1,682</b>	<b>2,020</b>	<b>1,967</b>	<b>2,784</b>	<b>3,112</b>	<b>3,244</b>
Maine	22	63	140	186	181	206	207	272	292	302
New Hampshire	13	35	81	112	117	135	128	169	188	197
Vermont	11	32	70	87	82	94	90	119	127	130
Massachusetts	103	274	637	846	786	904	859	1,266	1,406	1,464
Rhode Island	16	50	102	137	149	187	178	249	278	292
Connecticut	41	119	251	331	367	494	505	709	821	859
<b>Middle Atlantic</b>	<b>497</b>	<b>1,474</b>	<b>3,537</b>	<b>4,921</b>	<b>4,964</b>	<b>5,976</b>	<b>5,311</b>	<b>8,235</b>	<b>9,335</b>	<b>9,773</b>
New York	255	676	1,626	2,308	2,331	2,743	2,330	3,693	4,130	4,345
New Jersey	82	228	581	853	888	1,087	1,020	1,564	1,819	1,909
Pennsylvania	160	570	1,330	1,760	1,745	2,146	1,961	2,978	3,386	3,519
<b>East North Central</b>	<b>667</b>	<b>2,229</b>	<b>4,917</b>	<b>6,383</b>	<b>6,085</b>	<b>7,298</b>	<b>6,884</b>	<b>10,419</b>	<b>11,724</b>	<b>12,141</b>
Ohio	181	621	1,346	1,759	1,715	1,919	1,905	2,768	3,136	3,268
Indiana	97	333	725	875	851	1,000	984	1,424	1,599	1,670
Illinois	181	569	1,263	1,638	1,526	1,926	1,721	2,632	2,937	3,064
Michigan	115	413	989	1,328	1,239	1,552	1,454	2,409	2,756	2,820
Wisconsin	93	293	594	783	754	901	820	1,186	1,296	1,319
<b>West North Central</b>	<b>500</b>	<b>1,782</b>	<b>2,942</b>	<b>3,682</b>	<b>3,494</b>	<b>3,960</b>	<b>3,663</b>	<b>5,437</b>	<b>5,912</b>	<b>6,073</b>
Minnesota	93	324	570	733	727	871	750	1,158	1,261	1,294
Iowa	145	437	659	778	699	794	693	1,060	1,113	1,131
Missouri	76	297	604	762	766	922	854	1,252	1,375	1,423
North Dakota	25	91	145	183	164	182	181	273	290	297
South Dakota	29	120	168	205	179	196	179	287	303	310
Nebraska	59	219	339	426	406	412	406	563	625	630
Kansas	73	294	457	595	553	583	600	844	945	989
<b>South Atlantic</b>	<b>161</b>	<b>806</b>	<b>1,920</b>	<b>2,518</b>	<b>2,657</b>	<b>3,408</b>	<b>3,453</b>	<b>5,822</b>	<b>7,001</b>	<b>7,330</b>
Delaware	5	18	40	56	57	72	68	107	132	138
Maryland	31	103	234	322	346	444	459	679	813	864
District of Columbia	19	34	103	157	171	162	111	191	187	191
Virginia	21	115	283	376	386	500	548	906	1,074	1,137
West Virginia	13	81	218	266	248	303	284	475	509	505
North Carolina	21	141	340	453	463	592	606	1,035	1,231	1,278
South Carolina	15	94	168	218	236	337	336	570	702	706
Georgia	25	146	248	342	394	503	523	888	1,069	1,121
Florida	11	74	286	328	356	495	518	971	1,284	1,390
<b>East South Central</b>	<b>68</b>	<b>358</b>	<b>879</b>	<b>1,215</b>	<b>1,129</b>	<b>1,513</b>	<b>1,517</b>	<b>2,768</b>	<b>3,324</b>	<b>3,526</b>
Kentucky	20	113	262	331	346	464	435	774	898	948
Tennessee	26	102	245	368	352	450	460	842	1,030	1,101
Alabama	12	75	195	279	245	340	359	675	847	902
Mississippi	10	68	177	237	186	259	263	477	549	576
<b>West South Central</b>	<b>84</b>	<b>773</b>	<b>1,794</b>	<b>2,411</b>	<b>2,360</b>	<b>2,891</b>	<b>2,767</b>	<b>4,918</b>	<b>5,559</b>	<b>5,809</b>
Arkansas	8	59	184	220	207	257	275	471	522	538
Louisiana	11	73	207	275	269	365	404	699	808	864
Oklahoma	25	213	424	550	502	575	505	819	914	949
Texas	40	428	979	1,366	1,382	1,694	1,583	2,929	3,315	3,458
<b>Mountain</b>	<b>81</b>	<b>371</b>	<b>677</b>	<b>964</b>	<b>959</b>	<b>1,239</b>	<b>1,193</b>	<b>2,039</b>	<b>2,432</b>	<b>2,542</b>
Montana	15	61	95	135	150	191	157	259	296	308
Idaho	7	51	82	119	118	163	151	267	299	309
Wyoming	4	24	48	62	70	86	82	142	159	165
Colorado	29	129	240	309	285	352	342	556	638	671
New Mexico	7	18	49	84	92	125	118	233	297	304
Arizona	8	35	68	111	103	138	143	264	352	372
Utah	9	43	74	114	106	140	154	243	287	302
Nevada	2	10	21	30	35	44	46	75	104	112
<b>Pacific</b>	<b>227</b>	<b>873</b>	<b>1,994</b>	<b>2,739</b>	<b>2,900</b>	<b>3,730</b>	<b>3,883</b>	<b>6,145</b>	<b>7,194</b>	<b>7,437</b>
Washington	39	174	329	446	454	562	614	903	1,028	1,061
Oregon	24	115	217	252	294	394	414	678	730	749
California	164	584	1,448	2,041	2,152	2,774	2,855	4,564	5,436	5,627

Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics, Summary to 1945*; and subsequent annual reports.



## No. 667.—MOTOR-VEHICLE REGISTRATIONS AND REVENUES, BY STATES: 1953

DIVISION AND STATE	MOTOR VEHICLES REGISTERED				Trailers registered (including official) <sup>1</sup>	Motorcycles registered (including official) <sup>1</sup>	RECEIPTS FROM MOTOR-VEHICLE ADMINISTRATION (\$1,000)	
	Total	Private and commercial		Publicly owned vehicles, Federal, State, county, etc. <sup>1</sup>			Total receipts <sup>3</sup>	Registration, motor-cars <sup>4</sup>
		Automobiles (incl. taxicabs)	Trucks* and busses					
Continental U. S.	56,279,864	46,289,129	9,303,535	687,200	2,877,758	411,835	1,179,201	924,332
New England	3,148,328	2,700,713	412,242	35,373	145,728	13,990	57,629	40,688
Maine	296,563	227,927	64,183	4,453	23,818	1,859	7,326	6,028
New Hampshire	192,228	153,981	34,009	4,238	12,346	1,645	5,103	4,284
Vermont	128,636	112,390	14,820	1,426	7,497	754	5,108	4,478
Massachusetts	1,421,799	1,237,638	168,779	15,382	66,162	4,282	21,607	12,536
Rhode Island	280,710	244,156	34,085	2,469	8,670	1,763	5,409	4,431
Connecticut	828,392	724,621	96,366	7,405	27,235	3,687	13,076	8,931
Middle Atlantic	9,433,351	8,163,627	1,171,165	98,559	259,786	53,402	216,450	168,038
New York	4,176,495	3,672,809	456,941	46,745	123,704	19,439	98,166	83,077
New Jersey	1,836,914	1,593,759	225,678	17,477	32,612	9,585	49,824	32,395
Pennsylvania	3,419,942	2,897,059	488,546	34,337	103,470	24,378	68,460	52,566
East North Central	11,830,956	10,138,375	1,584,437	108,144	701,892	97,774	249,263	207,381
Ohio	3,166,741	2,761,460	374,450	30,831	204,993	26,143	67,718	52,773
Indiana	1,610,751	1,323,187	275,435	12,129	131,813	18,593	28,568	23,443
Illinois	2,958,824	2,574,918	361,901	22,005	72,606	23,635	68,413	59,658
Michigan	2,783,122	2,418,816	337,039	27,267	259,270	19,921	55,172	43,981
Wisconsin	1,311,518	1,059,994	235,612	15,912	33,210	9,482	29,392	27,526
West North Central	5,973,737	4,674,231	1,236,569	62,937	437,584	41,321	124,722	110,810
Minnesota	1,273,122	1,040,962	219,601	12,559	129,644	10,012	28,442	26,705
Iowa	1,125,551	911,044	201,837	12,670	113,459	9,825	35,660	33,213
Missouri	1,385,938	1,098,649	276,506	10,783	81,278	6,763	26,367	22,703
North Dakota	292,703	198,221	91,486	2,996	3,165	921	6,974	6,218
South Dakota	307,550	222,896	80,093	4,561	33,024	1,568	5,162	4,823
Nebraska	631,796	480,802	143,857	7,137	59,395	3,966	8,287	6,125
Kansas	957,077	721,657	223,189	12,231	17,619	8,266	13,830	11,023
South Atlantic	7,109,145	5,729,618	1,274,245	105,282	330,109	57,911	133,600	97,027
Delaware	133,970	106,228	26,075	1,667	5,970	694	2,569	1,941
Maryland	819,897	695,711	117,442	6,744	20,307	5,421	23,045	10,226
District of Columbia	192,362	167,154	20,339	4,869	1,811	672	4,407	1,646
Virginia	1,090,721	879,753	194,697	16,271	43,600	10,033	16,247	12,871
West Virginia	516,867	389,497	119,872	7,498	14,673	3,102	16,054	11,394
North Carolina	1,257,004	986,946	244,094	25,964	85,276	8,557	26,947	24,743
South Carolina	716,329	574,273	128,200	13,856	12,643	5,225	6,956	4,788
Georgia	1,081,403	846,816	222,458	12,129	38,247	7,502	6,409	4,841
Florida	1,300,592	1,083,240	201,068	16,284	107,582	16,705	30,966	24,577
East South Central	3,370,921	2,571,703	751,521	47,697	52,484	21,612	50,604	31,640
Kentucky	907,484	706,714	191,370	9,400	19	5,737	15,579	6,842
Tennessee	1,047,002	820,560	209,407	17,035	5,837	6,243	16,987	12,382
Alabama	859,710	663,506	183,053	13,151	15,583	7,002	9,478	4,874
Mississippi	556,725	380,923	167,691	8,111	31,045	2,630	8,560	7,542
West South Central	5,632,924	4,286,267	1,272,414	74,243	256,546	43,811	130,716	89,569
Arkansas	528,814	353,179	168,515	7,120	28,387	2,217	10,456	9,005
Louisiana	816,113	632,321	175,266	8,526	40,601	5,210	9,837	6,146
Oklahoma	928,551	681,574	232,676	14,301	16,005	7,540	25,695	19,755
Texas	3,359,446	2,619,193	695,957	44,296	171,553	28,844	84,728	54,663
Mountain	2,479,620	1,832,243	599,796	47,581	163,082	17,510	34,627	26,205
Montana	302,302	203,838	92,070	6,394	18,277	1,070	5,685	4,426
Idaho	304,062	218,721	79,920	5,421	40,553	2,163	5,056	4,163
Wyoming	163,151	111,631	47,782	3,741	17,093	912	1,758	1,322
Colorado	648,641	494,823	142,832	10,986	32,876	4,200	6,554	4,282
New Mexico	303,096	218,791	78,601	5,704	11,016	3,155	6,416	5,222
Arizona	359,199	272,119	79,631	7,449	32,601	3,486	4,859	3,209
Utah	292,521	232,301	55,215	5,005	3,186	1,375	3,249	2,849
Nevada	106,645	80,019	23,745	2,881	7,480	1,149	1,050	732
Pacific	7,300,882	6,192,352	1,001,146	107,384	530,547	64,504	181,590	152,974
Washington	<sup>10</sup> 1,051,517	<sup>10</sup> 847,990	<sup>10</sup> 179,592	<sup>10</sup> 23,935	62,050	<sup>10</sup> 5,803	26,149	19,999
Oregon	744,952	<sup>11</sup> 651,809	<sup>11</sup> 78,025	15,118	25,536	5,446	12,373	9,542
California	5,504,413	4,692,553	743,529	68,331	442,961	53,255	143,068	123,433

<sup>1</sup> Excludes vehicles owned by military services.<sup>2</sup> As reported. State registration requirements differ widely.<sup>3</sup> Comprises registration fees, certificates of title, transfer or registration fees, permits, fines, etc.; excludes motor-fuel and motor-carrier taxes; for California, includes \$73,142,839 vehicle license fees and for Washington, \$9,926,567 motor-vehicle excise taxes.<sup>4</sup> Comprises fees for registration of automobiles (including taxicabs), busses, and trucks and tractor trucks.<sup>5</sup> Commercial full trailers included with trucks.<sup>6</sup> Includes fees for registration of trailers.<sup>7</sup> Data for trucks under 1,500 pounds capacity included with automobiles.<sup>8</sup> Includes 1,563 automobiles of the diplomatic corps.<sup>9</sup> Represents publicly owned only. Heavy semitrailers registered with tractors (as a unit). Automobile

trailers not required to register.

<sup>10</sup> Registration year changed to calendar-year basis. Registrations shown for 13½ months from Nov. 16, 1952,

to Dec. 31, 1953.

<sup>11</sup> Data for trucks with gross weight of 4,500 pounds or less included with automobiles.Source: Department of Commerce, Bureau of Public Roads; *Highway Statistics, 1953*.

## No. 668.—AUTOMOBILE OWNERSHIP, AGE, AND FINANCING: 1947 TO 1954

ITEM	1947	1948	1949	1950	1951	1952	1953	1954
AUTOMOBILE OWNERSHIP AND AGE								
Total number of families in U. S. <sup>1</sup> .....	billions.....	42.7	44.1	45.7	46.3	47.2	48.0	48.5
Total owning automobiles.....	percent.....	54	56	60	65	65	65	70
Total number of spending units in U. S. <sup>1</sup> .....	millions.....	48.8	50.8	52.6	52.4	53.0	53.9	54.2
Total owning automobiles.....	percent.....	50	51	55	60	60	61	66
Automobiles owned, by age:								
1 year old or less.....	do.....		13	17	17	14	11	13
2 to 3 years old.....	do.....		15	19	22	30	31	23
4 to 7 years old.....	do.....		4	6	14	20	30	40
7 years old or more.....	do.....		68	58	47	36	28	24
METHOD OF FINANCING BY PURCHASERS <sup>2</sup>								
All passenger-car buyers.....	percent.....	100	100	100	100	100	100	100
Full cash (including trade-in allowance).....	do.....	65	59	50	47	44	38	37
Installment credit and other borrowing <sup>3</sup> .....	do.....	35	39	49	52	55	61	62
Method not ascertained.....	do.....	( <sup>4</sup> )	2	1	1	2	1	1
New-passenger-car buyers.....	do.....	100	100	100	100	100	100	100
Full cash (including trade-in allowance).....	do.....	71	66	56	54	52	41	38
Installment credit and other borrowing <sup>3</sup> .....	do.....	29	33	43	46	47	59	62
Method not ascertained.....	do.....	( <sup>4</sup> )	1	1	( <sup>4</sup> )	1	2	( <sup>4</sup> )
Used-passenger-car buyers.....	do.....	100	100	100	100	100	100	100
Full cash (including trade-in allowance).....	do.....	65	55	47	41	39	33	36
Installment credit and other borrowing <sup>3</sup> .....	do.....	37	42	52	57	60	65	63
Method not ascertained.....	do.....		3	1	2	1	2	1

<sup>1</sup> "Families" consist of all persons living in the same dwelling and related by blood, marriage, or adoption. "Spending units" consist of all persons living in the same dwelling and related by blood, marriage, or adoption, who pooled their income for major items of expense; a spending unit may consist of only one person. Many families contain 2 or more spending units.

<sup>2</sup> Based on spending units that bought cars during year and still owned them at end of year.

<sup>3</sup> In the surveys for 1949 and later years, a question was asked specifically in regard to other borrowing. This question was not asked in previous surveys.

<sup>4</sup> Less than one-half of 1 percent.

Source: Board of Governors of the Federal Reserve System. Based on sample data from Surveys of Consumer Finances, conducted by Survey Research Center of University of Michigan for Board of Governors.

## No. 669.—AUTOMOBILE INSURANCE—PREMIUMS WRITTEN AND LOSSES PAID, BY TYPE: 1946 TO 1953

[In millions of dollars. 1946 to 1952, net basis; 1953, direct writing basis]

YEAR	TOTAL INSURANCE			LIABILITY			PROPERTY DAMAGE <sup>1</sup>			PHYSICAL DAMAGE <sup>2</sup>		
	Net premiums written	Losses paid	Percent losses paid of premiums written	Net premiums written	Losses paid	Percent losses paid of premiums written	Net premiums written	Losses paid	Percent losses paid of premiums written	Net premiums written	Losses paid	Percent losses paid of premiums written
1946....	1,250	582	46.6	500	189	37.7	193	107	55.1	557	287	51.5
1947....	1,657	673	40.6	636	235	36.9	289	138	37.9	732	300	41.0
1948....	2,019	802	39.7	744	286	38.4	366	171	46.9	910	345	37.9
1949....	2,332	901	38.7	879	343	39.0	433	205	45.3	999	353	41.0
1950....	2,625	1,069	40.7	931	396	42.5	482	231	47.9	1,212	442	36.5
1951....	2,995	1,406	47.0	1,126	493	43.8	575	313	54.5	1,294	600	46.3
1952....	3,608	1,646	45.6	1,332	569	42.7	715	369	51.5	1,561	708	45.4
1953....	4,165	1,810	43.5	1,562	661	42.3	833	374	44.9	1,770	775	43.8

<sup>1</sup> Refers to insurance covering real property against damage by motor vehicles.

<sup>2</sup> Refers to insurance covering auto fire, auto theft, auto collision, and auto comprehensive.

Source: The Spectator, Philadelphia, Pa.; *Insurance Yearbook*, Fire and Casualty Volume; and for 1953, *Insurance by States* Volume.



## No. 670.—SPEED OF MOTOR VEHICLES: 1945 TO 1954

[Data based on actual speed of each vehicle recorded on tangent sections of main rural highways during off-peak hours]

ITEM	1945 <sup>1</sup>	1946	1947	1948	1949	1950	1951	1952	1953	1954
Number of States reporting.....	26	19	16	24	26	27	25	29	26	26
Number of vehicles recorded.....1,000	96	158	132	164	223	230	273	341	241	236
Average speed, all vehicles.....m. p. h.	44.0	45.2	46.9	47.7	47.6	47.6	48.9	49.5	49.7	49.7
Passenger cars.....do	45.0	46.1	48.1	48.8	48.7	48.7	50.1	50.8	51.1	51.1
Trucks.....do	39.8	40.2	42.5	43.1	43.5	43.0	44.4	45.0	44.9	45.2
Busses.....do	45.5	47.8	48.4	50.0	50.3	49.8	51.2	52.1	51.5	51.8
Vehicles exceeding—										
35 m. p. h.....percent	84	87	90	92	92	91	93	95	96	96
40 m. p. h.....do	64	68	75	77	78	77	82	84	85	86
45 m. p. h.....do	42	48	56	59	60	58	63	68	69	69
50 m. p. h.....do	24	29	34	36	38	37	42	45	47	46
55 m. p. h.....do	11	15	18	20	21	20	24	26	27	26
60 m. p. h.....do	5	7	8	9	9	8	11	12	13	12

<sup>1</sup> August 15 to December 31.

Source: Department of Commerce, Bureau of Public Roads.

## No. 671.—MOTOR-VEHICLE ACCIDENT DEATHS, BY PLACE OF DEATH AND PLACE OF RESIDENCE: 1952

STATE	By place of death	By place of residence	STATE	By place of death	By place of residence	STATE	By place of death	By place of residence
<b>United States</b> .....	37,794	37,794	Kentucky.....	899	829	North Dakota.....	160	155
Alabama.....	817	829	Louisiana.....	669	649	Ohio.....	2,112	2,167
Arizona.....	412	379	Maine.....	149	149	Oklahoma.....	570	588
Arkansas.....	482	484	Maryland.....	538	513	Oregon.....	486	475
California.....	3,594	3,674	Massachusetts.....	494	549	Pennsylvania.....	1,779	1,834
Colorado.....	408	388	Michigan.....	1,767	1,865	Rhode Island.....	75	79
Connecticut.....	238	252	Minnesota.....	567	605	South Carolina.....	770	713
Delaware.....	84	71	Mississippi.....	546	564	South Dakota.....	175	174
			Missouri.....	1,065	1,119	Tennessee.....	817	789
Dist. of Columbia.....	77	119	Montana.....	249	241	Texas.....	2,630	2,592
Florida.....	931	906	Nebraska.....	326	313	Utah.....	253	241
Georgia.....	1,015	967	Nevada.....	152	84	Vermont.....	73	78
Idaho.....	216	193	New Hampshire.....	87	84	Virginia.....	970	852
Illinois.....	2,094	2,200	New Jersey.....	867	855	Washington.....	585	625
Indiana.....	1,299	1,245	New Mexico.....	398	296	West Virginia.....	422	457
Iowa.....	531	536	New York.....	2,086	2,239	Wisconsin.....	921	922
Kansas.....	585	555	North Carolina.....	1,189	1,190	Wyoming.....	160	111

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

## No. 672.—MOTOR-VEHICLE ACCIDENT DEATHS BY AGE, COLOR, AND SEX: 1952

AGE	TOTAL			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
<b>All ages</b> .....	37,794	28,536	9,258	33,365	25,110	8,255	4,429	3,426	1,003
Under 1 year.....	308	163	145	272	144	128	36	19	17
1 to 4 years.....	1,643	977	666	1,413	836	577	230	141	89
5 to 9 years.....	1,342	862	480	1,168	744	424	174	118	56
10 to 14 years.....	953	667	286	863	599	264	90	68	22
15 to 19 years.....	3,640	2,747	893	3,290	2,488	802	350	259	91
20 to 24 years.....	4,475	3,712	763	3,984	3,325	659	491	387	104
25 to 34 years.....	6,437	5,260	1,177	5,495	4,510	985	942	750	192
35 to 44 years.....	4,943	3,836	1,107	4,235	3,256	979	708	580	128
45 to 54 years.....	4,328	3,195	1,133	3,689	2,699	990	639	496	143
55 to 64 years.....	4,135	3,025	1,110	3,736	2,704	1,032	399	321	78
65 to 74 years.....	3,472	2,563	904	3,239	2,387	852	233	181	52
75 years and over.....	2,072	1,489	583	1,945	1,392	553	127	97	30
Not stated.....	46	35	11	36	26	10	10	9	1

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

FIG. XLII.—PERCENT DISTRIBUTION OF DOMESTIC INTERCITY FREIGHT TRAFFIC, BY TYPE OF TRANSPORTATION: 1939 TO 1953

[Airways not shown separately—less than one-tenth of 1 percent. See table 673]

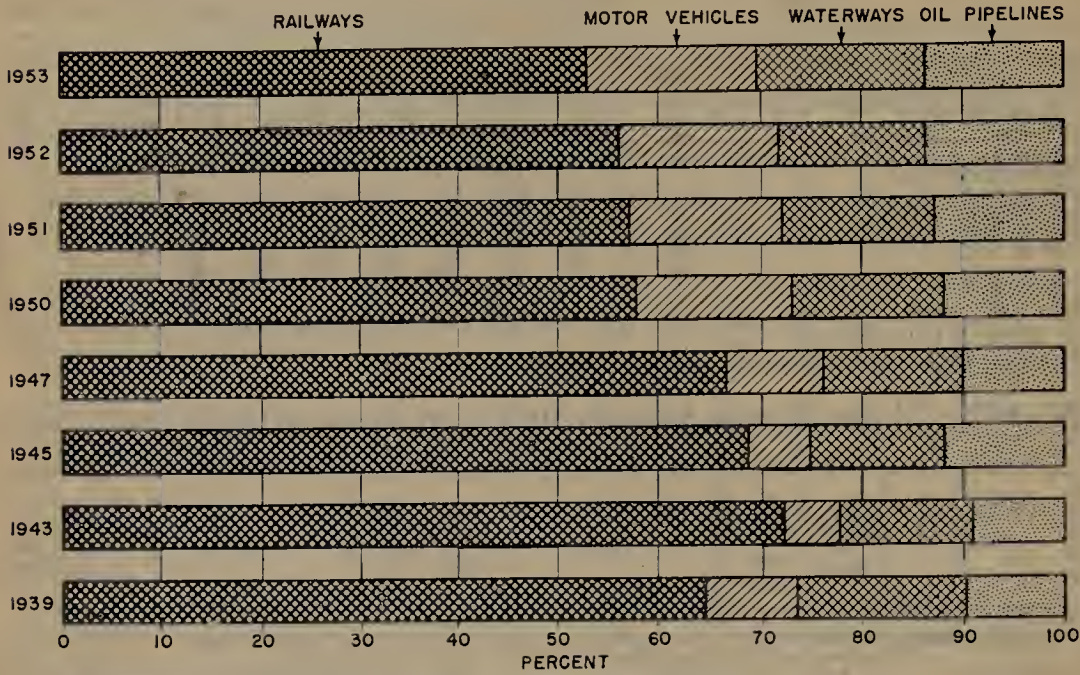
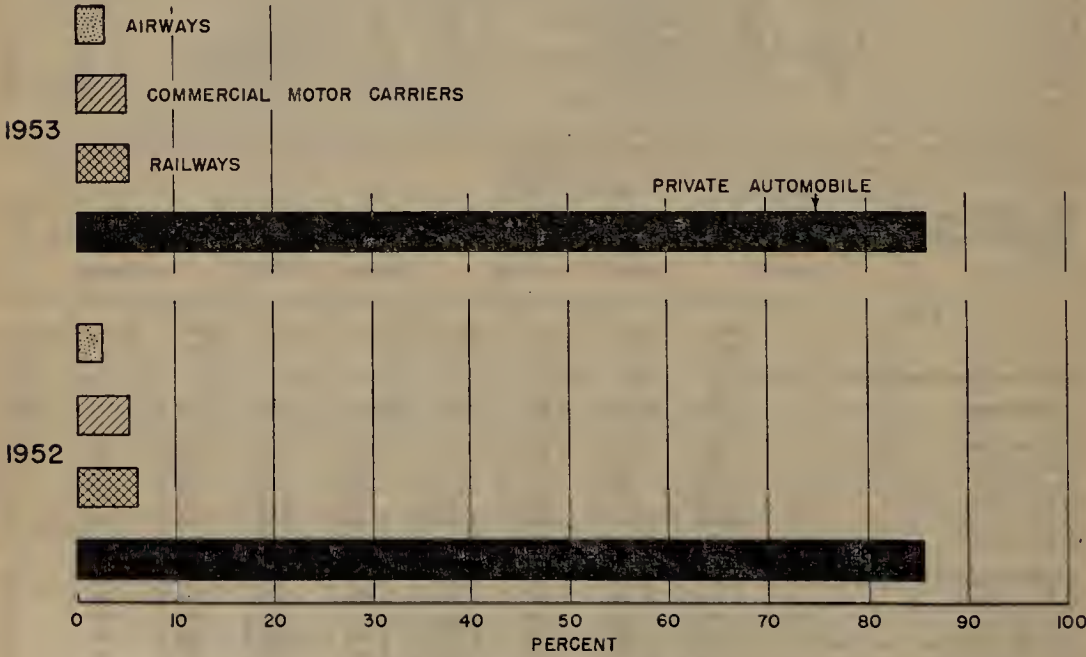


FIG. XLIII.—PERCENT DISTRIBUTION OF DOMESTIC INTERCITY PASSENGER TRAFFIC, BY TYPE OF TRANSPORTATION: 1952 AND 1953

[Inland waterways not shown separately—less than one-half of 1 percent. See table 674]



Source of figs. XLII and XLIII: Charts prepared by Department of Commerce, Bureau of the Census. Data are from Interstate Commerce Commission.



## 21. Transportation, Air and Land

**Steam railways.**—Because of the long period in which it has been subject to close Federal regulation and the degree of its consolidation, there is an extensive coverage of important statistical items relating to the railway industry. The *Statistics of Railways in the United States*, published annually by the Interstate Commerce Commission since 1888, is the most important source for steam railway statistics. Various other periodical reports are also issued by the Interstate Commerce Commission. The Association of American Railroads supplements official railway statistics with various releases.

The term "steam railways" as used in this section includes electrified divisions operated by such carriers. The total steam railroad mileage of the United States comprises: (1) Regular interstate carriers (and their nonoperating subsidiaries) reporting to the Interstate Commerce Commission; (2) switching and terminal railroads, also reporting to the Commission; and (3) private railroads (defined by the Commission as "circular" because they report on brief circulars and as "unofficial"). Except in certain mileage data the circular and unofficial companies are not included in any of the statistics. The switching and terminal roads were formerly included with operating railways, but are now separated, and data for them do not appear in most of the tables.

Nonoperating subsidiaries include proprietary companies, which are covered by the reports of operating carriers, and lessor companies which have no traffic and whose reports appear only in statistics of capitalization, dividends, and investment.

Operating railways are divided into three classes, according to the amount of their annual operating revenues, class I, having more than \$1,000,000 of such revenue; class II, from \$100,000 to \$1,000,000; and class III, less than \$100,000. During recent years more detailed reports are required from class I carriers than from smaller companies. The basis of the figures in each table is indicated by notes. Omission of class II and class III railroads affects very little the comparability of statistics with those of earlier years as regards most items, since the bulk of the business is done by class I.

The Interstate Commerce Commission divides railroads geographically into three districts and eight subsidiary regions. Each railroad is treated as a unit and placed wholly in some one district or region. Broadly speaking, the eastern district includes territory east of Chicago and north of the Ohio and Potomac Rivers; southern district, territory east of the Mississippi River and south of the Ohio and Potomac Rivers; and western district, the remainder of the country.

**Electric railways.**—The Interstate Commerce Commission issues annually an abstract of the annual reports of electric railways, chiefly interurban, which report to it. The American Transit Association publishes street railway statistics in its annual *Transit Fact Book*. The Bureau of the Census published a quinquennial report on electric railways from 1902 to 1937. In the more recent years the report also covered affiliated trolley-bus and motor-bus operations.

**Motor carriers.**—Statistics of class I for-hire carriers (those with \$100,000 or more of gross annual operating revenues) are compiled by the Interstate Commerce Commission from annual and quarterly reports submitted to it by these carriers. Beginning with reports for the year 1950, the class I minimum became \$200,000. This series begins with 1939 data.

The annual review and statistical number of *Bus Transportation*, a McGraw-Hill publication, summarizes operations of common carriers and school busses.

Note.—This section presents data for the most recent year or period available on April 25, 1955, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

**Civil aeronautics.**—Federal promotion and regulation of civil aviation are carried out by two bodies—the Civil Aeronautics Administration and the Civil Aeronautics Board. The Civil Aeronautics Board is an independent agency concerned primarily with the issuance of certificates of public necessity, economic regulation, the formulation of safety regulations and the investigation of accidents to civil aircraft. The Civil Aeronautics Administration is an operating agency of the Department of Commerce. Its principal activities are the building and operation of air navigation aids, the enforcement of safety regulations, and promotion of a national airport system.

The *Statistical Handbook of Civil Aviation* is published by the Civil Aeronautics Administration. This *Handbook* brings together all official statistical data on the development of civil aviation in the United States, including summaries of statistics published by the Civil Aeronautics Board.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series K 28-33") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

### NO. 673.—VOLUME OF DOMESTIC INTERCITY FREIGHT TRAFFIC, BY TYPE OF TRANSPORTATION: 1939 TO 1953

[In millions of ton-miles. A ton-mile is the movement of a ton (2,000 lbs.) of freight for the distance of one mile. Comprises public and private traffic and revenue and nonrevenue traffic]

YEAR	Total traffic, volume	RAILWAYS <sup>1</sup>		MOTOR VEHICLES		INLAND WATERWAYS <sup>2</sup>		OIL PIPELINES		AIRWAYS <sup>3</sup>	
		Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total	Volume	Per-cent of total
1939-----	574, 834	370, 150	64. 39	52, 821	9. 19	96, 249	16. 74	55, 602	9. 67	12	0.002
1940-----	651, 168	411, 813	63. 24	62, 007	9. 52	118, 057	18. 13	59, 277	9. 10	14	. 002
1941-----	810, 988	520, 931	64. 23	81, 156	10. 01	140, 454	17. 32	68, 428	8. 44	19	. 002
1942-----	972, 843	689, 304	70. 86	59, 853	6. 15	148, 565	15. 27	75, 087	7. 72	34	. 003
1943-----	1, 076, 349	780, 251	72. 49	56, 526	5. 25	141, 652	13. 16	97, 867	9. 09	53	. 005
1944-----	1, 136, 335	795, 198	69. 98	58, 047	5. 11	150, 155	13. 21	132, 864	11. 69	71	. 006
1945-----	1, 072, 156	736, 184	68. 66	66, 614	6. 21	142, 737	13. 31	126, 530	11. 80	91	. 008
1946-----	944, 168	642, 699	68. 07	81, 676	8. 65	123, 973	13. 13	95, 727	10. 14	93	. 010
1947-----	1, 060, 371	706, 675	66. 64	101, 663	9. 59	146, 714	13. 84	105, 161	9. 92	158	. 015
1948-----	1, 085, 795	688, 662	63. 42	115, 467	10. 63	161, 846	14. 91	119, 597	11. 02	223	. 021
1949-----	946, 838	567, 342	59. 92	124, 949	13. 20	139, 396	14. 72	114, 916	12. 14	235	. 025
1950-----	1, 091, 486	628, 463	57. 58	170, 184	15. 59	163, 344	14. 97	129, 175	11. 84	318	. 029
1951-----	1, 203, 554	686, 377	57. 03	182, 467	15. 16	182, 216	15. 14	152, 115	12. 64	379	. 031
1952-----	1, 161, 666	651, 276	56. 06	184, 106	15. 85	168, 367	14. 49	157, 502	13. 56	415	. 036
1953 (prel.)-----	1, 215, 258	639, 856	52. 65	206, 808	17. 02	202, 439	16. 66	165, 728	13. 64	427	. 035

<sup>1</sup> Includes electric railways, express, and mail.

<sup>2</sup> Includes Great Lakes.

<sup>3</sup> Domestic service only. Includes express, mail, and excess baggage.

<sup>4</sup> Part of this increase resulted from coverage of waterways previously existing but not covered.

Source: Interstate Commerce Commission; *Annual Report*, and Statement No. 544, *Intercity Ton-Miles, 1939-1952*, March 1954.



# No. 674.—VOLUME OF DOMESTIC INTERCITY PASSENGER TRAFFIC, BY TYPE OF TRANSPORTATION: 1952 AND 1953

[In millions of passenger-miles. A passenger-mile is the movement of one passenger for the distance of one mile. Comprises public and private traffic and revenue and nonrevenue traffic]

TYPE	1952		1953 (prel.)	
	Volume	Percent	Volume	Percent
<b>Total</b> -----	<b>556,337</b>	<b>100.00</b>	<b>582,139</b>	<b>100.00</b>
Railways, steam and electric-----	34,710	6.24	32,261	5.54
Motor vehicle-----	506,009	90.93	530,943	91.21
Commercial motor carriers-----	30,063	5.40	29,791	5.12
Private automobiles-----	475,946	85.55	501,152	86.09
Inland waterways (including Great Lakes)-----	1,396	0.25	1,487	0.26
Airways (domestic revenue service and private pleasure and business flying)-----	14,222	2.56	17,448	3.00

Source: Interstate Commerce Commission, *Annual Report*.

# No. 675.—STEAM RAILWAYS—MILEAGE OWNED AND MILEAGE OPERATED: 1925 TO 1953

[As of Dec. 31. See also *Historical Statistics*, series K 28-33]

ITEM	1925	1930	1935	1940	1945	1950	1952	1953
Number of operating companies <sup>1</sup> ---	947	775	661	574	517	471	454	448
Road owned, first track (miles) <sup>2</sup> ---	249,398	249,052	241,822	233,670	226,696	223,779	222,508	221,758
Miles operated: <sup>3</sup>								
All railways, road, first track-----	261,871	262,215	254,347	246,739	240,156	236,999	235,672	235,097
Total, reporting railways <sup>4</sup> -----	417,954	429,883	419,228	405,975	398,054	396,380	394,631	393,736
Road, first track-----	258,631	260,440	252,930	245,740	239,438	236,837	235,545	234,959
Other main tracks-----	40,962	42,742	41,916	41,373	41,106	40,456	39,977	39,794
Yard track and sidings-----	118,361	126,701	124,382	118,862	117,510	119,067	119,109	118,983
Class I railways, road, first track-----	236,848	242,391	237,491	232,524	227,877	226,101	225,567	225,194

CLASS OF COMPANIES	1951			1952			1953		
	Com- panies	Miles of road		Com- panies	Miles of road		Com- panies	Miles of road	
		Owned <sup>1</sup>	Oper- ated <sup>2</sup>		Owned <sup>2</sup>	Oper- ated <sup>3</sup>		Owned <sup>2</sup>	Oper- ated <sup>3</sup>
<b>Total</b> -----	<b>1,031</b>	<b>223,427</b>	<b>236,599</b>	<b>1,005</b>	<b>222,508</b>	<b>235,672</b>	<b>982</b>	<b>221,758</b>	<b>235,097</b>
Class I line-haul operating-----	127	183,551	225,974	126	184,801	225,567	126	191,218	225,194
Lessors to Class I-----	175	25,080	-----	170	23,921	-----	162	17,614	-----
Class II line-haul operating-----	167	7,134	8,202	163	6,853	7,715	159	6,696	7,555
Lessors to Class II-----	9	306	-----	9	308	-----	9	309	-----
Class III line-haul operating-----	164	2,141	2,300	162	2,094	2,263	159	2,043	2,210
Lessors to Class III-----	8	67	-----	9	70	-----	9	70	-----
Switching and terminal-----	<sup>5</sup> 255	( <sup>6</sup> )	( <sup>6</sup> )	<sup>5</sup> 252	( <sup>6</sup> )	( <sup>6</sup> )	<sup>5</sup> 250	( <sup>6</sup> )	( <sup>6</sup> )
Proprietary <sup>7</sup> -----	100	4,770	-----	90	4,116	-----	84	3,452	-----
Circular-----	20	297	108	20	296	105	18	282	95
Unofficial-----	6	81	15	4	49	22	6	74	43

<sup>1</sup> Classes I, II, III, circular, and unofficial.

<sup>2</sup> Covers continental U. S. only, excluding all duplication.

<sup>3</sup> Includes some duplication under trackage rights and some mileage in Canada operated by U. S. companies.

<sup>4</sup> Excludes circular and unofficial, figures for which cover road, first track only.

<sup>5</sup> Comprises 218 operating, 13 lessor, 14 proprietary, 9 circular, and 1 unofficial in 1951; 215 operating, 13 lessor, 14 proprietary, 8 circular, and 2 unofficial in 1952; and 214 operating, 13 lessor, 12 proprietary, 8 circular, and 3 unofficial in 1953.

<sup>6</sup> Figures omitted as "miles of road" of switching and terminal companies is not comparable with that of line-haul companies.

<sup>7</sup> Excludes proprietary companies in systems which file consolidated reports combining mileage, investment, and other items on a net system basis.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

No. 676.—STEAM RAILWAYS—SUMMARY STATISTICS: 1890 TO 1953

[Includes intercorporate duplications. Unless otherwise noted, covers railways of classes I, II, and III only, except that prior to 1908 returns for switching and terminal companies were included where applicable. See also *Historical Statistics*, series K 1-83]

YEAR	Number of operating rail-ways <sup>1</sup>	MILEAGE		EQUIPMENT <sup>4</sup>				
		Road owned (first track) <sup>2</sup>	Track operated (all track) <sup>3</sup>	Locomotives		Cars in service		
				Number in service	Average tractive effort <sup>5</sup>	Passen-ger cars	Freight-carrying cars	Average capacity of freight cars <sup>6</sup>
	Number	Miles	Miles	Number	Pounds	Number	Number	Tons
June 30:								
1890.....	1,013	163,597	199,875	30,140	26,820	918,491	-----	-----
1895.....	1,104	180,657	233,275	35,699	33,112	1,196,119	-----	-----
1900.....	1,224	193,346	258,784	37,663	34,713	1,365,531	-----	-----
1905.....	1,380	218,101	306,797	48,357	23,666	40,713	1,731,409	30.8
1910.....	1,306	240,293	351,767	60,019	27,282	47,179	2,148,478	35.9
1915.....	1,260	253,789	391,141	66,502	31,501	55,810	2,341,567	39.7
Dec. 31:								
1920.....	1,085	252,845	406,579	68,942	36,365	56,102	2,388,424	42.4
1925.....	947	249,398	417,954	68,098	40,666	56,814	2,414,083	44.8
1930.....	775	249,052	429,883	60,189	45,225	53,584	2,322,267	46.9
1935.....	661	241,822	419,228	49,541	48,367	42,426	1,867,381	48.3
1940.....	574	233,670	405,975	44,333	50,905	38,308	1,684,171	50.0
1945.....	517	226,696	398,054	46,253	53,217	38,633	1,787,073	51.1
1946.....	513	226,438	398,037	45,511	53,735	38,697	1,768,400	51.3
1947.....	502	225,806	397,355	44,344	54,506	39,057	1,759,758	51.5
1948.....	485	225,149	397,203	44,474	55,170	39,406	1,785,067	51.9
1949.....	481	224,511	397,232	43,272	56,333	38,006	1,778,811	52.4
1950.....	471	223,779	396,380	42,951	57,075	37,359	1,745,778	52.6
1951.....	462	223,427	395,831	42,473	58,476	36,326	1,777,878	52.9
1952.....	454	222,508	394,631	39,699	59,966	34,942	1,783,352	53.2
1953.....	468	221,758	393,736	37,251	61,339	34,106	1,801,874	53.5

YEAR	EMPLOYMENT AND WAGES		CAPITAL AND PROPERTY INVESTMENT (includes lessors)				
	Average number of em- ployees	Compen- sation of railroad employees	Road and equipment		Rail- way capital out-stand- ing <sup>8</sup>	Net capital- ization	Stock paying dividends
			Investment book value <sup>6</sup>	Deprecia- tion reserve <sup>7</sup>			
June 30:							
1890.....	1,000	\$1,000	\$1,000	\$1,000	Mil. dol. 8,984	Mil. dol. 7,577	\$1,000
1895.....	749	-----	8,133,665	-----	10,347	8,900	1,598,132
1900.....	785	445,508	9,203,491	-----	11,491	9,548	1,485,618
1905.....	1,018	577,265	10,263,313	-----	13,805	11,167	2,668,970
1910.....	1,382	839,945	11,951,349	-----	18,417	14,376	4,119,087
1915.....	1,699	1,143,725	14,557,816	-----	18,417	14,376	5,412,578
1920.....	1,548	1,277,663	17,441,420	511,452	21,128	16,308	5,219,847
Dec. 31:							
1925.....	2,076	3,754,281	19,849,320	1,081,342	21,891	16,994	5,075,040
1930.....	1,786	2,916,193	23,217,209	1,681,291	23,644	18,191	6,278,532
1935.....	1,517	2,588,598	26,051,000	2,360,767	24,331	19,066	7,702,021
1940.....	1,014	1,666,229	25,500,465	2,771,404	24,247	18,342	3,412,968
1945.....	1,046	1,990,631	25,646,014	3,095,237	23,371	17,630	3,741,132
1946.....	1,439	3,900,928	26,967,756	5,549,720	20,891	15,667	5,383,158
1947.....	1,378	4,213,530	27,277,974	5,800,975	20,545	15,509	5,221,681
1948.....	1,371	4,399,296	27,686,103	6,037,033	20,173	15,301	5,184,182
1949.....	1,345	4,820,747	28,664,759	6,279,892	20,302	15,467	6,446,317
1950.....	1,209	4,468,545	29,519,832	6,438,177	20,427	15,609	5,924,295
1951.....	1,237	4,644,890	30,174,312	6,629,150	20,399	15,618	6,768,658
1952.....	1,292	5,328,072	31,077,781	6,837,120	20,272	15,489	6,700,472
1953.....	1,242	5,352,489	31,822,114	6,926,771	20,072	15,487	6,734,590
	1,221	5,380,828	32,416,356	7,009,758	19,967	(12)	7,252,253

See footnotes at end of table.



## No. 676.—STEAM RAILWAYS—SUMMARY STATISTICS: 1890 TO 1953—Continued

YEAR OR YEARLY AVERAGE	INCOME AND EXPENSES					INTEREST AND DIVIDENDS (includes lessors)	
	Operating revenue	Operating expenses	Railway operating income	Railway tax accruals	Net income (includes lessors)	Dividends declared <sup>9</sup>	Interest accrued on funded debt
June 30:	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
1891-1895.....	1,127,531	759,588	-----	34,915	93,876	94,093	243,013
1896-1900.....	1,264,048	832,377	-----	41,970	151,550	104,295	249,548
1901-1905.....	1,854,682	1,226,737	-----	53,106	321,776	199,752	285,755
1906-1910.....	2,528,171	1,705,542	<sup>10</sup> 740,607	80,931	478,097	339,685	363,470
1911-1915.....	3,007,262	2,123,282	760,502	123,345	459,489	401,944	436,178
Dec. 31:							
1916-1920.....	4,870,468	3,971,453	672,380	227,680	562,892	350,789	480,053
1921-1925.....	6,003,699	4,684,135	988,751	328,822	562,314	400,389	558,375
1926-1930.....	6,139,269	4,502,029	1,249,408	386,372	807,103	543,007	582,701
1931-1935.....	3,473,819	2,622,222	585,346	265,137	29,932	225,072	580,677
1936-1940.....	4,071,163	2,998,447	719,380	353,335	132,951	198,307	532,413
1941-1945.....	8,122,360	5,507,771	1,349,035	1,265,554	746,475	268,997	512,508
1946-1950.....	8,909,102	6,989,656	1,008,253	911,192	598,275	310,937	374,957
1946.....	7,709,171	6,422,494	780,197	506,480	334,966	283,171	406,147
1947.....	8,784,214	6,869,806	965,136	949,273	537,405	280,397	374,150
1948.....	9,784,332	7,552,630	1,188,666	1,043,036	767,949	335,313	361,879
1949.....	8,680,791	6,968,296	867,406	845,089	496,103	306,995	365,393
1950.....	9,587,000	7,135,055	1,239,861	1,212,084	854,951	348,811	367,218
1951.....	10,511,612	8,122,521	1,165,447	1,223,644	757,934	373,574	367,244
1952.....	10,702,877	8,134,811	1,285,922	1,282,144	900,472	394,132	376,907
1953.....	10,787,891	8,218,223	1,364,302	1,205,366	939,887	445,145	378,218

YEAR OR YEARLY AVERAGE	PASSENGER SERVICE			FREIGHT SERVICE					
	Passenger revenue (rail line)	Passenger miles	Revenue per passenger mile	Freight revenue (rail line)	Revenue tons originated	Tons carried 1 mile	Revenue ton miles per mile of road	Revenue per ton-mile	Haul per ton
June 30:	\$1,000	Mil.	Cents	\$1,000	Mil. tons	Mil. tons	Ton-miles	Cents	Miles
1891-1895.....	281,415	13,383	2.10	758,930	-----	85,693	506,809	0.886	-----
1896-1900.....	279,900	13,863	2.02	879,837	<sup>11</sup> 543	113,962	611,128	.772	-----
1901-1905.....	416,609	20,737	2.01	1,298,714	691	167,715	820,016	.774	242.67
1906-1910.....	566,815	28,683	1.98	1,744,525	930	228,936	1,006,849	.762	246.10
1911-1915.....	672,792	33,768	1.99	2,051,625	1,074	277,073	1,104,718	.740	257.95
Dec. 31:									
1916-1920.....	1,021,536	42,548	2.40	3,419,260	1,326	390,815	1,510,297	.875	294.78
1921-1925.....	1,112,634	36,869	3.02	4,377,618	1,231	375,468	1,455,589	1.166	304.96
1926-1930.....	908,341	31,846	2.85	4,690,122	1,365	430,310	1,657,434	1.090	315.34
1931-1935.....	392,869	18,375	2.14	2,763,961	798	270,192	1,051,083	1.023	339.12
1936-1940.....	419,760	23,068	1.82	3,313,398	986	341,321	1,370,519	.971	346.13
1941-1945.....	1,342,958	71,713	1.87	6,221,235	1,482	654,687	2,711,448	.950	439.36
1946-1950.....	973,786	43,775	2.22	7,236,485	1,466	602,917	2,532,696	1.200	411.23
1946.....	1,261,416	64,754	1.95	5,866,351	1,432	594,943	2,488,499	.986	415.48
1947.....	965,005	45,972	2.10	7,140,881	1,613	657,878	2,752,915	1.085	407.82
1948.....	965,630	41,224	2.34	8,090,194	1,580	641,104	2,695,708	1.262	405.64
1949.....	862,139	35,133	2.45	7,151,237	1,284	529,111	2,429,430	1.352	412.02
1950.....	814,741	31,790	2.56	7,933,764	1,421	591,550	2,496,927	1.341	416.32
1951.....	901,019	34,640	2.60	8,757,874	1,547	649,831	2,748,700	1.348	419.99
1952.....	906,838	34,033	2.67	8,915,130	1,447	617,941	2,622,463	1.443	426.93
1953.....	842,663	31,679	2.66	9,077,996	1,448	608,964	2,592,188	1.491	420.66

<sup>1</sup> Includes circular and unofficial companies. <sup>2</sup> Comprises lessors, proprietary, circular, and unofficial companies.

<sup>3</sup> For railways reporting track by class. Excludes circular and unofficial, figures for which cover road, first track only.

<sup>4</sup> Includes switching and terminal companies except as noted.

<sup>5</sup> Since 1916 represents steam locomotives and freight cars of class I railways, excluding switching and terminal companies.

<sup>6</sup> Increase in investment over a period of years cannot be obtained accurately by subtraction of 1 year's investment from that of another owing to reorganization, sale, or abandonment, reclassification, etc. Includes lessor companies since 1921; for 1925 and subsequent years, includes proprietary companies except those which are part of systems filing consolidated annual reports.

<sup>7</sup> Includes depreciation on "Miscellaneous physical property" for years prior to 1920. Amortization of defense projects included subsequent to 1940.

<sup>8</sup> Comprises actually outstanding, nominally issued, and nominally outstanding securities, and equipment obligations. <sup>9</sup> Beginning 1952, includes partnership withdrawals.

<sup>10</sup> Average for 1908-1910.

<sup>11</sup> Average for 1899 and 1900.

<sup>12</sup> Not available.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

# No. 677.—STEAM RAILWAYS—MILES OF ROAD OWNED, BY STATES AND FOR TERRITORIES: 1870 TO 1953

[Data are for actual length of line in each State without duplication. Figures relate to June 30 prior to 1920 and Dec. 31 thereafter; they include reporting circular and unofficial railways, but beginning with 1910 exclude switching and terminal roads. See also *Historical Statistics*, series K 1, 2, and 29, for annual U. S. totals]

DIVISION AND STATE OR TERRITORY	1870 <sup>1</sup>	1880 <sup>1</sup>	1890	1900	1910 <sup>2</sup>	1920	1930	1940	1950	1953
<b>Cont. U. S.</b> .....	52,922	93,267	163,597	193,346	240,439	252,845	249,052	233,670	223,779	221,758
<b>New England</b> .....	4,494	5,982	6,718	7,521	7,921	7,942	7,596	6,677	6,396	6,273
Maine.....	786	1,005	1,338	1,915	2,248	2,295	2,193	1,882	1,830	1,796
New Hampshire.....	736	1,015	1,145	1,239	1,246	1,252	1,165	1,002	936	907
Vermont.....	614	914	921	1,012	1,100	1,077	1,056	919	889	862
Massachusetts.....	1,480	1,915	2,094	2,119	2,115	2,105	2,022	1,793	1,726	1,696
Rhode Island.....	136	210	213	212	212	211	191	194	185	181
Connecticut.....	742	923	1,007	1,024	1,000	1,001	969	887	830	831
<b>Middle Atlantic</b> .....	9,709	13,832	18,161	20,709	21,980	22,293	21,752	20,175	19,180	18,890
New York.....	3,928	5,957	7,661	8,121	8,430	8,390	8,312	7,739	7,493	7,363
New Jersey.....	1,125	1,684	2,047	2,257	2,260	2,352	2,299	2,108	1,992	1,972
Pennsylvania.....	4,656	6,191	8,453	10,331	11,290	11,551	11,141	10,328	9,695	9,555
<b>South Atlantic</b> .....	7,349	9,789	18,270	23,362	29,795	32,380	31,644	29,475	27,924	27,669
Delaware.....	197	275	323	347	335	335	325	295	295	295
Dist. of Columbia.....			30	32	36	36	36	35	34	34
Maryland.....	671	1,040	1,231	1,376	1,426	1,436	1,443	1,367	1,309	1,289
Virginia.....	1,486	1,893	3,160	3,779	4,535	4,703	4,516	4,261	4,073	4,091
West Virginia.....	387	691	1,328	2,228	3,601	3,996	4,046	3,831	3,719	3,690
North Carolina.....	1,178	1,486	3,001	3,831	4,932	5,522	5,161	4,668	4,435	4,334
South Carolina.....	1,139	1,427	2,194	2,818	3,442	3,814	3,780	3,466	3,223	3,195
Georgia.....	1,845	2,459	4,532	5,652	7,056	7,326	6,671	6,334	6,043	6,017
Florida.....	446	518	2,471	3,299	4,432	5,212	5,666	5,218	4,793	4,724
<b>East North Central</b> .....	14,701	25,109	36,924	41,007	44,928	44,904	43,770	41,281	39,851	39,506
Ohio.....	3,538	5,792	7,912	8,807	9,134	9,002	8,804	8,501	8,418	8,419
Indiana.....	3,177	4,373	5,971	6,471	7,420	7,426	7,106	6,889	6,652	6,641
Illinois.....	4,823	7,851	10,214	11,003	11,878	12,188	12,500	11,949	11,643	11,404
Michigan.....	1,638	3,938	7,243	8,195	9,021	8,734	8,072	7,303	6,803	6,776
Wisconsin.....	1,525	3,155	5,584	6,531	7,475	7,554	7,288	6,639	6,335	6,266
<b>West North Central</b> .....	8,046	19,094	38,354	42,988	49,730	52,180	51,400	48,293	47,108	46,974
Minnesota.....	1,092	3,151	5,466	6,943	8,669	9,114	8,779	8,421	8,333	8,287
Iowa.....	2,683	5,400	8,356	9,185	9,755	9,808	9,698	8,950	8,585	8,522
Missouri.....	2,000	3,965	6,004	6,875	8,083	8,117	7,897	7,042	6,735	6,739
North Dakota.....		65	1,941	2,731	4,201	5,311	5,275	5,266	5,256	5,255
South Dakota.....			2,486	2,850	3,948	4,276	4,238	4,006	3,958	3,950
Nebraska.....	705	1,953	5,295	5,685	6,067	6,166	6,174	6,044	5,800	5,782
Kansas.....	1,501	3,400	8,806	8,719	9,007	9,388	9,339	8,564	8,441	8,439
<b>East South Central</b> .....	4,656	6,343	11,144	13,343	17,074	17,754	17,452	16,179	15,574	15,449
Kentucky.....	1,017	1,530	2,746	3,060	3,526	3,929	4,054	3,691	3,641	3,569
Tennessee.....	1,492	1,843	2,752	3,137	3,816	4,078	3,940	3,573	3,471	3,464
Alabama.....	1,157	1,843	3,314	4,226	5,226	5,378	5,249	4,996	4,723	4,675
Mississippi.....	990	1,127	2,332	2,920	4,506	4,369	4,209	3,919	3,739	3,741
<b>West South Central</b> .....	1,417	5,044	13,782	18,221	31,122	32,972	33,227	31,497	29,771	29,560
Louisiana.....	450	652	1,759	2,824	5,554	5,223	4,654	4,357	4,079	4,048
Texas.....	711	3,244	8,613	9,886	14,282	16,125	17,069	16,356	15,611	15,524
Oklahoma.....		289	1,214	2,151	5,980	6,572	6,678	6,302	5,977	5,957
Arkansas.....	256	859	2,196	3,360	5,306	5,052	4,826	4,482	4,104	4,031
<b>Mountain</b> .....	1,466	5,082	12,676	15,808	22,956	25,170	24,973	23,518	22,101	21,689
Montana.....		106	2,181	3,010	4,207	5,072	5,228	5,149	5,059	5,038
Wyoming.....	459	512	942	1,229	1,645	1,931	2,036	2,008	1,925	1,890
Colorado.....	157	1,570	4,176	4,587	5,533	5,519	4,972	4,552	4,273	4,016
New Mexico.....		758	1,324	1,753	3,032	2,972	2,973	2,812	2,496	2,475
Arizona.....		349	1,097	1,512	2,097	2,478	2,494	2,228	2,197	2,152
Utah.....	257	842	1,090	1,547	1,986	2,161	2,196	2,082	1,788	1,763
Nevada.....	593	739	925	909	2,277	2,160	2,109	1,941	1,650	1,649
Idaho.....		206	941	1,261	2,179	2,877	2,965	2,746	2,713	2,706
<b>Pacific</b> .....	1,084	2,992	7,567	10,389	14,932	17,248	17,238	16,575	15,874	15,748
Washington.....		289	1,783	2,914	4,875	5,587	5,542	5,243	5,124	5,026
Oregon.....	159	508	1,428	1,724	2,285	3,305	3,456	3,385	3,217	3,232
California.....	925	2,195	4,356	5,751	7,772	8,356	8,240	7,947	7,533	7,490
<b>Alaska</b> .....				22	390	246	790	536	567	568
<b>Hawaii</b> .....					175	243	232	192	25	25

<sup>1</sup> Represents mileage operated.

<sup>2</sup> Corrected total is 240,293; not distributed by States.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.



# No. 678.—STEAM RAILWAYS (ALL REPORTING COMPANIES)—EQUIPMENT IN SERVICE: 1925 TO 1953

["All reporting companies" include switching and terminal but not circular and unofficial lines. Data for tractive effort and capacity of cars exclude switching roads, also smaller roads during recent years; they would not be materially different if all carriers were included. Excludes the large number of cars owned by private car lines. See also *Historical Statistics*, series K 34-38]

YEAR ENDING DEC. 31—	LOCOMOTIVES								FREIGHT-CARRYING CARS <sup>3</sup>			Passen- ger- train cars
	Total num- ber <sup>1</sup>	Steam			Elec- tric loco- motive units	Diesel electric locomotive units			Total num- ber (1,000)	Capacity <sup>2</sup>		
		Num- ber	Tractive effort <sup>2</sup>			Num- ber	Tractive effort <sup>2</sup>			Aggre- gate (1,000 tons)	Aver- age (tons)	
			Aggregate (1,009 lh.)	Aver- age (lb.)			Aggre- gate (1,000 lh.)	Aver- age (lb.)				
1925-----	68,098	67,713	2,586,868	40,666	379	1	(4)	(4)	2,414	105,570	44.8	56,814
1930-----	60,189	59,406	2,526,940	45,225	663	77	(4)	(4)	2,322	106,180	46.9	53,584
1935-----	49,541	48,477	2,206,201	48,367	884	130	(4)	(4)	1,867	88,677	48.3	42,426
1940-----	44,333	42,410	2,038,284	50,905	900	967	43,939	55,130	1,684	82,722	50.0	38,308
1943-----	45,406	41,983	2,083,618	52,451	907	2,476	117,300	55,200	1,784	88,968	50.7	38,331
1944-----	46,305	41,921	2,096,046	52,822	902	3,432	171,957	56,398	1,797	89,960	50.8	38,217
1945-----	46,253	41,018	2,067,639	53,217	885	4,301	213,193	55,868	1,787	89,872	51.1	38,633
1946-----	45,511	39,592	2,017,807	53,735	867	5,008	248,129	55,872	1,768	89,391	51.3	38,697
1947-----	44,344	36,942	1,913,593	54,506	864	6,495	326,255	56,524	1,760	89,225	51.5	39,057
1948-----	44,474	34,581	1,815,860	55,170	867	8,981	455,287	56,285	1,785	91,294	51.9	39,406
1949-----	43,272	30,344	1,631,633	56,333	856	12,025	617,506	56,714	1,779	91,961	52.4	38,006
1950-----	42,951	26,680	1,463,413	57,075	827	15,396	807,523	57,487	1,746	90,465	52.6	37,359
1951-----	42,473	22,590	1,271,671	58,476	817	19,014	1,018,119	58,202	1,778	92,671	52.9	36,326
1952-----	39,699	16,738	964,130	59,966	791	22,118	1,207,349	58,918	1,783	93,544	53.2	34,942
1953-----	37,251	12,274	723,007	61,339	713	24,209	1,336,529	59,393	1,802	95,075	53.5	34,106

<sup>1</sup> Includes locomotives other than classes shown. <sup>2</sup> Class I roads.

<sup>3</sup> Excludes caboose cars. <sup>4</sup> Not available.

## No. 679.—STEAM RAILWAYS—CARS IN SERVICE, BY CLASS: 1940 TO 1953

["All operating companies" include switching and terminal companies but not circular and unofficial lines. Excludes cars owned by private car lines, roughly equaling one-tenth of those owned by railway companies]

CLASS	ALL OPERATING COMPANIES					CLASS I, 1953			
	1940	1945	1950	1952	1953	Total	Eastern district	South- ern dis- trict	West- ern dis- trict
<b>Freight-train cars</b> .....	1,706,387	1,812,271	1,769,983	1,807,413	1,825,026	1,799,111	720,525	435,492	643,094
Steel <sup>1</sup> .....	956,004	1,153,145	1,335,676	1,446,236	1,499,070	1,499,070	670,368	385,749	442,953
Steel underframe <sup>1</sup> .....	640,428	570,513	374,532	304,379	270,273	270,273	41,494	43,608	185,171
<b>Freight-carrying cars</b> .....	1,684,171	1,787,073	1,745,778	1,783,352	1,801,874	1,776,816	711,912	430,809	634,095
Box.....	708,682	745,901	718,150	739,270	740,267	735,592	273,284	135,580	326,728
Flat.....	65,752	71,092	67,712	73,581	75,992	73,231	9,510	22,118	41,603
Stock.....	54,674	54,484	46,381	42,742	41,680	41,680	5,465	3,024	33,191
Gondola and hopper (open and closed tops).....	809,538	874,553	874,801	888,540	905,803	889,905	420,592	264,276	205,037
Tank.....	8,836	9,030	8,436	7,917	8,015	7,339	52	158	7,129
Refrigerator.....	21,772	21,001	19,083	19,071	19,131	19,125	1,535	609	16,981
Other.....	14,917	11,012	11,215	12,231	10,986	9,944	1,474	5,044	3,426
Caboose cars.....	22,216	25,198	24,205	24,061	23,152	22,295	8,613	4,683	8,999
<b>Passenger-train cars</b> .....	38,308	38,633	37,359	34,942	34,106	33,948	17,842	4,990	11,116
Steel <sup>1</sup> .....	29,897	31,838	33,220	31,852	31,601	31,601	16,695	4,580	10,326
Steel underframe <sup>1</sup> .....	6,442	5,576	3,651	2,782	2,237	2,237	1,110	394	733
Coaches.....	17,470	17,668	16,488	14,957	14,460	14,408	8,848	1,786	3,774
Combination coach.....	3,207	2,748	2,331	2,021	1,879	1,811	917	306	588
Parlor and sleeping <sup>2</sup> .....	422	731	437	383	397	397	144	59	194
Dining.....	1,535	1,552	1,836	1,691	1,617	1,617	575	302	740
Club, lounge, and ob- servation.....	370	278	430	439	422	422	69	54	299
Postal.....	1,829	1,701	1,770	1,680	1,586	1,586	818	226	542
Baggage, express, and other nonpassenger.....	13,087	13,671	13,817	13,529	13,481	13,454	6,411	2,228	4,815
Other passenger.....	105	26	20	30	65	64	19	10	35
Other passenger-train.....	283	258	230	212	199	189	41	19	129
<b>Company service equip- ment</b> .....	77,811	90,056	95,547	93,545	91,874	90,274	25,876	19,310	45,088
<b>Motor cars and trailers</b> .....	4,081	3,820	3,697	3,567	3,544	3,544	2,942	344	258

<sup>1</sup> Data represent class I roads only; figures exclude caboose cars.

<sup>2</sup> Excludes cars owned or leased by Pullman Co.

Source of tables 678 and 679: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

# No. 680.—STEAM RAILWAYS (CLASS I)—EQUIPMENT INSTALLED AND PERMANENTLY WITHDRAWN FROM SERVICE: 1938 TO 1953

[Comprises owned and leased equipment]

YEAR	LOCOMOTIVES		FREIGHT-TRAIN CARS		PASSENGER-TRAIN CARS	
	New units installed	Units permanently withdrawn <sup>1</sup>	New units installed	Units permanently withdrawn <sup>1</sup>	New units installed	Units permanently withdrawn <sup>1</sup>
1938	252	1,129	15,213	60,827	275	1,009
1939	298	1,660	23,236	74,229	209	790
1940	421	1,260	60,455	54,846	154	754
1941	632	718	76,392	26,693	297	587
1942	716	579	58,595	15,257	273	364
1943	891	268	28,000	13,516	8	255
1944	1,245	519	38,970	24,589	104	223
1945	901	1,110	37,132	44,247	111	375
1946	712	1,424	38,823	52,713	481	521
1947	1,398	2,739	55,543	62,594	858	736
1948	2,350	2,377	95,979	69,363	951	803
1949	2,884	4,099	80,815	85,577	939	923
1950	3,215	3,495	40,032	72,669	1,078	1,188
1951	3,514	4,093	86,627	54,496	183	1,109
1952	3,062	5,851	64,347	59,889	195	1,480
1953	2,141	4,412	67,229	46,304	329	1,325

<sup>1</sup> Permanently withdrawn for sale or demolition.Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

# No. 681.—STEAM RAILWAYS (CLASS I)—FUEL CONSUMPTION AND RAIL AND TIE REPLACEMENTS: 1930 TO 1953

[Excludes rails and ties laid in new construction. Short ton is 2,000 pounds; long ton, 2,240 pounds]

CLASS	ALL DISTRICTS						
	1930	1935	1940	1945	1950	1952	1953
Consumption of fuel by steam locomotives:							
Anthracite.....1,000 short tons..	1,140	508	286	139	41	( <sup>1</sup> )	( <sup>1</sup> )
Bituminous coal.....do.....	98,400	71,335	79,628	115,154	55,410	32,885	23,402
Fuel oil.....1,000 gallons..	2,366,569	1,998,176	2,502,868	4,413,072	2,277,220	1,496,932	987,852
Other fuel equivalent 1,000 short tons..			34	32	39	39	( <sup>4</sup> )
<b>Total, coal equivalent <sup>2</sup> 1,000 short tons..</b>	<sup>3</sup> 114,458	<sup>3</sup> 84,783	96,067	143,806	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Rails laid in replacement and betterment:							
Total tonnage.....1,000 long tons..	2,674	1,159	1,912	2,956	2,191	1,835	2,057
Total charges <sup>5</sup> .....\$1,000..	98,521	36,218	64,516	106,010	124,894	111,758	141,558
Ties laid in previously constructed tracks:							
Cross ties.....1,000..	63,354	44,326	43,621	43,912	30,494	30,332	29,809
Switch and bridge ties 1,000 board feet..	235,315	156,536	145,553	130,520	98,400	96,917	99,792
Total charges <sup>5</sup> .....\$1,000..	94,207	52,370	59,047	97,908	92,912	108,576	110,476

CLASS	1952			1953		
	Eastern district	Southern district	Western district	Eastern district	Southern district	Western district
Consumption of fuel by steam locomotives:						
Bituminous.....1,000 short tons..	14,405	8,515	9,965	9,776	6,007	7,619
Fuel oil.....1,000 gallons..	4,569	18,623	1,473,740	1,524	6,960	979,368
Other fuel equivalent.....1,000 short tons..	1		38	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Total, coal equivalent <sup>2</sup> 1,000 short tons..</b>	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Rails laid in replacement and betterment:						
Total tonnage.....1,000 long tons..	592	448	795	594	487	976
Total charges <sup>5</sup> .....\$1,000..	37,654	26,551	47,553	41,703	34,150	65,705
Ties laid in previously constructed tracks:						
Cross ties.....1,000..	7,839	8,117	14,376	7,936	7,479	14,394
Switch and bridge ties.....1,000 board feet..	29,229	25,232	42,456	29,982	24,977	44,833
Total charges <sup>5</sup> .....\$1,000..	31,956	28,584	48,036	33,095	27,224	50,157

<sup>1</sup> Less than 500 tons.<sup>2</sup> Ratio of fuel oil to coal left to experience of each road.<sup>3</sup> Includes equivalent of a small amount of miscellaneous fuel.<sup>4</sup> Not available.<sup>5</sup> Excludes labor cost of applying rails or ties.Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.



# No. 682.—STEAM RAILWAYS—STOCK OUTSTANDING, DIVIDENDS, AND INTEREST: 1891 TO 1953

[For years ending June 30 prior to 1916, calendar years thereafter. Comprises both operating and nonoperating roads. Excludes switching and terminal roads beginning with 1908. Dividend figures throughout cover all classes of roads, but interest figure for 1913 excludes unimportant class III roads. Amount of stock shown in first column is exclusive of stock held by or for issuing company, but includes that held by other railway companies. See also *Historical Statistics*, series K 67, 80, and 81]

YEAR OR YEARLY AVERAGE	STOCK			DIVIDENDS			Interest accrued unfunded debt (\$1,000)
	Actually outstanding (\$1,000)	Paying dividends (\$1,000)	Percent paying dividends	Amount declared (\$1,000)	Percent on stock paying dividends	Percent on all stock outstanding	
1891-1895	-----	1,737,048	-----	94,093	5.42	-----	243,013
1896-1900	-----	1,977,832	-----	104,295	5.27	-----	249,548
1901-1905	-----	3,505,694	-----	199,752	5.70	-----	285,755
1906-1910	-----	4,930,368	-----	339,685	6.89	-----	363,470
1911-1915	8,561,050	5,595,888	65.36	401,944	7.18	4.70	436,178
1916-1920	8,866,429	5,310,622	59.90	350,789	6.61	3.96	480,053
1921-1925	9,131,529	5,669,613	62.09	400,389	7.06	4.38	558,375
1926-1930	9,697,138	7,108,596	73.31	543,007	7.64	5.60	582,701
1931-1935	9,992,404	4,113,651	41.17	225,072	5.47	2.25	580,677
1936-1940	9,814,851	3,511,140	35.77	198,307	5.65	2.02	532,413
1941-1945	9,460,110	5,118,116	54.10	268,997	5.26	2.84	512,508
1946-1950	9,256,362	5,909,027	63.84	310,937	5.26	3.36	374,957
1949	9,222,322	5,924,295	64.24	306,995	5.18	3.33	365,393
1950	9,184,132	6,768,658	73.70	348,811	5.15	3.80	367,218
1951	9,211,990	6,700,472	72.74	373,574	5.58	4.06	367,244
1952	9,196,329	6,734,590	73.23	394,042	5.85	4.28	376,907
1953	8,891,005	7,252,253	81.57	445,145	6.14	5.01	378,218

# No. 683.—STEAM RAILWAYS—SECURITIES ACTUALLY OUTSTANDING: 1930 TO 1953

[In thousands of dollars. Capital actually outstanding represents securities in hands of public or of railway companies other than those issuing same; excludes securities held by or for issuing company. Excludes switching and terminal companies]

SECURITY AND YEAR ENDING DEC. 31—	ALL RAILROADS				Class I	Class II	Class III	Non-operating subsidiaries
	All districts	Eastern district	Southern district	Western district				
Total:								
1930	22,782,889	9,128,919	3,658,575	9,995,395	19,006,276	349,079	64,814	3,362,720
1935	22,079,551	9,210,379	3,401,012	9,468,160	18,530,040	300,476	53,426	3,195,609
1940	21,047,280	8,910,221	3,344,555	8,792,504	17,761,161	237,786	44,147	3,004,186
1945	18,681,292	8,074,078	2,839,008	7,768,206	16,030,795	207,822	27,088	2,415,587
1950	18,273,631	7,811,310	3,112,420	7,349,901	15,959,385	178,995	21,319	2,113,932
1951	18,219,950	7,729,298	3,087,069	7,403,583	15,967,107	171,194	21,462	2,060,186
1952	18,066,968	7,624,881	3,108,801	7,333,286	15,929,543	161,750	20,693	1,954,982
1953	17,658,048	7,527,124	3,110,432	7,020,492	16,057,310	155,496	20,510	1,424,732
Stock:								
1930	10,011,538	4,290,108	1,461,628	4,259,802	8,267,129	207,556	45,068	1,491,785
1935	9,925,202	4,325,471	1,431,397	4,168,334	8,218,994	194,922	38,217	1,473,069
1940	9,769,974	4,364,337	1,441,969	3,963,668	8,159,960	162,720	31,705	1,415,529
1945	9,423,342	4,029,886	1,398,890	3,994,566	8,008,565	150,861	21,024	1,242,892
1950	9,184,132	3,734,695	1,449,690	3,999,747	7,892,586	135,833	18,096	1,137,617
1951	9,211,990	3,733,764	1,440,226	4,038,000	7,941,835	129,938	17,929	1,122,288
1952	9,196,329	3,717,672	1,439,029	4,039,628	7,954,988	123,535	17,469	1,100,337
1953	8,891,005	3,675,151	1,437,734	3,778,120	7,933,248	119,239	17,299	821,219
Funded debt:								
1930	12,771,351	4,838,811	2,196,947	5,735,593	10,739,147	141,523	19,746	1,870,935
1935	12,154,349	4,884,908	1,969,615	5,299,826	10,311,046	105,554	15,209	1,722,540
1940	11,277,306	4,545,884	1,902,586	4,828,836	9,601,201	75,066	12,382	1,588,657
1945	9,257,950	4,044,192	1,440,118	3,773,640	8,022,230	56,961	6,064	1,172,695
1950	9,089,499	4,076,615	1,662,730	3,350,154	8,066,799	43,162	3,223	976,315
1951	9,007,960	3,995,534	1,646,843	3,365,883	8,025,272	41,257	3,533	937,898
1952	8,870,639	3,907,209	1,669,772	3,293,658	7,974,555	38,215	3,224	854,645
1953	8,767,043	3,851,974	1,672,698	3,242,371	8,124,062	36,258	3,211	603,512
1953								
Common stock	7,022,594	3,192,575	1,221,967	2,608,052	6,156,562	108,846	17,016	740,170
Preferred stock	1,868,411	482,576	215,768	1,170,067	1,776,686	10,393	283	81,049
Mortgage bonds	6,678,110	3,027,974	1,186,922	2,463,214	6,064,831	29,625	3,046	580,608
Collateral trust bonds	153,687	96,650	12,086	44,951	146,793	994	-----	5,900
Unsecured bonds (debentures)	300,278	76,732	65,535	158,011	292,337	1,269	-----	6,672
Miscellaneous obligations	14,109	8,512	2,680	2,917	11,631	1,229	165	1,084
Equipment obligations	1,620,858	642,105	405,474	573,279	1,608,470	3,140	-----	9,248

Source of tables 682 and 683: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

# No. 684.—STEAM RAILWAYS (ALL REPORTING COMPANIES)—CAPITALIZATION AND CAPITAL EXPENDITURES: 1890 TO 1953

[In millions of dollars, except as indicated. Excludes switching and terminal companies beginning with 1910; their total capitalization in 1952 was \$716,896,000. Comprises both operating and nonoperating railways. Gross figures include considerable amounts of securities held by companies issuing them as well as larger amounts held by other railway companies. See also *Historical Statistics*, series K 62-66 and 68-70]

YEAR	TOTAL CAPITALIZATION				HELD BY RAILROADS		NET CAPITALIZATION		CAPITAL EXPENDITURES FOR ADDITIONS AND BETTERMENTS <sup>1</sup>	
	Total	Common stock	Preferred stock	Funded debt	Stock	Funded debt	Total	Per mile of road	Equipment	Roadway and structures
June 30:								Dollars	\$1,000	\$1,000
1890.....	8,984	3,803	606	4,575	964	443	7,577			
1900.....	11,491	4,522	1,323	5,646	1,470	473	9,548			
1910.....	18,417	6,710	1,403	10,304	2,555	1,486	14,376	62,819		
Dec. 31:										
1920.....	21,891	7,215	1,898	12,778	2,407	2,490	16,994	68,787		
1925.....	23,644	7,602	1,937	14,105	2,654	2,799	18,191	74,460	338,114	410,077
1930.....	24,331	8,009	2,074	14,248	2,897	2,368	19,066	77,343	328,269	544,339
1935.....	24,247	7,987	2,036	14,224	3,022	2,883	18,342	76,389	79,335	108,967
1940.....	23,371	8,005	2,064	13,302	3,048	2,693	17,630	75,839	271,906	157,241
1942.....	22,742	7,882	1,959	12,901	2,880	2,547	17,315	75,974	349,374	185,523
1943.....	22,149	7,842	1,936	12,371	2,857	2,537	16,755	74,162	255,981	198,301
1944.....	21,693	7,790	2,023	11,880	2,849	2,568	16,276	72,037	328,231	231,881
1945.....	20,891	7,743	2,004	11,144	2,739	2,485	15,667	69,654	309,760	240,139
1946.....	20,545	7,733	1,980	10,832	2,699	2,337	15,509	68,982	318,602	231,152
1947.....	20,173	7,539	2,003	10,631	2,540	2,332	15,301	68,161	571,269	289,573
1948.....	20,302	7,543	2,016	10,743	2,644	2,191	15,467	68,930	920,783	344,590
1949.....	20,427	7,519	2,012	10,896	2,612	2,206	15,609	69,751	983,907	321,768
1950.....	20,399	7,492	2,002	10,905	2,514	2,267	15,618	69,984	779,399	286,443
1951.....	20,272	7,491	2,006	10,775	2,499	2,284	15,489	69,513	1,050,849	363,146
1952.....	20,072	7,514	1,987	10,571	2,460	2,125	15,487	69,843	935,090	405,822
1953.....	19,967	7,545	1,929	10,493	(2)	(2)	(2)	(2)	887,893	401,901

<sup>1</sup> Class I railways. <sup>2</sup> Not available.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

# No. 685.—STEAM RAILWAYS—INVESTMENT, INCOME, AND DIVIDENDS: 1910 TO 1953

[Excludes data for switching and terminal companies. Investment is as reported by carrier and should not be confused with tentative valuation fixed by Interstate Commerce Commission. See also *Historical Statistics*, series K 60, 61, and 77, for earlier data on investment and net operating income]

YEAR ENDING DEC. 31—	Investment book value <sup>1</sup>	Investment per mile of road	Depreciation reserve <sup>2</sup>	Net railway operating income	Return on investment	Other income <sup>3</sup>	Interest, rents, and other deductions <sup>3</sup>	Dividends declared <sup>3</sup>
	\$1,000	Dollars	\$1,000	\$1,000	Percent	\$1,000	\$1,000	\$1,000
1910, June 30.....	<sup>4</sup> 14,557,816	64,382		805,097	5.53	222,915	511,417	351,202
1920.....	19,849,320	81,954	1,081,342	12,101	0.06	(5)	<sup>6</sup> 640,516	275,348
1925.....	23,217,209	94,917	1,681,291	1,136,728	4.89	272,102	706,272	349,089
1930.....	26,051,000	105,661	2,360,767	874,154	3.36	361,196	716,730	511,259
1935.....	25,500,465	106,339	2,771,404	505,415	1.98	186,228	686,688	131,448
1940.....	25,646,014	110,449	3,095,237	690,554	2.69	170,794	670,257	166,506
1943.....	26,145,458	115,288	3,939,562	1,370,568	5.24	202,969	667,257	220,522
1944.....	26,631,654	117,771	4,382,604	1,113,153	4.18	213,082	640,423	249,592
1945.....	26,967,756	119,664	5,549,720	858,864	3.18	206,993	589,073	249,581
1946.....	27,277,974	121,074	5,800,975	624,868	2.29	211,983	548,819	237,605
1947.....	27,686,103	123,215	6,037,033	790,534	2.86	230,980	536,442	240,733
1948.....	28,664,759	127,625	6,279,892	1,014,815	3.54	237,410	544,784	295,191
1949.....	29,519,832	131,784	6,438,177	693,957	2.35	256,934	508,408	257,192
1950.....	30,174,312	135,076	6,629,150	1,055,309	3.50	267,850	527,342	319,116
1951.....	31,077,781	139,332	6,837,120	956,699	3.08	276,258	529,037	337,339
1952.....	31,822,114	143,238	6,926,771	1,091,657	3.43	291,329	547,461	344,094
1953.....	32,416,356	146,214	7,009,758	1,122,512	3.46	312,003	(7)	364,200

<sup>1</sup> Includes proprietary companies. Increase in investment over a period of years cannot be obtained accurately by subtraction of 1 year's investment from that of another owing to reorganization, sale or abandonment, reclassification, etc.

<sup>2</sup> Amortization of defense projects included subsequent to 1940.

<sup>3</sup> Excludes returns for lessor companies. Investment originally published is increased by \$170,000,000, estimated reserve for accrued depreciation, to make figures comparable with those of other years.

<sup>4</sup> Comparable figure not available.

<sup>5</sup> Excludes returns for class II and class III companies.

<sup>6</sup> Not available.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.



## No. 686.—STEAM RAILWAYS—REVENUES, EXPENSES, AND INCOME: 1936 TO 1953

[Excludes switching and terminal companies; operating revenues of switching and terminal companies: 1950, \$233,092,000; 1951, \$261,675,000; 1952, \$263,194,000; 1953, \$274,639,000; operating expenses: 1950, \$158,995,000; 1951, \$188,893,000; 1952, \$189,091,000; 1953, \$198,652,000. See also *Historical Statistics*, series K 71-79]

ITEM	ALL ROADS						
	1936-40, average	1941-45, average	1946-50, average	1950	1951	1952	1953
Average miles of line (first track) operated.....	249,100	241,723	238,023	236,911	236,414	235,634	234,912
Income account items (\$1,000):							
Operating revenues.....	4,071,163	8,122,360	8,909,102	9,587,000	10,511,612	10,702,877	10,787,891
Per mile of line.....dollars..	16,343	33,602	37,430	40,467	44,463	45,422	45,923
Operating expenses.....	2,998,447	5,507,771	6,989,656	7,135,055	8,122,521	8,134,811	8,218,223
Percent of revenue.....	73.65	67.81	78.46	74.42	77.27	75.93	76.18
Net revenue from operations.....	1,072,716	2,614,589	1,919,445	2,451,945	2,389,091	2,568,066	2,569,668
Per mile of line.....dollars..	4,306	10,816	8,064	10,350	10,106	10,943	10,811
Tax accruals.....	353,335	1,265,554	911,192	1,212,084	1,223,644	1,282,144	1,205,366
Net railway operating income.....	587,364	1,170,308	835,897	1,055,309	956,699	1,091,657	1,122,512

ITEM	CLASS I							
	Total		Eastern district		Southern district		Western district	
	1952	1953	1952	1953	1952	1953	1952	1953
Average miles of line (first track) operated.....	225,687	225,242	53,154	52,908	45,739	45,508	126,794	126,826
Income account items (\$1,000):								
Operating revenues.....	10,580,762	10,664,169	3,948,474	4,031,911	2,138,604	2,117,250	4,493,684	4,515,008
Per mile of line.....dollars..	46,882	47,345	74,284	76,206	46,757	46,525	35,441	35,600
Operating expenses.....	8,052,518	8,135,229	3,175,756	3,219,262	1,547,525	1,532,454	3,329,237	3,383,513
Percent of revenue.....	76.11	76.29	80.43	79.84	72.36	72.38	74.09	74.94
Net revenue from operations.....	2,528,244	2,528,940	772,718	812,649	591,079	584,796	1,164,447	1,131,495
Per mile of line.....dollars..	11,202	11,228	14,537	15,360	12,923	12,850	9,184	8,922
Tax accruals.....	1,261,835	1,185,001	352,910	342,481	315,246	294,590	593,679	547,930
Net railway operating income.....	1,078,220	1,109,399	341,101	367,147	280,286	291,808	456,833	450,444

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

## No. 687.—STEAM RAILWAYS—RECEIVERSHIPS AND TRUSTEESHIPS: 1884 TO 1953

[Beginning 1935, includes roads under trusteeship]

YEAR (CALENDAR, EXCEPT AS NOTED)	UNDER RE- CEIVERSHIP END OF YEAR <sup>1</sup>		PLACED UNDER RE- CEIVERSHIP			YEAR (CALENDAR, EXCEPT AS NOTED)	UNDER RE- CEIVERSHIP END OF YEAR <sup>1</sup>		PLACED UNDER RE- CEIVERSHIP		
	Num- ber	Mileage oper- ated	Num- ber	Mile- age oper- ated	Stocks and long- term debt		Num- ber	Mileage oper- ated	Num- ber	Mile- age oper- ated	Stocks and long- term debt <sup>2</sup>
					\$1,000						\$1,000
1884.....			37	11,038	714,755	1940.....	103	75,270	1	24	33
1885.....			44	8,836	385,460	1943.....	82	64,758	2	<sup>3</sup> 14	5,522
1890.....			26	2,963	105,007	1944.....	76	50,497	3	<sup>3</sup> 22	3,854
1895.....	169	37,866	31	4,089	369,075	1945.....	72	39,714	1	<sup>3</sup> 96	7,012
1900.....	52	4,178	16	1,165	78,234	1946.....	65	34,389			
1905.....	26	796	10	3,593	176,321	1947.....	52	22,750	2	<sup>3</sup> 31	425
1910.....	39	5,257	7	735	51,428	1948.....	46	13,283	4	<sup>3</sup> 29	7,078
1915.....	85	30,223	12	20,143	1,070,809	1949.....	44	12,679	2	<sup>3</sup> 441	115,572
1920.....	61	16,290	10	511	21,620	1950.....	42	12,223			
1925.....	53	18,687	6	11,368	680,422	1951.....	42	12,212			
1930.....	30	9,486	4	4,752	277,324	1952.....	40	11,942	1	( <sup>3</sup> )	1,406
1935.....	87	68,345	13	27,124	2,168,871	1953.....	39	12,054	1	<sup>3</sup> 265	32,720

<sup>1</sup> Data relate to June 30 through 1915, Dec. 31 thereafter.

<sup>2</sup> Beginning 1940, includes receivers and trustees certificates and nonnegotiable debt to affiliated companies.

<sup>3</sup> Owned mileage for recent years as follows: 1943, 171; 1944, 98; 1945, 118; 1947, 365; 1948, 163; 1949, 420; 1952, 43; 1953, 256.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

# No. 688.—STEAM RAILWAYS (CLASS I)—RAILWAY TAX ACCRUALS, BY STATES: 1935 TO 1953

[Excludes switching and terminal companies and includes nonoperating subsidiaries. Total railroad taxes, Federal and State in 1953, by classes, were as follows: Class I and subsidiaries, \$1,187,425,738 (including \$4,785,468 Canadian, \$156,252 Mexican, \$351 Cuhan, and \$6 Great Britain taxes); class II and subsidiaries \$17,484,004; class III and subsidiaries, \$2,911,949; switching and terminal companies, \$53,607,898; grand total, \$1,261,429,589]

STATE	AMOUNT (\$1,000)						PER MILE OF LINE (dollars)			
	1935	1940	1945	1950	1952	1953	1945	1950	1952	1953
<b>Total</b> .....	238,372	397,391	822,868	1,191,615	1,259,212	1,182,796	3,834	5,585	5,916	5,572
<b>U. S. Government taxes</b> .....	26,796	183,546	551,004	868,037	908,729	824,704	2,568			
<b>New England:</b>										
Maine.....	1,232	1,161	1,795	1,909	1,893	1,897	1,001	1,090	1,114	1,117
New Hampshire.....	718	538	523	627	631	624	565	690	697	691
Vermont.....	413	258	286	310	309	311	402	430	437	448
Massachusetts.....	3,964	3,832	4,414	5,004	5,420	5,105	2,574	2,938	3,198	3,051
Rhode Island.....	664	635	798	770	856	910	4,585	4,402	4,948	5,260
Connecticut.....	711	946	1,416	1,288	1,367	1,402	1,626	1,559	1,653	1,695
<b>Middle Atlantic:</b>										
New York.....	23,685	24,156	29,878	34,594	37,483	37,811	4,070	4,801	5,229	5,344
New Jersey.....	17,520	19,793	30,901	16,162	17,149	18,109	16,767	8,930	9,511	10,083
Pennsylvania.....	9,342	10,754	9,378	12,539	12,865	12,636	986	1,350	1,392	1,378
<b>South Atlantic:</b>										
Delaware.....	151	150	154	179	185	188	522	607	627	638
Dist. of Col.....	138	224	253	364	389	433	7,429	10,711	11,102	12,732
Maryland.....	1,748	2,110	3,523	3,678	3,954	3,967	3,179	3,334	3,592	3,517
Virginia.....	5,192	5,500	7,811	9,383	11,469	11,598	1,999	2,430	2,956	2,988
West Virginia.....	8,229	8,096	7,870	10,291	10,550	10,151	2,273	2,940	3,031	2,921
North Carolina.....	3,696	4,110	4,907	5,091	5,578	5,516	1,362	1,381	1,540	1,527
South Carolina.....	2,396	1,937	2,548	2,421	2,979	2,920	845	816	1,010	993
Georgia.....	2,434	2,519	3,146	5,414	5,059	5,369	593	1,035	971	1,031
Florida.....	3,039	2,132	3,046	4,470	4,911	5,654	731	990	1,099	1,267
<b>East North Central:</b>										
Ohio.....	10,452	11,063	12,722	16,124	18,807	18,368	1,534	1,945	2,265	2,211
Indiana.....	6,520	6,278	7,488	10,416	11,975	12,157	1,141	1,588	1,830	1,857
Illinois.....	13,610	12,900	19,040	24,127	26,002	27,376	1,640	2,094	2,278	2,420
Michigan.....	5,346	5,035	5,538	5,751	8,034	7,859	853	891	1,248	1,216
Wisconsin.....	4,921	4,455	4,581	5,437	5,316	5,199	728	871	857	842
<b>West North Central:</b>										
Minnesota.....	4,291	6,529	9,871	12,209	13,252	13,913	1,210	1,498	1,634	1,717
Iowa.....	3,804	2,986	3,388	5,196	6,103	6,015	386	606	715	706
Missouri.....	3,336	2,757	2,900	5,262	6,062	6,450	424	785	905	964
North Dakota.....	2,114	2,559	2,954	4,903	4,835	4,710	568	945	932	908
South Dakota.....	2,191	1,063	1,115	1,665	1,681	1,598	282	421	423	405
Nebraska.....	3,060	2,978	3,689	5,519	5,242	5,088	634	952	906	880
Kansas.....	6,232	5,327	6,322	9,801	10,828	11,436	750	1,167	1,290	1,364
<b>East South Central:</b>										
Kentucky.....	3,552	5,048	5,380	7,336	7,628	7,921	1,553	2,080	2,194	2,279
Tennessee.....	2,558	2,841	5,784	6,600	7,718	8,027	1,767	2,020	2,366	2,462
Alabama.....	2,378	2,736	3,592	3,886	4,841	5,012	819	893	1,124	1,164
Mississippi.....	2,937	3,079	3,962	4,639	5,005	5,397	1,110	1,316	1,419	1,531
<b>West South Central:</b>										
Louisiana.....	4,087	3,854	4,318	5,093	5,384	5,487	1,169	1,394	1,483	1,515
Texas.....	5,487	5,250	5,562	7,174	7,185	7,332	388	501	495	507
Oklahoma.....	3,667	3,723	4,277	5,886	5,956	6,183	726	1,005	1,017	1,056
Arkansas.....	2,290	2,038	2,880	3,828	3,752	3,848	722	1,051	1,033	1,060
<b>Mountain:</b>										
Montana.....	4,460	4,068	4,058	6,380	6,301	6,373	815	1,281	1,270	1,285
Wyoming.....	1,671	1,715	1,970	2,834	2,860	3,096	1,110	1,596	1,520	1,646
Colorado.....	3,363	3,021	4,026	5,977	5,669	6,031	1,009	1,526	1,454	1,555
New Mexico.....	1,883	1,758	2,019	2,148	2,199	2,250	824	887	915	937
Arizona.....	3,055	2,597	3,154	5,228	5,089	4,779	1,554	2,583	2,516	2,402
Utah.....	2,243	2,309	2,956	3,083	3,269	3,230	1,605	1,733	1,856	1,841
Nevada.....	1,756	1,813	1,819	2,126	2,290	2,358	1,229	1,442	1,554	1,600
Idaho.....	2,516	2,524	2,949	4,027	4,251	4,314	1,111	1,521	1,609	1,633
<b>Pacific:</b>										
Washington.....	3,882	3,346	4,734	5,458	6,126	5,798	952	1,098	1,238	1,178
Oregon.....	2,413	2,297	2,673	5,187	5,165	5,164	901	1,773	1,761	1,761
California.....	6,229	7,047	13,496	15,783	18,621	20,722	2,023	2,296	2,716	3,030

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.



## No. 689.—STEAM-RAILWAY FREIGHT SERVICE—SUMMARY STATISTICS: 1936 TO 1953

[Excludes switching and terminal roads except as noted. Tons of 2,000 pounds. See also *Historical Statistics*, series K 43-52]

ITEM	ALL ROADS						
	1936-1940, average	1941-1945, average	1946-1950, average	1950	1951	1952	1953
Freight revenue, rail line							
\$1,000.....	3,313,398	6,221,235	7,236,485	7,933,764	8,757,874	8,915,130	9,077,996
Per train-mile <sup>1</sup> .....dol.	6.95	9.29	12.72	15.18	16.33	17.48	18.18
Per loaded car-mile <sup>1</sup> .....cents	23.6	27.9	35.7	39.8	41.9	44.3	45.3
Tons originated, revenue.....1,000	986,094	1,481,798	1,466,130	1,420,891	1,547,238	1,447,410	1,447,644
Tons carried, total, revenue.....1,000	1,778,746	2,925,421	2,781,640	2,710,919	2,940,872	2,769,619	2,750,960
Tons carried 1 mile:							
Revenue freight.....millions	341,322	654,687	602,917	591,550	649,831	617,942	608,964
Revenue ton-miles per mile of road.....1,000	1,370,519	2,711,448	2,532,696	2,496,927	2,748,700	2,622,463	2,592,188
Revenue per ton-mile <sup>2</sup> .....cents	.971	.950	1.200	1.341	1.348	1.443	1.491
Freight-train miles.....1,000	478,402	666,694	569,388	522,816	536,582	510,316	499,550
Freight-train car-miles:							
Loaded, revenue and non-revenue.....1,000	13,882,934	21,969,322	20,051,850	19,735,505	20,709,222	19,919,914	19,862,880
Empty.....1,000	8,371,016	11,938,016	10,427,275	10,195,410	10,659,317	10,856,830	11,113,933
Average miles per car per day <sup>3</sup>		46.2	42.8	42.5	43.8	42.8	43.2
Revenue ton-miles per train-mile.....	713	977	1,059	1,131	1,211	1,211	1,219
Ton-miles per loaded car mile <sup>4</sup> .....	24.6	29.7	30.1	30.0	31.4	31.0	30.7
Haul per ton:							
U. S. as a system.....miles	346.13	439.36	411.23	416.32	419.99	426.93	420.66
Individual railway.....miles	191.89	222.44	216.75	218.21	220.97	223.11	221.36
Revenue per ton:							
U. S. as a system.....dol.	3.36	4.20	4.94	5.58	5.66	6.16	6.27
Individual railway.....dol.	1.86	2.13	2.60	2.93	2.98	3.22	3.30

ITEM	CLASS I							
	Total		Eastern district		Southern district		Western district	
	1952	1953	1952	1953	1952	1953	1952	1953
Freight revenue, rail line								
\$1,000.....	8,788,635	8,950,522	3,123,351	3,231,243	1,848,230	1,840,261	3,817,054	3,879,018
Per train-mile.....dol.	17.48	18.18	20.45	21.17	17.15	18.03	15.75	16.32
Per loaded car-mile.....cents	44.3	45.3	51.5	52.8	45.0	46.2	39.5	40.1
Tons originated, revenue.....1,000	1,382,595	1,384,301	488,104	491,586	385,778	377,349	508,713	515,366
Tons carried, total revenue.....1,000	2,626,187	2,612,624	1,126,132	1,122,609	637,432	625,386	862,623	864,629
Tons carried 1 mile:								
Revenue freight.....millions	614,754	605,813	195,936	196,361	144,530	138,203	274,288	271,249
Revenue and nonrevenue.....millions	642,523	631,338	202,012	201,634	150,584	143,534	289,927	286,170
Revenue ton-miles per mile of road.....1,000	2,722,052	2,687,176	3,682,060	3,706,263	3,156,439	3,031,173	2,162,907	2,138,409
Revenue per ton-mile <sup>2</sup> .....cents	1.430	1.478	1.596	1.648	1.279	1.332	1.392	1.430
Freight-train miles.....1,000	502,891	492,409	152,741	152,634	107,751	102,072	242,399	237,703
Freight-train car miles:								
Loaded, revenue and nonrevenue.....1,000	19,826,704	19,769,872	6,061,623	6,117,888	4,105,518	3,981,281	9,659,563	9,670,703
Empty.....1,000	10,798,220	11,054,944	3,293,254	3,446,380	2,444,148	2,396,114	5,060,818	5,212,450
Average miles per car per day <sup>3</sup>	42.8	43.2	32.1	32.7	45.0	44.4	52.9	54.7
Revenue ton-miles per train-mile.....	1,236	1,243	1,303	1,307	1,352	1,362	1,143	1,150
Ton-miles per loaded car mile <sup>4</sup> .....	32.4	32.0	33.3	33.0	36.7	36.1	30.0	29.6
Haul per ton:								
U. S. as a system.....miles	444.6	437.7	401.4	399.4	374.6	366.2	539.2	526.3
Individual railway.....miles	234.1	231.9	174.0	174.9	226.7	221.0	318.0	313.7
Revenue per ton:								
U. S. as a system.....dol.	6.36	6.47	6.40	6.57	4.79	4.88	7.50	7.53
Individual railway.....dol.	3.35	3.43	2.78	2.88	2.90	2.94	4.42	4.49

<sup>1</sup> Class I roads only.      <sup>2</sup> Based on freight revenue from rail-line operations.<sup>3</sup> Includes switching and terminal companies.<sup>4</sup> Based on revenue ton-miles; nonrevenue ton-miles not available for all roads.<sup>5</sup> Based on revenue and nonrevenue ton-miles.Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

# No. 690.—STEAM RAILWAYS (CLASS I)—OPERATING REVENUES, FREIGHT AND PASSENGER REVENUE, AND FREIGHT TON-MILES, BY MONTHS: 1925 TO 1954

[Except at times of general revisions in freight rates, changes in freight revenue closely parallel those of ton-mileage. Excludes class I switching and terminal companies]

YEAR	Average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>TOTAL OPERATING REVENUES (\$1,000,000)</b>													
1925.....	510.2	479.2	450.1	481.1	468.6	483.5	501.7	517.1	549.9	559.9	585.3	527.4	518.7
1930.....	440.1	446.3	423.2	447.7	445.9	457.6	439.7	451.8	461.0	462.2	478.0	394.3	373.9
1935.....	287.5	264.2	254.9	280.9	274.7	279.5	281.3	275.3	294.0	306.9	341.0	301.3	296.1
1940.....	358.2	345.6	313.6	327.1	321.6	343.5	345.0	366.2	381.5	382.7	413.7	375.5	381.9
1945.....	741.6	750.9	712.8	812.9	778.6	822.6	819.9	795.7	754.9	678.9	697.0	661.2	613.7
1946.....	635.6	641.0	579.1	646.2	566.6	532.6	612.0	674.1	710.3	660.4	710.0	658.2	637.7
1947.....	724.0	685.6	636.2	718.7	690.3	725.4	697.8	706.0	746.0	727.1	794.8	755.9	804.3
1948.....	806.0	750.7	715.9	776.6	729.0	796.4	838.1	842.0	868.1	844.8	878.1	823.3	806.6
1949.....	714.4	730.7	675.8	739.1	747.3	741.1	735.5	700.7	742.8	695.3	649.2	704.8	710.8
1950.....	789.4	657.0	584.9	743.3	713.8	745.4	779.2	772.2	889.8	872.0	925.4	862.2	927.9
1951.....	865.9	848.7	715.8	875.6	851.6	888.6	855.7	817.0	910.2	856.2	965.8	903.3	902.2
1952.....	881.8	867.2	845.1	875.6	847.6	870.6	814.5	790.7	899.7	942.1	985.2	908.0	935.1
1953.....	888.7	863.0	813.0	919.6	905.6	901.6	924.4	925.9	924.8	904.3	934.3	832.4	815.3
1954.....	780.9	749.8	722.3	802.5	766.0	765.1	803.5	779.8	804.8	781.6	804.4	793.0	798.0
<b>FREIGHT REVENUE (\$1,000,000)</b>													
1930.....	340.3	338.0	327.0	345.2	345.6	354.1	331.4	347.1	354.5	363.3	385.5	310.9	280.7
1935.....	233.0	211.5	206.5	229.2	222.6	224.9	225.8	221.1	235.7	250.6	285.4	248.7	234.4
1940.....	294.8	283.1	257.7	266.7	265.3	284.7	280.7	300.7	310.7	316.1	348.2	315.2	308.4
1945.....	544.2	558.4	536.8	622.8	593.9	626.0	610.7	589.2	547.3	488.3	492.3	463.7	401.2
1950.....	651.4	537.3	482.0	630.5	601.8	634.7	649.2	639.7	748.1	725.0	784.5	710.8	673.6
1951.....	719.6	709.7	600.2	741.0	722.0	752.4	710.7	674.1	758.9	716.5	816.3	743.4	689.4
1952.....	732.4	713.0	704.4	729.4	702.3	720.4	663.9	644.8	744.8	796.0	838.1	769.6	762.6
1953.....	745.9	713.7	684.4	779.6	765.8	763.0	776.3	773.5	773.5	763.1	794.3	702.0	661.3
1954.....	650.0	617.1	602.7	674.2	638.0	639.0	666.0	642.5	664.2	653.0	678.8	669.5	652.9
<b>PASSENGER REVENUE (\$1,000,000)</b>													
1930.....	60.8	70.5	61.3	61.8	59.6	60.4	67.2	65.8	67.4	59.1	52.4	48.7	55.4
1935.....	29.8	30.5	27.3	27.7	27.2	27.1	31.0	31.6	33.9	30.8	28.6	27.8	34.4
1940.....	34.8	36.1	31.9	33.3	30.0	29.7	35.9	37.7	41.0	36.1	33.5	31.2	40.8
1945.....	143.0	139.2	125.9	133.6	129.2	138.9	152.2	150.7	153.3	140.1	146.5	145.6	161.1
1950.....	67.8	69.7	57.8	59.6	60.6	56.8	71.7	76.0	78.2	71.6	66.3	65.9	79.3
1951.....	75.0	78.2	63.8	70.6	66.8	70.7	80.6	80.6	83.8	74.1	71.1	71.8	88.2
1952.....	75.5	82.3	73.5	74.1	71.9	76.0	81.7	80.5	80.5	70.6	66.0	65.0	84.1
1953.....	70.2	79.2	64.7	67.1	67.1	66.9	75.3	79.7	76.8	66.1	62.7	61.8	74.5
1954.....	63.8	70.0	57.4	58.5	59.6	60.4	69.3	72.5	73.4	62.3	57.3	57.5	69.0
<b>FREIGHT TON-MILES (1,000,000) <sup>1</sup></b>													
1930.....	35,179	36,718	34,347	35,301	34,900	36,573	34,417	35,595	37,423	36,232	39,294	32,310	29,034
1935.....	26,031	24,967	24,124	27,598	23,340	24,672	25,951	23,174	25,938	27,731	31,218	27,432	26,179
1940.....	33,820	32,518	29,662	31,118	29,909	33,081	32,900	33,716	36,406	37,060	38,614	35,955	34,903
1945.....	60,504	60,676	58,924	68,224	65,215	68,631	66,558	64,696	60,487	56,078	53,260	53,453	49,844
1950.....	51,883	41,793	36,383	50,937	49,687	51,155	51,865	51,952	59,415	57,941	61,980	54,817	54,608
1951.....	56,573	56,511	48,367	59,057	56,863	58,753	56,619	53,276	60,023	58,118	61,843	56,746	52,668
1952.....	53,716	54,740	54,094	55,954	52,152	54,563	47,308	44,827	56,949	58,213	58,066	56,975	50,753
1953.....	52,853	51,702	47,738	53,227	52,571	56,296	55,194	53,686	57,490	54,054	57,276	49,703	45,166
1954.....	47,513	46,107	43,047	46,190	45,224	49,117	47,637	46,914	48,921	48,175	52,712	48,521	47,588

<sup>1</sup> Revenue and nonrevenue (freight trains).

Source: Interstate Commerce Commission; monthly reports, *Operating Revenues and Operating Expenses of Class I Steam Railways and Operating Statistics of Class I Steam Railways*.



# No. 691.—STEAM RAILWAYS—PASSENGERS CARRIED AND PASSENGER REVENUE: 1936 TO 1953

[Passenger service revenue per train-mile includes revenue from mail, express, etc., but average revenue per passenger-mile is computed only from revenue from passengers themselves. See also *Historical Statistics*, series K 39-42]

ITEM	ALL ROADS						
	1936-40, average	1941-45, average	1946-50, average	1950	1951	1952	1953
Passengers carried.....1,000	471,362	772,393	638,334	488,019	485,468	470,979	458,252
Passengers carried 1 mile.....millions	23,068	71,713	43,775	31,790	34,640	34,033	31,679
Average journey per passenger							
miles.....	48.94	92.85	68.58	65.14	71.35	72.26	69.13
Passenger train-miles.....1,000	403,715	453,217	403,855	359,055	356,391	345,533	333,919
Passenger train car-miles.....1,000	2,992,350	4,167,194	3,791,382	3,450,642	3,477,732	3,434,125	3,324,601
Passenger revenue.....\$1,000	419,760	1,342,958	973,786	814,741	901,019	906,838	842,663
Passenger service train revenue per train-mile <sup>1</sup> .....dollars	1.49	3.58	3.29	3.61	3.76	4.00	3.91
Revenue per passenger per mile							
cents.....	1.82	1.87	2.22	2.56	2.60	2.67	2.66
Average passengers per train.....	57	158	109	89	97	98	95

ITEM	CLASS I							
	Total		Eastern district		Southern district		Western district	
	1952	1953	1952	1953	1952	1953	1952	1953
Passengers carried.....1,000	469,537	456,817	331,074	325,500	54,971	51,505	83,492	79,812
Passengers carried 1 mile								
millions.....	34,010	31,655	15,626	14,869	5,224	4,841	13,160	11,945
Average journey per passenger								
miles.....	72.43	69.29	47.20	45.68	95.03	93.99	157.62	149.67
Passenger train-miles.....1,000	344,468	333,128	136,028	130,100	59,560	56,761	148,880	146,267
Passenger train car-miles.....1,000	3,431,444	3,322,339	1,298,726	1,252,591	611,805	589,833	1,520,913	1,479,915
Passenger revenue.....\$1,000	906,127	841,906	464,572	438,878	137,996	127,944	303,559	275,084
Passenger service train revenue per train-mile.....dollars	4.00	3.91	4.75	4.77	3.67	3.65	3.45	3.24
Revenue per passenger per mile								
cents.....	2.66	2.66	2.97	2.95	2.64	2.64	2.31	2.30
Average passengers per train.....	99	95	115	114	88	85	88	82

<sup>1</sup> Based on data for class I roads only.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

# No. 692.—STEAM RAILWAYS (CLASS I)—NUMBER OF CARS OF REVENUE FREIGHT LOADED, BY PRINCIPAL COMMODITIES: 1925 TO 1954

[In thousands. Figures are 52-week totals]

YEAR	Total	Grain and grain products	Live-stock	Coal	Coke	Forest products	Ore	Miscellaneous	Mdse., less than carload
1925.....	51,224	2,306	1,636	8,905	623	3,737	2,012	18,813	13,193
1930.....	45,878	2,265	1,285	7,927	488	2,369	1,662	17,681	12,201
1935.....	31,504	1,577	714	6,145	340	1,384	1,036	12,227	8,081
1937.....	37,670	1,789	722	6,977	508	1,828	2,208	15,174	8,466
1938.....	30,457	1,967	703	5,541	275	1,418	846	12,026	7,682
1939.....	33,911	1,940	694	6,083	414	1,584	1,615	13,751	7,831
1940.....	36,358	1,835	685	6,820	549	1,800	2,148	14,842	7,679
1941.....	42,352	2,028	651	7,606	679	2,190	2,683	18,476	8,040
1942.....	42,771	2,185	745	8,356	732	2,445	3,016	19,755	5,537
1943.....	42,440	2,648	838	8,507	752	2,229	2,816	19,571	5,080
1944.....	43,408	2,521	892	8,890	751	2,271	2,649	20,007	5,428
1945.....	41,918	2,734	894	8,296	695	2,039	2,474	19,258	5,529
1946.....	41,341	2,497	925	8,004	587	2,263	1,996	18,744	6,325
1947.....	44,502	2,726	770	9,088	732	2,415	2,651	20,049	6,071
1948.....	42,719	2,468	630	8,690	739	2,348	2,701	19,636	5,457
1949.....	35,911	2,583	551	6,218	588	1,952	2,210	17,220	4,589
1950.....	38,903	2,466	491	7,240	727	2,226	2,529	18,955	4,269
1951.....	40,499	2,588	497	7,503	838	2,363	3,004	19,840	3,866
1952.....	37,985	2,565	492	6,717	673	2,270	2,653	18,924	3,691
1953.....	38,301	2,458	452	6,382	693	2,260	3,146	19,407	3,503
1954.....	33,863	2,548	447	5,650	422	2,078	2,115	17,407	3,196

Source: Association of American Railroads, Car Service Division, Washington, D. C.; annual summary, *Cars of Revenue Freight Loaded*. Weekly reports are published currently.

No. 693.—STEAM RAILWAYS (CLASS I)—REVENUE FREIGHT ORIGINATED, BY COMMODITY GROUPS: 1930 TO 1953

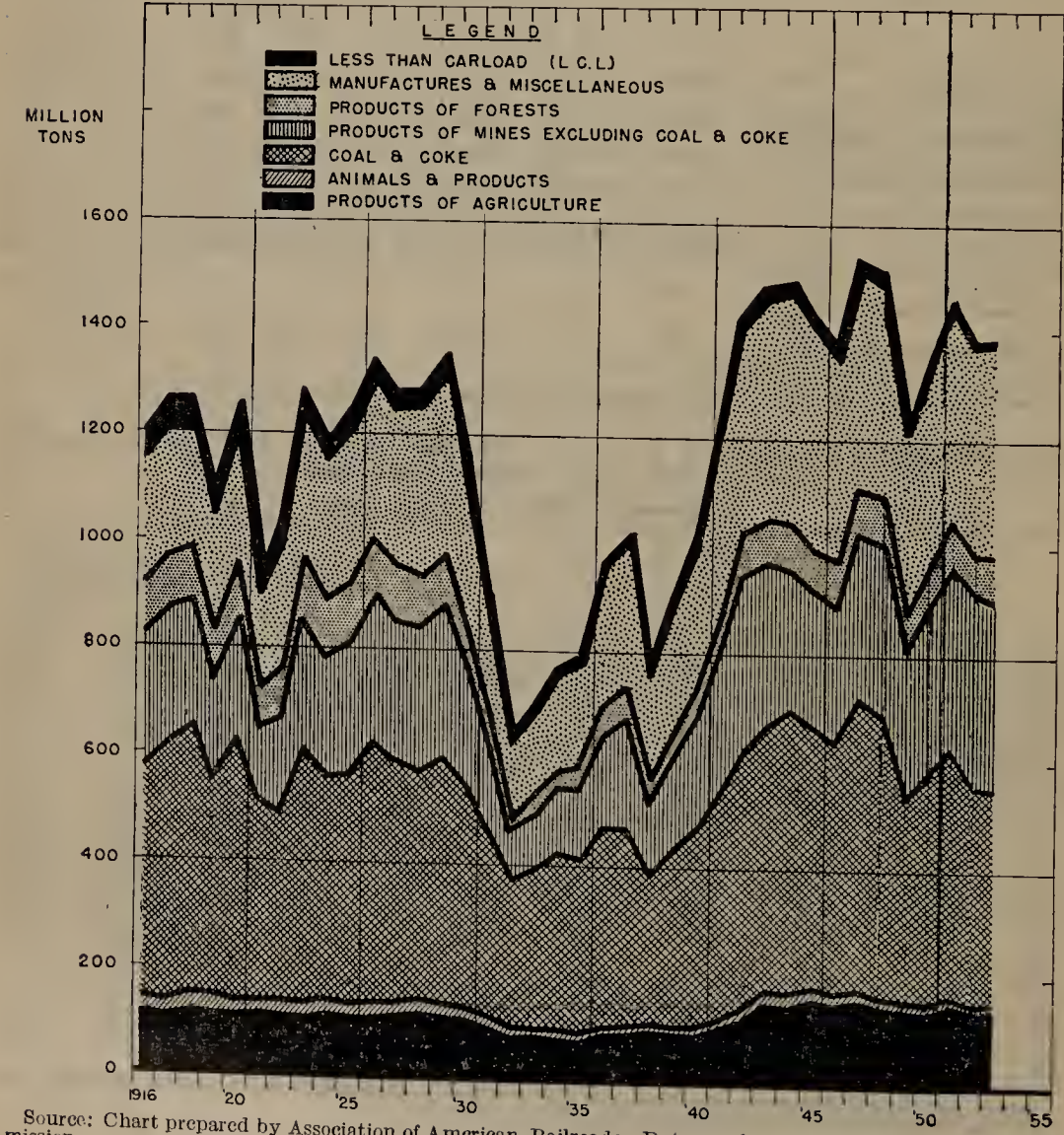
[In thousands of tons of 2,000 pounds. Excludes switching and terminal roads. Excludes nonrevenue freight; this is a large item in the case of a few commodities, notably coal. See also *Historical Statistics*, series K 52-59]

ITEM	1930	1935	1940	1945	1950	1951	1952	1953
Total.....	1,153,197	789,627	1,009,421	1,424,913	1,354,196	1,477,402	1,382,595	1,384,301
Products of agriculture.....	110,728	76,338	88,821	159,571	129,175	140,811	138,415	131,137
Animals and their products.....	23,129	15,125	15,456	23,748	14,321	14,362	14,601	13,768
Products of mines:								
Coal and coke.....	407,937	320,628	372,663	485,109	439,365	465,803	418,564	395,701
Other.....	234,600	124,508	197,557	247,832	307,443	353,570	334,135	358,591
Products of forests.....	69,371	42,483	58,221	75,604	78,860	86,522	83,480	82,107
Manufactures and miscellaneous <sup>1</sup> .....	277,765	196,506	262,010	412,216	374,144	405,955	384,090	394,742
All less than carload.....	29,667	14,039	14,693	20,833	10,888	10,379	9,310	8,255

<sup>1</sup> Includes forwarder traffic beginning 1940.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

FIG. XLIV.—REVENUE FREIGHT ORIGINATED, CLASS I RAILROADS: 1916 TO 1953  
[See table 693]



Source: Chart prepared by Association of American Railroads. Data are from Interstate Commerce Commission.



# No. 694.—STEAM RAILWAYS—NUMBER AND COMPENSATION OF EMPLOYEES: 1920 TO 1953

[Excludes switching and terminal companies. See also *Historical Statistics*, series K 82-83]

YEAR	ALL OPERATING CARRIERS		CLASS I CARRIERS					
	Average number of employees	Total yearly compensation (\$1,000)	Average number of employees	Total hours (1,000)	Total yearly compensation (\$1,000)	Average hours per employee	Average compensation	
							Per hour <sup>1</sup>	Per year
1920.....	2, 075, 886	3, 754, 281	2, 022, 832	5, 446, 741	3, 681, 801	2, 692.6	\$0.676	\$1, 820
1925.....	1, 786, 411	2, 916, 193	1, 744, 311	4, 531, 361	2, 860, 600	2, 597.8	.631	1, 640
1930.....	1, 517, 043	2, 588, 598	1, 487, 839	3, 759, 772	2, 550, 789	2, 527.0	.678	1, 714
1935.....	1, 013, 654	1, 666, 229	994, 371	2, 397, 353	1, 643, 879	2, 410.9	.686	1, 653
1936.....	1, 086, 405	1, 873, 819	1, 065, 624	2, 675, 345	1, 848, 636	2, 510.6	.691	1, 735
1937.....	1, 136, 912	2, 013, 677	1, 114, 663	2, 799, 539	1, 985, 447	2, 511.6	.709	1, 781
1938.....	958, 280	1, 771, 083	939, 171	2, 329, 606	1, 746, 141	2, 480.5	.750	1, 859
1939.....	1, 006, 711	1, 889, 130	987, 675	2, 488, 635	1, 863, 334	2, 519.7	.749	1, 887
1940.....	1, 045, 738	1, 990, 631	1, 026, 848	2, 615, 905	1, 964, 125	2, 547.5	.751	1, 913
1941.....	1, 159, 025	2, 360, 369	1, 139, 925	2, 989, 788	2, 331, 650	2, 622.8	.780	2, 045
1942.....	1, 290, 818	2, 966, 062	1, 270, 687	3, 440, 957	2, 932, 070	2, 708.0	.852	2, 307
1943.....	1, 374, 518	3, 556, 189	1, 355, 114	3, 816, 420	3, 520, 926	2, 816.3	.923	2, 598
1944.....	1, 434, 167	3, 897, 755	1, 414, 776	3, 996, 873	3, 857, 957	2, 825.1	.965	2, 727
1945.....	1, 438, 545	3, 900, 928	1, 419, 505	3, 979, 637	3, 862, 001	2, 803.5	.970	2, 721
1946.....	1, 377, 700	4, 213, 530	1, 359, 263	3, 632, 338	4, 170, 767	2, 672.3	1.148	3, 068
1947.....	1, 370, 510	4, 399, 296	1, 351, 863	3, 613, 296	4, 352, 047	2, 672.8	1.204	3, 219
1948.....	1, 345, 076	4, 820, 747	1, 326, 597	3, 545, 081	4, 768, 828	2, 672.3	1.345	3, 595
1949.....	1, 209, 102	4, 468, 545	1, 192, 019	3, 018, 736	4, 418, 790	2, 532.5	1.464	3, 707
1950.....	1, 236, 879	4, 644, 890	1, 220, 401	2, 876, 591	4, 594, 423	2, 357.1	1.597	3, 765
1951.....	1, 292, 000	5, 328, 072	1, 275, 744	2, 978, 870	5, 272, 975	2, 335.0	1.770	4, 133
1952.....	1, 241, 963	5, 382, 489	1, 226, 421	2, 845, 217	5, 326, 804	2, 319.9	1.872	4, 343
1953.....	1, 221, 300	5, 380, 828	1, 205, 966	2, 777, 235	5, 324, 951	2, 302.9	1.917	4, 416

<sup>1</sup> Calculated for all classes of employees, including those not paid on an hourly basis.

Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

# No. 695.—STEAM RAILWAYS (CLASS I)—NUMBER AND COMPENSATION OF EMPLOYEES BY DISTRICTS AND BY CLASS: 1952 AND 1953

[For years ending December 31. Includes class I switching and terminal companies]

DISTRICT OR CLASS	AVERAGE NUMBER OF EMPLOYEES		TOTAL COMPENSATION (\$1,000)		AVERAGE PER HOUR, STRAIGHT TIME		AVERAGE PER MONTH, TOTAL COMPENSATION	
	1952	1953	1952	1953	1952	1953	1952	1953
All employees.....	1, 277, 219	1, 256, 606	5, 548, 390	5, 551, 139	\$1.843	\$1.920	\$362	\$368
District:								
Eastern district.....	517, 782	508, 999	2, 256, 977	2, 267, 565	1.871	1.953	363	371
Southern district.....	239, 890	230, 002	1, 020, 436	997, 486	1.808	1.883	354	361
Western district.....	519, 547	517, 605	2, 270, 977	2, 286, 088	1.831	1.905	364	368
Class:								
Executives, officials, and staff assistants.....	16, 417	16, 694	150, 556	157, 617	3.797	3.888	764	787
Professional, clerical, and general.....	217, 736	217, 269	905, 441	922, 921	1.904	1.964	347	354
Maintenance of way and structures.....	247, 916	246, 551	855, 850	864, 768	1.617	1.684	288	292
Maintenance of equipment and stores.....	357, 478	347, 782	1, 414, 836	1, 401, 374	1.830	1.906	330	336
Transportation (other than train service, engine, and yard).....	152, 350	146, 462	614, 618	602, 669	1.721	1.803	336	343
Transportation (yardmasters, switch tenders, and hostlers).....	17, 343	17, 052	99, 834	99, 244	2.050	2.135	480	485
Transportation (train and engine service).....	267, 979	264, 796	1, 507, 255	1, 502, 546	1.911	2.000	469	473

Source: Interstate Commerce Commission; annual report, *Wage Statistics of Class I Steam Railways in the United States*.

### No. 696.—STEAM-RAILWAY ACCIDENTS—NUMBER OF PERSONS KILLED AND INJURED, BY STATUS: 1891 TO 1953

[For various reasons, including fact that returns were required under different acts, statistics are not strictly comparable. Prior to 1921, train accidents were those causing damage to railway property in excess of \$150 or any damage and a resulting casualty. From 1921-47 they were considered as such when damage exceeded \$150 with or without a casualty; for 1948, accidents causing damages in excess of \$250, with or without a casualty, were classified as train accidents; for 1949-50, train accidents were those causing damage of \$275 or more; in 1951, \$300 or more; in 1952, \$325 or more; and for 1953, \$350. Where damage was less than the amounts specified and there was a reportable casualty it was classified as a train-service accident. Figures for years 1911-15 include industrial and other nontrain accidents to employees only, and for years 1908-10 exclude switching and terminal roads. Otherwise, data cover all reportable accidents, including those due to suicide, mental derangement, and attempting to escape custody. See also *Historical Statistics*, series K 84-93]

YEARLY AVERAGE OR YEAR ENDING—	TOTAL		PASSENGERS <sup>1</sup>		EMPLOYEES <sup>2</sup>		OTHER PERSONS		TRESPASSERS	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
June 30:										
1891-1895.....	6,821	35,313	292	2,967	2,315	27,051	595	1,283	3,618	4,011
1896-1900.....	6,946	42,248	222	3,237	2,054	32,793	634	1,547	4,036	4,672
1901-1905.....	9,326	72,943	392	7,894	3,249	57,209	891	2,793	4,795	5,047
1906-1910.....	10,210	105,617	385	11,625	3,572	83,502	994	4,830	5,258	5,660
1911-1915.....	10,174	174,941	273	13,382	3,273	148,640	1,262	6,836	5,366	6,083
Dec. 31:										
1916-1920.....	8,662	176,693	304	7,419	2,855	157,523	2,074	8,460	3,429	3,291
1921-1925.....	6,618	141,688	173	5,578	1,654	123,790	2,225	9,420	2,566	2,901
1926-1930.....	6,623	89,543	101	3,667	1,395	73,522	2,606	9,822	2,521	2,532
1931-1935.....	5,127	29,834	38	1,995	589	18,222	1,811	6,529	2,688	3,087
1936-1940.....	4,987	31,292	56	2,533	613	19,765	1,866	6,883	2,452	2,111
1941-1945.....	5,060	53,813	174	4,274	989	41,223	2,059	7,038	1,838	1,278
1946-1950.....	3,918	41,868	97	3,706	598	30,778	1,777	6,243	1,446	1,141
1945.....	4,812	61,515	156	4,840	972	48,632	2,052	6,870	1,632	1,173
1946.....	4,508	52,026	128	4,714	738	39,472	1,971	6,670	1,671	1,170
1947.....	4,285	48,819	79	4,246	791	36,880	1,903	6,502	1,512	1,191
1948.....	3,883	43,107	59	3,607	622	31,961	1,726	6,409	1,476	1,130
1949.....	3,426	32,123	37	2,545	450	22,993	1,614	5,506	1,325	1,079
1950.....	3,486	33,267	180	3,419	392	22,586	1,669	6,129	1,245	1,133
1951.....	3,459	34,454	150	3,184	432	24,266	1,693	5,993	1,184	1,011
1952.....	3,011	30,001	24	2,049	386	21,339	1,522	5,669	1,079	944
1953.....	3,039	29,214	49	2,503	343	20,170	1,571	5,577	1,076	964

<sup>1</sup> Data cover passengers on trains and travelers not on trains. Casualties sustained in nontrain accidents included with "Other persons."

<sup>2</sup> Prior to 1921 casualties sustained by employees not on duty in nontrain accidents included with "Other persons."

Source: Interstate Commerce Commission; annual report, *Accident Bulletin—Steam Railways*.

### No. 697.—ACCIDENTS AT HIGHWAY GRADE CROSSINGS (ALL STEAM RAILWAYS)—AUTOMOBILE AND TOTAL CASUALTIES: 1935 TO 1953

[Excludes casualties due to suicide, mental derangement, and attempting to escape custody. See also headnote, table 696]

YEAR	Number of acci- dents	ALL PERSONS		ACCIDENTS WHICH INVOLVED AUTOMOBILES		Total cas- ualties per 10,000 auto- mobiles registered
		Number killed	Number injured	Persons killed	Persons injured	
1935.....	3,933	1,680	4,658	1,442	4,434	2.24
1940.....	4,104	1,808	4,632	1,576	4,430	1.88
1941.....	4,320	1,931	4,885	1,679	4,667	1.85
1942.....	4,150	1,970	4,616	1,621	4,386	1.84
1943.....	3,781	1,732	4,217	1,378	3,944	1.74
1944.....	3,811	1,840	4,216	1,512	3,983	1.83
1945.....	4,100	1,903	4,446	1,577	4,126	1.86
1946.....	4,001	1,851	4,397	1,558	4,137	1.68
1947.....	4,015	1,790	4,251	1,521	4,055	1.49
1948.....	3,964	1,612	4,255	1,355	4,054	1.33
1949.....	3,523	1,507	3,774	1,307	3,607	1.11
1950.....	4,000	1,576	4,368	1,393	4,206	1.15
1951.....	3,995	1,578	4,335	1,396	4,161	1.08
1952.....	3,592	1,407	3,904	1,249	3,752	0.95
1953.....	3,675	1,494	3,815	1,319	3,688	0.90

Source: Interstate Commerce Commission; annual report, *Accident Bulletin—Steam Railways*.



No. 698.—THE ALASKA RAILROAD—SUMMARY OF PASSENGER AND FREIGHT SERVICES:  
1953 AND 1954

[For years ending June 30]

ITEM	1953	1954	ITEM	1953	1954
Road mileage operated— monthly average.....	505	505	<b>FREIGHT TRAFFIC</b>		
<b>PASSENGER TRAFFIC</b>			Freight-train miles.....	542,131	438,793
Passenger-train miles <sup>1</sup> .....	336,101	279,630	Loaded cars, 1 mile, freight and mixed trains.....	11,267,000	10,142,000
Passenger-car miles, passenger trains <sup>1</sup> .....	1,235,301	1,191,906	Empty cars, 1 mile, freight and mixed trains.....	8,260,000	7,770,000
Total revenue passengers carried.....	162,107	135,679	All cars, 1 mile.....	19,527,000	17,912,000
Revenue passengers carried 1 mile.....	22,572,744	19,495,458	Tons of revenue freight car- ried:		
Total passenger revenue.....	\$1,054,287	\$986,543	Coal.....	654,072	749,160
Average revenue per passenger per mile.....	\$0.0467	\$0.0506	Miscellaneous.....	937,486	847,593
			Tons of revenue freight car- ried 1 mile.....	273,719,000	267,253,000
			Total freight revenue.....	\$16,763,848	\$15,777,875
			Average revenue per ton per mile.....	\$0.06124	\$0.05904

<sup>1</sup> Including motor miles.

Source: Department of the Interior, The Alaska Railroad.

## No. 699.—EXPRESS COMPANIES—INCOME ACCOUNT: 1921 TO 1953

In thousands of dollars. Mileage operated by Railway Express Agency, Inc., 1953: Total, 327,798; steam road, 179,863; electric line, 587; steamboat line, 12,139; motor carrier, 20,190; airplane, 115,019]

CALENDAR YEAR	Receipts for trans- porta- tion	Paid for express privi- leges	Total oper- ating revenue <sup>1</sup>	Oper- ating expenses	Net oper- ating revenue <sup>2</sup>	Express taxes	Oper- ating in- come <sup>3</sup>	Other in- come	Net in- come <sup>3</sup>
<b>American Railway Ex- press Co.:</b>									
1921.....	294,664	113,491	184,897	182,265	2,631	2,095	508	2,074	2,309
1925.....	290,303	143,832	149,715	146,433	3,282	2,059	1,195	1,088	2,184
1929 <sup>4</sup> .....	41,104	18,554	23,083	22,560	523	327	193	193	381
<b>Southeastern Express Co.:</b>									
1921 <sup>5</sup> .....	4,374	1,649	2,781	2,719	61	25	37	10	47
1925.....	8,041	3,912	4,241	4,086	155	86	67	20	87
1929.....	8,007	3,900	4,244	4,098	146	110	35	38	73
1935.....	5,520	2,234	3,406	3,250	156	96	57	3	60
1938 <sup>6</sup> .....	3,122	746	2,436	2,270	166	158	6	1	7
<b>Railway Express Agency, Inc.:</b>									
1929 <sup>7</sup> .....	242,216	127,591	117,628	115,535	2,093	1,343	734	687	20
1935.....	138,751	53,170	88,068	84,899	3,169	1,548	1,603	148	4
1940.....	176,521	59,063	119,957	111,478	8,479	7,539	907	178	4
1941.....	195,696	63,117	135,262	125,638	9,624	8,488	1,106	225	188
1942.....	260,259	107,708	155,306	144,448	10,858	9,785	1,055	320	191
1943.....	350,215	146,042	207,545	193,590	13,955	13,074	861	433	66
1944.....	400,865	150,088	254,734	238,017	16,717	15,518	1,172	349	219
1945.....	437,139	157,075	284,428	266,960	17,468	16,724	712	372	228
1946.....	427,341	106,814	326,230	305,483	20,747	19,841	876	411	57
1947.....	436,683	129,315	312,981	288,136	24,845	24,187	623	451	529
1948.....	419,973	130,254	294,833	276,557	18,276	17,858	379	1,178	55
1949.....	335,295	89,525	250,667	234,584	16,083	15,824	213	1,185	123
1950.....	314,808	97,178	222,661	207,054	15,607	14,137	1,437	1,047	70
1951.....	319,558	101,030	223,343	209,116	14,227	13,650	557	1,065	99
1952.....	396,016	153,315	247,981	232,494	15,487	15,070	400	1,121	35
1953.....	391,676	154,713	241,971	227,102	14,869	14,723	126	1,286	30

<sup>1</sup> Includes revenues from sources other than transportation.<sup>2</sup> Deducting, besides taxes, a small amount of uncollectible revenue.<sup>3</sup> Sum of 2 preceding columns less deductions.<sup>4</sup> Result of operations for 2 months ended Feb. 28, 1929, when taken over by Railway Express Agency, Inc.<sup>5</sup> Result of operations for 8 months ended Dec. 31, 1921.<sup>6</sup> Result of operations for 7 months ended July 31, 1938, when taken over by Railway Express Agency, Inc.<sup>7</sup> Result of operations for 10 months ended Dec. 31, 1929.<sup>8</sup> Deficit.Source: Interstate Commerce Commission; annual report, *Statistics of Railways in the United States*.

## No. 700.—TRANSIT INDUSTRY—SUMMARY: 1930 TO 1953

[Represents entire transit industry comprising all organized local passenger transportation agencies except taxicabs and suburban railroads. Based on financial and statistical reports received by American Transit Association from transit companies representing 85 to 95 percent of the industry]

ITEM	1930	1935	1940	1945	1949	1950	1951	1952	1953
Miles of route operated (Dec. 31):									
Electric railway—miles of single track	35,400	26,700	19,602	17,702	11,931	10,813	9,457	8,532	7,352
Surface	34,320	25,470	18,360	16,480	10,700	9,590	8,240	7,309	6,126
Subway and elevated	1,080	1,230	1,242	1,222	1,231	1,223	1,217	1,223	1,226
Trolley coach—miles of negative overhead wire	146	548	1,925	2,313	3,337	3,499	3,664	3,722	3,649
Motorbus—miles of route round trip	60,900	58,100	78,000	90,400	96,400	98,000	99,700	99,600	100,000
Passenger vehicles owned (Dec. 31), total	86,263	74,844	75,464	89,758	88,129	86,310	85,335	82,336	78,875
Electric railway cars	64,790	50,466	37,662	36,377	24,728	22,986	20,604	19,176	17,234
Surface	55,150	40,050	26,630	26,160	14,859	13,228	10,960	9,700	7,990
Subway and elevated	9,640	10,416	11,032	10,217	9,869	9,758	9,644	9,476	9,244
Trolley coaches	173	578	2,802	3,711	6,366	6,504	7,071	7,180	6,941
Motorbuses	21,300	23,800	35,000	49,670	57,035	56,820	57,660	55,980	54,700
Investment (Dec. 31), total—millions	(1)	(1)	\$4,096	\$4,262	\$3,940	\$3,918	\$3,899	\$3,910	\$3,900
Electric railway	(1)	(1)	3,588	3,620	3,110	3,060	2,997	2,992	2,980
Surface	(1)	(1)	1,574	1,570	998	913	811	801	780
Subway and elevated	(1)	(1)	2,014	2,050	2,112	2,147	2,186	2,191	2,200
Trolley coach	(1)	(1)	58	76	137	144	162	172	170
Motorbus	(1)	(1)	450	566	693	714	740	746	750
Operating revenues, total	\$963	\$681	\$737	\$1,380	\$1,491	\$1,452	\$1,473	\$1,501	\$1,513
Electric railway	803	520	456	709	621	578	534	494	490
Surface	649	388	328	560	403	362	319	280	251
Subway and elevated	154	132	128	149	218	216	215	214	239
Trolley coach	2	5	25	68	112	122	132	147	151
Motorbus	158	156	256	603	758	752	807	860	872
Vehicle miles operated, total	2,707	2,327	2,596	3,254	3,183	3,007	2,913	2,814	2,696
Electric railway	1,995	1,544	1,316	1,398	1,015	906	811	721	665
Surface	1,540	1,097	845	940	555	463	387	321	274
Subway and elevated	455	447	471	458	460	443	424	400	391
Trolley coach	6	19	86	133	200	206	209	215	212
Motorbus	706	764	1,194	1,723	1,968	1,895	1,893	1,878	1,819
Passengers carried, total	15,567	12,226	13,098	23,254	19,008	17,246	16,125	15,119	13,902
Electric railway	13,072	9,512	8,325	12,124	7,185	6,168	5,290	4,601	4,076
Surface	10,513	7,276	5,943	9,426	4,839	3,904	3,101	2,477	2,036
Subway and elevated	2,559	2,236	2,382	2,698	2,346	2,264	2,189	2,124	2,040
Trolley coach	16	96	534	1,244	1,661	1,658	1,633	1,640	1,566
Motorbus	2,479	2,618	4,239	9,886	10,162	9,420	9,202	8,878	8,260
Revenue passengers carried, total	12,528	9,782	10,504	18,982	15,251	13,845	12,881	12,022	11,036
Electric railway	10,346	7,408	6,465	9,636	5,683	4,903	4,212	3,696	3,306
Surface	7,782	5,156	4,153	7,081	3,480	2,790	2,171	1,714	1,403
Subway and elevated	2,564	2,252	2,282	2,555	2,203	2,113	2,041	1,982	1,903
Trolley coach	13	77	419	1,001	1,268	1,261	1,231	1,201	1,137
Motorbus	2,169	2,297	3,620	8,345	8,300	7,681	7,438	7,125	6,593
Number of employees (average), total	276,444	209,200	202,400	242,000	253,000	240,000	232,000	227,000	220,000
Electric railway	247,244	164,400	122,500	129,200	98,000	90,900	81,000	82,000	75,000
Trolley coach	400	1,300	6,400	8,500	15,000	15,400	16,500	18,000	19,000
Motorbus	28,800	43,500	73,500	104,300	140,000	133,700	134,500	127,000	126,000
Payroll, total—millions	\$479	\$321	\$360	\$632	\$841	\$835	\$872	\$903	\$913

<sup>1</sup> Not available.

Source: American Transit Association, New York, N. Y.; annual report, *Transit Fact Book*.



**No. 701.—MOTORBUS LINES—SUMMARY OF OPERATIONS OF COMMON CARRIERS  
AND SCHOOL BUSES: 1949 TO 1954**

ITEM	1949	1950	1951	1952	1953	1954 (prel.)
<b>COMMON CARRIER BUS OPERATIONS</b>						
Number of operating companies (Dec. 31):						
City and city suburban	1,740	1,638	1,676	1,626	1,550	1,575
Intercity	3,060	2,858	2,914	2,847	2,650	2,625
Number of busses (Dec. 31):						
City and city suburban	57,800	57,570	58,364	56,456	56,400	55,700
Intercity	30,200	28,711	29,266	28,563	28,500	27,600
Miles of highway covered (Dec. 31): <sup>1</sup>						
City and city suburban	54,000	53,310	59,680	54,229	60,300	61,700
Intercity	416,500	400,284	438,447	439,436	404,500	398,300
Total bus miles (1,000):						
City and city suburban	1,786,611	1,881,843	1,781,714	1,877,200	1,831,000	1,743,000
Intercity	1,598,033	1,500,420	1,437,549	1,480,283	1,527,062	1,436,487
Revenue passengers, line service (1,000):						
City and city suburban <sup>2</sup>	8,502,055	7,750,000	7,550,000	7,138,000	6,658,000	6,125,000
Intercity	854,981	815,172	907,913	779,023	749,928	668,901
Operating revenue (\$1,000):						
City and city suburban	786,351	798,933	810,787	888,577	912,569	893,405
Intercity	537,575	510,815	541,853	575,676	569,867	530,312
Taxes assignable to operations (\$1,000): <sup>3</sup>						
City and city suburban	56,556	62,025	58,914	76,684	74,795	76,147
Intercity	42,880	42,508	42,578	45,518	44,235	42,530
Net operating revenue (\$1,000):						
City and city suburban	-5,908	8,540	22,829	17,150	19,206	9,751
Intercity	39,912	37,962	41,409	56,564	51,842	36,619
Number of employees (Dec. 31): <sup>4</sup>						
City and city suburban	125,696	129,043	128,850	124,425	123,900	121,200
Intercity	66,749	66,570	62,676	62,790	62,100	61,200
<b>SCHOOL BUS OPERATIONS</b>						
Number of schools and school districts using busses	45,300	43,813	43,649	41,208	45,480	45,266
Number of busses	97,600	104,179	105,594	119,347	130,508	134,972
Total bus-miles	1,000		689,563	1,119,695	1,027,592	1,089,384
Children carried daily	do	5,720	6,264	7,064	7,950	8,499
Cost of service annually	\$1,000	177,532	180,183	207,718	239,385	295,718

<sup>1</sup> Includes duplication between carriers. <sup>2</sup> Includes revenue transfer passengers. <sup>3</sup> Excludes income taxes.

<sup>4</sup> Operating companies only.

**No. 702.—TROLLEY BUS AND STREETCAR LINES—SUMMARY OF OPERATIONS:  
1949 TO 1954**

ITEM	1949	1950	1951	1952	1953	1954 (prel.)
<b>TROLLEY BUS LINES</b>						
Number of operating companies (Dec. 31)	42	42	43	41	41	41
Number of busses owned (Dec. 31)	6,355	6,497	7,059	7,182	6,958	6,824
Miles of highway covered (Dec. 31)	1,425	1,457	1,496	1,487	1,487	1,457
Total bus-miles	176	192	206	210	210	196
Revenue passengers <sup>1</sup>	do	1,149	1,226	1,205	1,135	1,034
Operating revenue	\$1,000	102,724	121,960	145,500	148,428	141,320
Taxes assignable to operations <sup>2</sup>	\$1,000	4,581	4,912	5,343	7,350	7,047
Net operating revenue	\$1,000	11,372	15,384	15,438	14,300	9,760
Number of employees on payroll	15,570	15,650	16,350	16,742	16,220	15,980
<b>STREETCAR LINES</b>						
Number of operating companies	101	88	81	74	69	65
Number of cars owned	15,505	13,228	10,960	9,700	7,990	6,900
Miles of single track	10,700	9,590	8,240	7,309	6,126	5,700
Miles of first main track	5,707	5,110	4,407	3,872	3,485	3,300
Operating revenue	\$1,000	410,500	361,700	318,900	279,700	250,000
Number of passengers	millions	3,480	2,790	2,171	1,714	1,403
Revenue-miles operated	do	555	463	387	321	274

<sup>1</sup> Includes revenue transfer passengers. <sup>2</sup> Excludes income taxes.

Source of tables 701 and 702: McGraw-Hill Publishing Co., Inc., New York, N. Y.; *Bus Transportation*, Annual Review of Industry Progress Number.

### No. 703.—CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY—SUMMARY OF FINANCIAL AND OPERATING STATISTICS: 1948 TO 1952

[All money figures in thousands of dollars, except revenue and expense per vehicle-mile. Covers common and contract carriers with average annual operating revenues of \$200,000 or more in 1950, and for prior years \$100,000 or more, engaged wholly or preponderantly in intercity service subject to jurisdiction of ICC]

ITEM	1948	1949	1950	1951	1952
Number of carriers reporting	1,825	2,012	1,621	1,737	1,868
Investment in carrier operating property	516,303	615,449	747,756	904,031	1,026,429
Reserve for depreciation and amortization	215,458	270,706	309,430	391,462	475,444
Income statement:					
Operating revenue, total	1,662,882	1,894,588	2,379,713	2,727,854	3,059,069
Common carrier	1,518,283	1,722,744	2,180,779	2,500,719	2,803,310
Contract carrier	105,688	126,735	143,771	161,925	180,553
Other operating revenue	38,911	45,109	55,164	65,210	75,206
Expenses, total	1,552,772	1,793,814	2,215,066	2,603,325	2,923,993
Operation and maintenance expenses	1,379,114	1,589,049	1,968,089	2,289,344	2,658,931
Depreciation and amortization <sup>1</sup>	60,815	74,207	84,497	107,028	117,562
Operating taxes and licenses <sup>2</sup>	73,167	83,317	103,408	124,178	147,499
Operating rents, net	39,676	47,241	59,012	82,775	95,6
Operating ratio (percent expenses of operating revenue)	93.4	94.7	93.1	95.4	95.6
Net operating revenue	110,109	100,774	164,707	124,529	135,076
Lease of distinct operating unit—Net	749	430	540	877	798
Other income, less income deductions	1,935	2,704	5,603	7,476	7,521
Net income before income taxes	107,425	97,640	158,565	116,176	126,758
Net income after income taxes	72,184	63,572	92,682	57,535	67,031
Dividend appropriations and withdrawals <sup>3</sup>	18,047	21,029	23,482	23,247	22,849
Operating statistics and averages:					
Owned revenue vehicles, total	151,027	169,469	191,243	212,739	229,198
Intercity vehicle-miles	3,810	4,338	5,352	5,848	6,137
Tons of intercity revenue freight carried <sup>4</sup>	1,000	1,000	1,000	1,000	1,000
Miles per owned vehicle	46,863	48,058	53,833	50,134	48,953
Revenue per vehicle-mile (intercity)	\$0.426	\$0.426	\$0.434	\$0.455	\$0.486
Expense per vehicle-mile (intercity) <sup>5</sup>	\$0.408	\$0.414	\$0.414	\$0.445	\$0.476

<sup>1</sup> Amortization represents a very small part of this total.

<sup>2</sup> Excludes Federal and State income taxes.

<sup>3</sup> Withdrawals of sole proprietors and partners.

<sup>4</sup> Includes duplications on account of tonnage received from connecting motor carriers.

<sup>5</sup> Basic figures include expenses of operating vehicles in local services not available separately.

### No. 704.—CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS—SUMMARY OF FINANCIAL AND OPERATING STATISTICS: 1948 TO 1952

[All money figures in thousands of dollars, except average fare and revenue and expense per vehicle-mile. See headnote, table 703. Excludes carriers subject to ICC jurisdiction engaged preponderantly in local or sub-urban service and carriers engaged in transportation of both property and passengers]

ITEM	1948	1949	1950	1951	1952
Number of carriers reporting	260	262	172	166	160
Investment in carrier operating property	283,833	293,020	286,000	310,854	321,543
Reserve for depreciation and amortization	113,269	133,087	144,489	158,751	174,404
Income statement:					
Operating revenue, total	401,333	379,751	350,751	392,579	394,968
Passenger revenue <sup>1</sup>	377,504	354,214	324,529	360,964	357,812
Special bus revenue	10,696	11,470	11,694	14,848	18,556
Other operating revenue	13,133	14,067	14,528	16,767	18,600
Expenses, total	350,632	345,585	314,773	345,405	347,589
Operation and maintenance expenses	286,921	279,205	254,905	284,075	284,494
Depreciation and amortization <sup>2</sup>	26,794	30,906	27,188	26,281	26,665
Operating taxes and licenses <sup>3</sup>	31,764	30,501	28,649	30,737	31,760
Operating rents, net	5,153	4,973	4,030	4,312	4,669
Operating ratio (percent expenses of operating revenue)	87.4	91.0	89.7	87.9	88.0
Net operating revenue	50,701	34,166	35,978	47,174	47,379
Lease of carrier property, net	109	105	100	52	10
Other income, less income deductions	362	967	756	3,225	780
Net income before income taxes	50,230	33,094	35,121	50,347	46,588
Net income after income taxes	31,172	19,974	18,903	25,488	22,284
Dividend appropriations and withdrawals <sup>4</sup>	20,611	15,362	16,088	21,114	26,405
Operating statistics and averages:					
Passenger vehicles owned <sup>5</sup>	15,290	14,863	13,200	13,431	13,106
Vehicle-miles of owned and leased passenger vehicles, total <sup>6</sup>	1,000	1,000	1,000	1,000	1,000
Number of revenue passengers carried, total	1,129,803	1,065,682	958,530	1,010,741	975,467
Miles per vehicle <sup>7</sup>	536,767	469,422	389,898	391,107	358,755
Average fare per passenger, per carrier, intercity service	72,533	66,088	65,411	66,884	65,934
Passenger revenue per vehicle-mile, regular route intercity	\$0.852	\$0.912	\$1.010	\$1.118	\$1.198
Expense per vehicle-mile <sup>8</sup>	\$0.341	\$0.339	\$0.346	\$0.367	\$0.380
	\$0.310	\$0.324	\$0.328	\$0.341	\$0.356

<sup>1</sup> Regular route intercity and local revenue.

<sup>2</sup> Excludes Federal and State income taxes.

<sup>3</sup> Total vehicles owned at close of year.

<sup>4</sup> Amortization represents a very small part of this total.

<sup>5</sup> Withdrawals of sole proprietors and partners.

<sup>6</sup> Includes bus-miles of vehicles operated under "purchased transportation arrangements."

<sup>7</sup> Averages for owned and leased vehicles.

<sup>8</sup> See footnote 5, table 703.

Source of tables 703 and 704: Interstate Commerce Commission; annual report, *Statistics of Class I Motor Carriers*.



# **No. 705.—CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY—SELECTED OPERATING STATISTICS, BY REGIONS: 1951 AND 1952**

[See headnote, table 703. Regions: 1, Conn., Maine, Mass., N. H., R. I., Vt.; 2, Del., D. C., Md., N. J., N. Y., Pa., W. Va.; 3, Ill., Ind., Mich. (Lower Pen.), Ohio; 4, Ala., Fla., Ga., Ky., Miss., N. C., S. C., Tenn., Va.; 5, Mich. (Upper Pen.), Minn., N. Dak., S. Dak., Wis.; 6, Iowa, Kans., Mo., Nebr.; 7, Ark., La., Okla., Tex.; 8, Colo., Idaho, Mont., N. Mex., Utah, Wyo.; 9, Ariz., Calif., Nev., Oreg., Wash.]

REGION AND YEAR	Number of carriers reporting	Operating revenue (\$1,000)	Total expenses (\$1,000)	OWNED REVENUE VEHICLES <sup>1</sup>				Vehicle-miles, total intercity service (1,000)	EMPLOYEES <sup>2</sup>	
				Trucks	Truck-tractors	Semi-trailers	Full trailers		Average number	Compensation (\$1,000)
<b>1951</b> .....	<b>1,737</b>	<b>2,727,854</b>	<b>2,603,325</b>	<b>30,091</b>	<b>68,932</b>	<b>108,709</b>	<b>5,007</b>	<b>5,848,050</b>	<b>249,544</b>	<b>1,003,619</b>
1. New England.....	151	125,273	122,285	2,403	4,569	6,972	30	204,778	15,242	61,739
2. Middle Atlantic.....	402	488,752	469,487	5,392	14,434	21,746	223	900,957	47,767	191,759
3. Central.....	455	979,368	937,924	4,941	20,979	37,230	1,381	2,223,558	75,764	318,437
4. Southern.....	204	314,268	297,659	3,124	8,777	13,386	-----	743,774	30,853	109,328
5. Northwestern.....	75	105,954	103,701	1,392	3,401	4,615	-----	210,859	11,925	48,362
6. Midwestern.....	110	178,200	171,818	2,275	4,684	7,085	48	441,880	16,236	64,597
7. Southwestern.....	128	194,909	181,887	3,781	6,064	7,947	168	459,656	20,719	75,517
8. Rocky Mountain.....	48	90,627	81,527	1,285	1,497	2,232	302	193,024	7,917	31,706
9. Pacific.....	164	250,503	237,037	5,498	4,527	7,496	2,855	469,564	23,121	102,174
<b>1952</b> .....	<b>1,868</b>	<b>3,059,069</b>	<b>2,923,993</b>	<b>32,119</b>	<b>73,743</b>	<b>118,265</b>	<b>5,071</b>	<b>6,137,228</b>	<b>277,353</b>	<b>1,193,086</b>
1. New England.....	163	146,802	140,314	2,644	4,933	7,739	40	212,756	16,557	70,538
2. Middle Atlantic.....	440	540,354	519,979	5,719	15,682	23,924	141	937,546	52,363	222,307
3. Central.....	489	1,070,460	1,021,937	5,147	21,706	39,055	1,426	2,242,152	84,994	386,338
4. Southern.....	218	368,786	350,409	4,315	9,914	15,442	-----	836,170	35,493	135,666
5. Northwestern.....	84	120,100	116,076	1,441	3,606	5,123	-----	225,903	12,434	55,781
6. Midwestern.....	120	205,103	197,759	2,214	4,849	7,628	65	468,275	18,678	80,573
7. Southwestern.....	130	215,634	204,591	3,669	6,226	8,311	69	484,723	21,848	86,276
8. Rocky Mountain.....	54	109,272	102,201	1,420	1,621	2,536	305	232,040	9,156	39,534
9. Pacific.....	170	282,558	270,725	5,550	5,206	8,507	3,025	497,663	25,430	121,073

<sup>1</sup> Excludes equipment used under lease, including operations conducted under "purchased transportation arrangements."

<sup>2</sup> Excludes drivers of equipment engaged by these carriers to perform "purchased transportation" service.

# **No. 706.—CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS—SELECTED OPERATING STATISTICS, BY REGIONS: 1951 AND 1952**

[See headnote, table 704; for description of regions, see headnote, table 705]

REGION AND YEAR	Number of carriers reporting	Operating revenue (\$1,000)	Total expenses (\$1,000)	PASSENGER VEHICLES		REGULAR-ROUTE INTERCITY			EMPLOYEES	
				Total <sup>1</sup>	Inter-city <sup>2</sup>	Vehicle-miles (1,000)	Revenue passengers carried (1,000)	Average fare per passenger, per carrier	Average number	Compensation (\$1,000)
<b>1951</b> .....	<b>166</b>	<b>392,579</b>	<b>345,405</b>	<b>14,964</b>	<b>14,013</b>	<b>932,739</b>	<b>306,450</b>	<b>\$1.118</b>	<b>41,043</b>	<b>155,318</b>
1. New England.....	11	9,312	9,404	481	456	21,198	8,706	.907	1,148	4,257
2. Middle Atlantic.....	35	40,872	38,896	1,806	1,590	79,578	50,585	.632	4,587	17,272
3. Central.....	29	79,855	71,585	2,933	2,598	174,635	57,479	1.207	8,121	31,617
4. Southern.....	33	100,893	84,603	3,758	3,717	251,614	94,429	.984	10,286	36,224
5. Northwestern.....	4	14,627	13,910	561	561	38,126	10,310	1.288	1,571	6,277
6. Midwestern.....	9	17,717	15,070	588	588	46,032	8,526	1.303	1,982	7,667
7. Southwestern.....	26	68,766	59,951	2,820	2,818	191,207	45,912	1.960	7,206	26,774
8. Rocky Mountain.....	7	3,751	3,330	172	171	10,539	1,937	1.678	381	1,509
9. Pacific.....	12	56,786	48,656	1,845	1,514	119,810	28,566	1.587	5,761	23,721
<b>1952</b> .....	<b>160</b>	<b>394,968</b>	<b>347,589</b>	<b>14,551</b>	<b>13,658</b>	<b>896,514</b>	<b>284,155</b>	<b>1.198</b>	<b>40,080</b>	<b>159,196</b>
1. New England.....	10	8,954	8,810	424	408	18,488	7,345	.991	1,040	4,060
2. Middle Atlantic.....	34	42,418	40,856	1,785	1,558	78,561	48,138	.665	4,583	18,009
3. Central.....	30	84,192	75,445	2,912	2,605	179,609	55,894	1.290	8,351	34,027
4. Southern.....	31	103,336	86,148	3,549	3,492	243,282	88,187	1.063	10,124	38,015
5. Northwestern.....	3	14,582	13,711	537	537	34,759	9,096	1.417	1,486	6,340
6. Midwestern.....	6	15,875	13,058	515	515	38,770	6,974	2.051	1,678	6,991
7. Southwestern.....	26	69,989	61,701	2,820	2,819	188,736	42,901	1.465	7,248	28,027
8. Rocky Mountain.....	8	4,579	4,012	240	239	11,372	2,185	1.778	449	1,848
9. Pacific.....	12	51,042	43,848	1,769	1,485	102,937	23,436	1.767	5,121	21,880

<sup>1</sup> Comprises average number operated in intercity service during year and number owned in local operations at close of year.

<sup>2</sup> Comprises vehicles owned, leased, and operated under "purchased transportation arrangements," operated in intercity revenue service.

Source of tables 705 and 706: Interstate Commerce Commission; annual report, *Statistics of Class I Motor Carriers*.

## No. 707.—CIVIL AERONAUTICS—SUMMARY OF CIVIL FLYING: 1934 TO 1954

[As of Dec. 31 or for year ending Dec. 31, except as noted. See also *Historical Statistics*, series K 246-273]

ITEM	1934	1940	1945	1950	1952	1953	1954
Miles of controlled civil airways <sup>1</sup> .....	19,081	32,100	43,285	70,253	72,328	72,097	69,359
Total civil aircraft <sup>1</sup> .....	8,322	17,028	37,789	<sup>2</sup> 92,809	<sup>2</sup> 89,313	<sup>2</sup> 91,102	<sup>2</sup> 92,067
Hours in general aviation flying.....	846	3,200	( <sup>3</sup> )	( <sup>3</sup> )	8,186	( <sup>3</sup> )	( <sup>3</sup> )
Certified airplane pilots.....	13,949	69,829	296,895	( <sup>3</sup> )	581,218	585,974	( <sup>3</sup> )
Miles flown, other than scheduled air carrier.....	1,000	75,602	264,000	( <sup>3</sup> )	( <sup>3</sup> )	<sup>4</sup> 972,055	<sup>4</sup> 1,045,346
Instructional.....do.....	17,360	126,264	( <sup>3</sup> )	( <sup>3</sup> )	144,035	120,700	( <sup>3</sup> )
Commercial <sup>5</sup> .....do.....	20,980	31,961	( <sup>3</sup> )	( <sup>3</sup> )	217,865	209,937	( <sup>3</sup> )
Business.....do.....	11,697	25,910	( <sup>3</sup> )	( <sup>3</sup> )	419,705	499,166	( <sup>3</sup> )
Pleasure.....do.....	25,565	79,865	( <sup>3</sup> )	( <sup>3</sup> )	165,795	196,174	( <sup>3</sup> )
Fuel consumed (general aviation):							
Gasoline.....1,000 gals.....	9,631	22,400	( <sup>3</sup> )	( <sup>3</sup> )	137,846	168,948	( <sup>3</sup> )
Oil.....do.....	349	660	( <sup>3</sup> )	( <sup>3</sup> )	3,063	3,754	( <sup>3</sup> )
Radio range stations, total <sup>1</sup> .....	112	292	360	749	760	760	749
Low/medium frequency.....	112	290	344	378	372	368	346
Very high frequency.....		2	16	371	388	392	403
Nondirectional radiobeacons <sup>1</sup> .....	73	48	88	141	166	181	170
Airport traffic control towers, federally operated <sup>1</sup> .....			107	172	141	115	104
Airway traffic control centers, federally operated <sup>1</sup> .....		11	29	31	31	31	31
Combined tower stations.....					34	53	70
Interstate airways communications stations.....	205	365	438	451	415	395	376
Airports in operation, as recorded by CAA, total.....	2,297	2,331	4,026	6,403	6,042	<sup>6</sup> 6,760	6,977
Public <sup>7</sup> .....						2,903	2,783
Limited <sup>7,8</sup> .....						3,857	4,194
Total accidents in non-air-carrier flying operations.....	1,491	3,471	4,652	4,505	3,657	3,232	3,356
Fatalities.....	323	359	508	871	691	635	682

<sup>1</sup> Continental United States, and Territories and possessions wherever applicable.<sup>2</sup> Includes gliders. <sup>3</sup> Not available.<sup>4</sup> Includes 24,655,000 miles not classified for 1952 and 19,369,000 miles for 1953.<sup>5</sup> Comprises noncertificated irregular aircarrier and noncertificated cargo-carrier operations (for which no comparable classification existed for 1934 and 1940), and contract, charter, and other revenue-producing operations.<sup>6</sup> As of Mar. 1, 1954.<sup>7</sup> See footnote 4, table 715, for current definitions.<sup>8</sup> Includes seaplane bases and heliports.Source: Department of Commerce, Civil Aeronautics Administration, and Civil Aeronautics Board. Published in *CAA Statistical Handbook of Civil Aviation*.

## No. 708.—CIVIL AERONAUTICS—SCHEDULED AIR CARRIER OPERATING REVENUES AND EXPENSES: 1945 TO 1953

[In thousands of dollars]

ITEM	DOMESTIC AIR CARRIERS				INTERNATIONAL AIR CARRIERS			
	1945	1950	1952	1953	1945	1950	1952	1953
Net operating income.....	34,117	63,158	94,271	86,740	7,346	11,808	10,718	19,221
Operating revenues, total.....	214,743	557,803	817,680	937,482	69,111	260,131	315,141	337,711
Passenger.....	166,520	444,506	695,456	803,869	38,859	160,673	212,581	232,867
Mail.....	33,693	63,788	58,887	64,484	12,246	55,689	51,532	53,747
Express and freight.....	10,835	35,122	42,828	47,791	7,315	21,664	26,910	27,385
Excess baggage.....	2,298	5,077	7,348	8,704	1,570	3,244	4,822	5,250
Other.....	1,396	9,310	13,152	12,622	9,121	18,861	19,290	18,454
Operating expenses, total.....	180,626	494,645	723,409	850,743	61,765	248,323	304,423	318,489
Aircraft.....	69,223	241,060	361,467	438,384	22,918	122,776	146,965	151,311
Flying operations.....	43,421	141,816	208,665	253,383	15,298	70,980	87,442	91,751
Direct maintenance flight equipment.....	16,393	57,841	92,696	102,401	5,199	26,158	33,043	32,827
Depreciation flight equipment.....	9,409	41,403	60,103	82,596	2,422	25,638	26,480	26,730
Ground and indirect expense.....	111,404	253,584	361,939	412,356	38,847	125,547	157,456	167,178

Source: Department of Commerce, Civil Aeronautics Administration, and Civil Aeronautics Board. Published in *CAA Statistical Handbook of Civil Aviation*.



# No. 709.—CIVIL AERONAUTICS—SUMMARY OF SCHEDULED AIR CARRIER OPERATIONS: 1934 TO 1954

[As of Dec. 31 or for year ending Dec. 31. See also *Historical Statistics*, series K 246-273]

ITEM	1934	1940	1945	1950	1953	1954 (prel.)
Number of operators:						
Domestic	24	19	20	38	32	32
International	2	3	4	12	14	15
Route miles in operation	50,801	95,079	87,401	183,841	190,210	190,782
Domestic <sup>1</sup>	28,609	42,757	48,516	77,440	78,384	78,294
International <sup>2</sup>	22,192	52,322	38,885	106,401	111,826	112,488
Aircraft in service	522	437	518	1,120	1,300	1,336
Domestic	423	369	421	960	1,139	1,175
Single-engine			11	29	17	20
Twin-engine			405	571	660	648
Four-engine			5	360	462	507
International	99	68	97	160	161	161
Twin-engine			71	35	38	32
Four-engine			26	125	123	129
Average available seats: <sup>3</sup>						
Domestic	8.86	16.54	19.68	37.47	46.07	50.11
International	( <sup>4</sup> )	18.28	18.91	40.96	52.28	56.85
Average speed (miles per hour):						
Domestic	( <sup>4</sup> )	( <sup>4</sup> )	155.4	181.2	197.8	205.8
International	( <sup>4</sup> )	( <sup>4</sup> )	150.7	218.4	229.9	242.1
Fuel consumed (1,000 gal.):						
Gasoline	25,136	74,535	159,911	572,246	880,639	980,706
Domestic	18,925	65,675	134,824	418,442	691,903	775,586
International	6,211	8,860	25,087	153,804	188,736	205,120
Oil	839	1,288	2,025	6,675	10,067	11,587
Domestic	669	1,104	1,710	5,007	7,975	9,348
International	170	184	316	1,668	2,092	2,239
Total personnel employed	6,477	22,051	68,281	82,786	109,392	109,541
Domestic	4,201	15,984	50,313	61,903	84,651	84,765
International	2,276	6,067	17,968	20,883	24,741	24,776
Revenue miles flown (all services)						
1,000	49,065	119,753	241,578	458,087	628,584	666,894
Domestic	41,526	110,101	208,969	364,256	518,532	550,643
International	7,539	9,652	32,609	93,831	110,052	116,251
Revenue passengers carried	<sup>5</sup> 572	<sup>5</sup> 2,965	7,052	19,019	31,423	35,192
Domestic	<sup>5</sup> 475	<sup>5</sup> 2,803	6,576	17,344	28,723	32,342
International	<sup>6</sup> 97	163	476	1,675	2,700	2,850
Revenue passenger miles flown, domestic	<sup>7</sup> 189,806	1,052,156	3,362,455	8,002,825	14,760,309	16,768,713
Average passenger-mile rate, domestic	\$0.059	\$0.0507	\$0.0495	\$0.0555	\$0.0545	( <sup>4</sup> )
Express and freight, ton-miles flown						
1,000	( <sup>4</sup> )	( <sup>4</sup> )	30,914	211,914	252,731	270,592
Domestic	<sup>8</sup> 597	3,476	22,197	151,351	177,932	188,271
International	( <sup>4</sup> )	( <sup>4</sup> )	8,718	60,563	74,800	82,321
Mail, ton-miles flown, domestic	<sup>9</sup> 2,237,175	10,117,858	<sup>10</sup> 65,092,921	47,008,947	72,907,693	81,603,407
Accidents, domestic: <sup>11</sup>						
Number of accidents	71	30	40	39	37	45
Revenue miles flown per accident	584,869	3,683,789	5,234,222	9,858,851	14,504,263	11,942,937
Total fatalities	29	45	88	109	103	23
Fatalities per 1,000,000 revenue miles flown	0.70	0.41	0.42	0.28	0.19	0.04
Accidents, international: <sup>11</sup>						
Number of accidents	2	6	5	6	6	5
Revenue miles flown per accident	3,769,553	1,608,622	6,521,741	15,985,584	19,750,029	24,274,887
Total fatalities	9		27	56	2	0
Fatalities per 1,000,000 revenue miles flown	1.19		0.83	0.58	0.02	

<sup>1</sup> 1934 as of Dec. 31; 1940 and 1945, averages for December; and 1950-54, based on fourth quarter.

<sup>2</sup> 1934 and 1940, as of Dec. 31; 1945, average for December; and 1950-54, based on fourth quarter.

<sup>3</sup> Obtained by dividing passenger seat miles by revenue miles flown in passenger service.

<sup>4</sup> Not available.

<sup>5</sup> Data for domestic passengers include duplication.

<sup>6</sup> Includes nonrevenue passengers.

<sup>7</sup> Includes nonrevenue miles.

<sup>8</sup> Excludes Colonial Airlines, Inc., and Hawaiian Airlines, Ltd.

<sup>9</sup> Excludes 224,236 ton-miles flown by U. S. Army.

<sup>10</sup> Excludes regular mail carried under special contract.

<sup>11</sup> Revenue operations accidents.

Source: Department of Commerce, Civil Aeronautics Administration, and Civil Aeronautics Board. Published in *CAA Statistical Handbook of Civil Aviation*.

### No. 710.—DOMESTIC AIR CARGO—TON-MILES FLOWN, BY TYPE OF CARRIER: 1948 TO 1954

[In thousands of ton-miles]

TYPE OF CARRIER	1948	1949	1950	1951	1952	1953	1954
<b>Total</b> .....	150,767	174,481	229,039	239,311	260,477	276,438	281,212
Scheduled operations.....	100,661	132,816	209,138	217,230	241,343	251,007	244,708
Nonscheduled operations.....	50,106	41,665	19,901	22,031	19,134	25,431	36,504
Trunk lines:							
Scheduled operations.....	100,207	121,519	149,399	140,841	157,503	174,293	184,335
Nonscheduled operations.....	333	1,402	1,591	<sup>1</sup> 1,493	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Local service lines:							
Scheduled operations.....	454	756	1,319	1,829	2,010	2,135	2,282
Nonscheduled operations.....	1	( <sup>3</sup> )	19	<sup>1</sup> 26	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Certificated all-cargo carriers:							
Scheduled operations.....		10,541	58,420	74,610	81,829	74,579	58,091
Nonscheduled operations.....	38,567	27,093	5,178	4,446	4,618	7,344	10,768
Large irregular carriers:							
Nonscheduled operations.....	<sup>4</sup> 11,204	<sup>5</sup> 13,170	<sup>5</sup> 13,113	<sup>5</sup> 16,066	<sup>4</sup> 14,516	<sup>4</sup> 18,087	25,736

<sup>1</sup> Estimate based on 1950 actual figures.<sup>2</sup> Not available.<sup>3</sup> Less than 500.<sup>4</sup> Estimated by CAA on basis of available data.<sup>5</sup> "Investigation of Air Service by Large Irregular Carriers," CAB Docket No. 5132, Exhibit BAO-7.Source: Department of Commerce, Civil Aeronautics Administration; CAA *Statistical Handbook of Civil Aviation*.

### No. 711.—CIVIL AIRPLANE OUTPUT, BY POWER AND TYPE: 1948 TO 1954

ITEM	1948	1949	1950	1951	1952	1953	1954 (prel.)
Airplanes produced.....	7,302	3,545	3,520	2,477	3,509	4,134	3,389
Under 3,000 lbs. airframe weight.....	7,039	3,379	3,391	2,279	3,057	3,825	3,098
3,000 lbs. airframe weight and over.....	263	166	129	198	452	309	291
Airframe weight, total.....1,000 lbs.....	10,083	6,744	5,961	5,111	9,532	10,769	10,493
Value of complete units, total.....\$1,000.....	114,207	121,447	100,097	88,844	197,151	244,418	295,738
Airplanes produced, by size:							
1- and 2-place.....	3,302	996	1,029	614	544	753	480
3- to 5-place.....	3,737	2,383	2,362	1,661	2,512	3,069	2,618
Over 5-place.....	263	166	129	202	453	312	291
Airplanes produced, by horsepower: <sup>1</sup>							
1 to 99.....	2,990	930	597	150	85	100	2,963
100 to 399.....	4,026	2,441	2,789	2,123	2,971	3,722	
400 and over.....	286	174	134	204	453	312	

<sup>1</sup> Total rated horsepower of all engines.Source: Department of Commerce, Civil Aeronautics Administration and Bureau of Census. Published in CAA *Statistical Handbook of Civil Aviation*.

### No. 712.—CIVIL AIRCRAFT EXPORTS: 1948 TO 1954

ITEM	1948	1949	1950	1951	1952	1953	1954 (prel.)
<b>NUMBER</b>							
New aircraft.....	1,026	562	456	566	840	863	629
Passenger transports.....	91	52	48	26	25	87	100
Utility aircraft.....	935	510	408	540	815	776	529
Used and surplus utility planes.....	202	288	262	300	303	416	340
Rotary-wing aircraft.....	47	31	38	23	37	98	74
New air-cooled reciprocating engines <sup>1</sup> .....	460	106	205	304	551	347	728
<b>VALUE (\$1,000)</b>							
New aircraft.....	41,536	25,165	42,697	16,851	23,715	84,646	97,514
Passenger transports.....	37,395	22,373	40,444	13,230	18,161	79,176	93,010
Utility aircraft.....	4,141	2,792	2,253	3,621	5,554	5,470	4,504
Used and surplus utility planes.....	652	819	606	856	1,494	1,484	1,178
Rotary-wing aircraft.....	1,933	1,181	984	899	1,411	4,873	4,044
New air-cooled reciprocating engines <sup>1</sup> .....	326	112	201	509	942	708	1,516

<sup>1</sup> Covers engines below 400 horsepower. Data on exports of engines of 400 horsepower and over are withheld for security reasons.Source: Department of Commerce, Civil Aeronautics Administration and Bureau of the Census. Published in CAA *Statistical Handbook of Civil Aviation*.



**No. 713.—CIVIL AERONAUTICS—DOMESTIC SCHEDULED AIR CARRIER PERSONNEL:  
1934 TO 1954**

TYPE OF PERSONNEL	1934	1940	1945	1950	1951	1952	1953	1954
<b>Total</b> .....	<b>4,201</b>	<b>15,984</b>	<b>50,313</b>	<b>61,903</b>	<b>72,898</b>	<b>79,687</b>	<b>84,651</b>	<b>84,765</b>
Pilots and co pilots.....	667	1,939	4,967	5,785	6,688	7,209	7,726	7,803
Other flight personnel.....		18	108	776	1,012	1,141	1,365	1,624
Pursers, stewards, stewardesses.....		914	2,075	3,372	4,106	4,640	4,954	5,141
Meteorologists and dispatchers.....		193	2,613	2,450	2,617	2,666	2,665	2,419
Mechanics.....	1,650	4,054	10,844	15,788	18,908	20,973	20,717	20,108
Other hangar and field personnel.....	923	1,880	7,012	9,822	11,475	12,388	14,249	14,575
Office employees.....	961	5,855	19,241	21,894	25,770	27,939	30,193	30,436
All others.....		1,131	3,453	2,016	2,322	2,731	2,782	2,659

Source: 1934 and 1940, Department of Commerce, Civil Aeronautics Administration; 1945-54, Civil Aeronautics Board. Published in *CAA Statistical Handbook of Civil Aviation*.

**No. 714.—EMPLOYMENT, HOURS, AND EARNINGS IN AIRCRAFT INDUSTRIES (ANNUAL  
AVERAGES): 1948 TO 1954**

ITEM	1948	1949	1950	1951	1952	1953	1954
<b>EMPLOYMENT <sup>1</sup> (1,000)</b>							
<b>Total</b> .....	<b>237.7</b>	<b>264.1</b>	<b>281.8</b>	<b>463.6</b>	<b>660.7</b>	<b>779.1</b>	<b>768.1</b>
Aircraft.....	158.0	175.3	188.4	313.3	425.9	472.4	473.4
Aircraft engines and parts.....	48.6	53.5	55.8	90.8	138.8	174.7	158.9
Aircraft propellers and parts.....	7.7	8.2	8.3	10.8	14.5	17.7	15.9
Other aircraft parts and equipment.....	23.3	27.0	29.3	48.8	81.6	114.2	119.9
<b>HOURS AND EARNINGS</b>							
<b>Average weekly earnings:</b>							
Aircraft industries.....	\$60.21	\$62.69	\$67.15	\$75.78	\$79.66	\$82.19	\$85.07
Aircraft engines and parts industries.....	\$63.40	\$65.24	\$71.40	\$85.81	\$86.92	\$87.29	\$85.06
<b>Average hourly earnings:</b>							
Aircraft industries.....	\$1.47	\$1.55	\$1.62	\$1.75	\$1.87	\$1.99	\$2.08
Aircraft engines and parts industries.....	\$1.55	\$1.60	\$1.70	\$1.89	\$1.98	\$2.03	\$2.09
<b>Average weekly hours:</b>							
Aircraft industries.....	41.1	40.5	41.4	43.3	42.6	41.3	40.9
Aircraft engines and parts industries.....	40.9	40.7	42.1	45.4	43.9	43.0	40.7

<sup>1</sup> Data for week ending nearest middle of month.

Source: Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Civil Aeronautics Administration and Bureau of the Census. Published in *CAA Statistical Handbook of Civil Aviation*.

# NO. 715.—CIVIL AIRWAYS MILEAGE, CIVIL AIRCRAFT, AIRPORTS, AND FEDERAL-AID AIRPORT PROGRAM, BY STATES: 1954

[As of December 31, except as noted]

DIVISION AND STATE	CIVIL AIRWAYS MILEAGE		CIVIL AIRCRAFT <sup>3</sup>		AIRPORTS AND AIRFIELDS <sup>4</sup>			FEDERAL-AID AIRPORT PROGRAM <sup>6</sup> (\$1,000)		
	L/MF <sup>1</sup>	VHF <sup>2</sup>	Total	Active	Total	Public	Limited <sup>5</sup>	Total	Federal funds	Sponsor funds
<b>Total</b> .....	61,498	63,971	90,297	57,939	6,977	2,783	4,194	382,156	184,767	197,389
<b>New England:</b>										
Maine.....	1,011	353	515	320	112	22	90	1,033	513	520
New Hampshire.....	387	232	221	127	34	14	20	396	197	199
Vermont.....	250	158	158	101	25	8	17	954	475	479
Massachusetts.....	665	633	1,406	866	82	50	32	10,440	4,829	5,611
Rhode Island.....	131	115	203	120	9	6	3	2,528	1,210	1,318
Connecticut.....	473	581	685	428	39	18	21	2,712	1,361	1,351
<b>Middle Atlantic:</b>										
New York.....	1,981	2,396	4,598	2,926	271	105	166	27,248	13,011	14,237
New Jersey.....	737	603	1,960	1,158	89	49	40	11,002	5,309	5,693
Pennsylvania.....	3,361	3,587	3,830	2,430	263	140	123	21,506	10,099	11,407
<b>East North Central:</b>										
Ohio.....	2,651	3,159	4,436	2,836	252	125	127	10,447	4,953	5,494
Indiana.....	1,400	2,119	2,786	1,843	135	86	49	8,134	3,914	4,220
Illinois.....	1,928	2,027	5,152	3,487	392	137	255	28,817	13,825	14,992
Michigan.....	2,540	1,364	3,940	2,452	255	104	151	14,973	7,223	7,750
Wisconsin.....	568	842	1,908	1,257	199	85	114	10,400	4,943	5,457
<b>West North Central:</b>										
Minnesota.....	1,050	1,330	2,242	1,568	224	72	152	9,429	4,753	4,676
Iowa.....	856	1,217	2,066	1,634	181	80	101	8,567	4,203	4,364
Missouri.....	1,262	1,809	2,123	1,522	114	52	62	12,591	6,267	6,324
North Dakota.....	877	539	1,148	682	177	40	137	1,970	988	982
South Dakota.....	751	935	1,075	807	77	33	44	2,613	1,396	1,217
Nebraska.....	936	846	1,737	1,287	202	74	128	5,270	2,615	2,655
Kansas.....	1,162	2,055	2,433	1,664	238	85	153	5,319	2,612	2,707
<b>South Atlantic:</b>										
Delaware.....	129	161	210	135	21	9	12	210	107	103
Maryland.....	802	592	913	537	45	24	21	5,809	2,900	2,909
Dist. of Columbia.....	13	512	512	310	1	1				
Virginia.....	1,585	2,226	1,244	697	96	47	49	5,354	2,689	2,665
West Virginia.....	836	1,331	574	354	51	27	24	5,406	2,663	2,743
North Carolina.....	1,147	413	1,615	1,032	114	53	61	4,275	2,167	2,108
South Carolina.....	948	739	567	356	62	32	30	1,953	996	957
Georgia.....	1,213	670	1,255	752	108	41	67	9,671	4,894	4,777
Florida.....	1,972	1,604	2,743	1,359	144	84	60	12,797	6,057	6,740
<b>East South Central:</b>										
Kentucky.....	869	1,228	721	459	49	19	30	5,078	2,545	2,533
Tennessee.....	1,086	1,056	928	600	58	31	27	7,459	3,735	3,724
Alabama.....	1,491	1,069	718	445	72	28	44	4,021	2,013	2,008
Mississippi.....	642	733	936	584	80	30	50	2,041	1,013	1,028
<b>West South Central:</b>										
Arkansas.....	771	1,032	1,104	636	82	40	42	4,057	2,003	2,054
Louisiana.....	1,137	1,009	1,338	821	100	30	70	7,476	3,743	3,733
Oklahoma.....	1,586	1,682	1,958	1,313	149	64	85	6,286	3,178	3,108
Texas.....	5,540	6,283	6,829	4,487	663	232	431	26,264	12,857	13,407
<b>Mountain:</b>										
Montana.....	1,559	1,463	1,168	888	168	55	113	1,949	1,057	892
Idaho.....	848	716	855	624	159	31	128	2,968	1,639	1,329
Wyoming.....	1,358	1,170	514	364	78	30	48	1,045	585	460
Colorado.....	808	1,148	1,250	816	119	43	76	6,783	3,247	3,536
New Mexico.....	1,530	1,895	830	551	101	35	66	2,608	1,430	1,178
Arizona.....	1,344	1,361	1,259	707	162	43	119	6,259	3,509	2,750
Utah.....	948	968	503	318	58	26	32	4,009	2,460	1,549
Nevada.....	664	589	476	288	79	26	53	2,301	1,424	877
<b>Pacific:</b>										
Washington.....	1,052	991	2,297	1,559	185	66	119	8,090	3,665	4,425
Oregon.....	920	1,038	1,723	1,121	138	46	92	4,841	2,717	2,124
California.....	3,723	4,062	10,635	6,311	465	205	260	36,797	14,778	22,019

<sup>1</sup> L/MF—Low/Medium Frequency; radio navigational aids operating between 200 and 400 kilocycles.

<sup>2</sup> VHF—Very High Frequency; radio navigational aids operating on 103 through 118 megacycles.

<sup>3</sup> Includes gliders.

<sup>4</sup> Includes military. Airport type definitions: Public use—all airports serving scheduled and large irregular air carriers as regular, alternate, and provisional stops; all CAA intermediate landing fields; all airports having a true-light certificate to indicate a lighted airport; and all other airports operationally active. Limited—all airports not qualifying as "public-use."

<sup>5</sup> Includes seaplane bases and heliports.

<sup>6</sup> Cumulative since enactment of Federal Airport Act, May 16, 1946, through Dec. 31, 1954. Does not include 1955 program.

Source: Department of Commerce, Civil Aeronautics Administration; CAA Statistical Handbook of Civil Aviation.



## 22. Waterways, Water Traffic, and Shipping

Data in this section vary as to area coverage, the variation depending upon the source of compilation. The data from the Corps of Engineers, Department of the Army, are for continental United States and Territories, possessions, etc.; data from the Bureau of the Census and the Bureau of Customs are for the United States customs area which includes Alaska, Hawaii, and Puerto Rico and, from 1935 through 1939, the Virgin Islands; data from the Maritime Administration are for continental United States.

**Units of measurement.**—Cargo tonnage represents weight of cargo in long tons (2,240 pounds) or short tons (2,000 pounds). Other tonnage figures generally refer to capacity of vessels. The terms gross and net tonnage refer to space measurement, 100 cubic feet being called 1 ton. Gross tonnage is the capacity of the entire space within the frames and the ceiling of the hull, together with those closed-in spaces above deck available for cargo, stores, passengers or crew, with certain minor exceptions. Net or registered tonnage is what remains after deducting from the gross tonnage the spaces occupied by the propelling machinery, fuel, crew quarters, master's cabin, and navigation spaces. It represents substantially space available for cargo and passengers. The net tonnage capacity of a ship recorded as "entered with cargo" may bear little relation to actual weight of cargo. Dead-weight tonnage is the weight in long tons required to depress a vessel from light water line (that is, with only the machinery and equipment on board) to load line. It is therefore the weight of the cargo, fuel, etc., which a vessel is designed to carry with safety. Shipping weight represents the gross weight of the shipments including the weight of containers, wrappings, crates, etc.

**Types of vessel shipments.**—Shipments by dry cargo vessels include shipments on all types of watercraft except tanker vessels, and shipments by tanker vessels include all types of cargo both liquid and dry carried by tanker vessels.

**Vessel entrances and clearances.**—The tables on vessel entrances and clearances show the number and net registered tonnage of American and foreign dry-cargo and tanker vessels with cargo and in ballast entering and clearing the United States customs area in the foreign trade and indicate the customs districts at which these vessels first entered and from which they last cleared. With minor exceptions, all types of watercraft engaged in the foreign trade which are required to make formal entrance and clearance under United States customs regulations are included in the statistics. Army and Navy vessels entering or clearing without commercial cargo are not included in the figures. The tons shown in tables 737-740 are net tons of 100 cubic feet carrying capacity of the vessels (as defined in Part 16 of Title 46, "Code of Federal Regulations, Measurements of Vessels") and do not represent the actual weight of cargo carried.

A vessel is reported as entered at the first port in the United States at which entry is made, regardless of whether any cargo is unladen at that port. A vessel is reported as cleared from the last port where outward cargo is completed or where the vessel cleared in ballast.

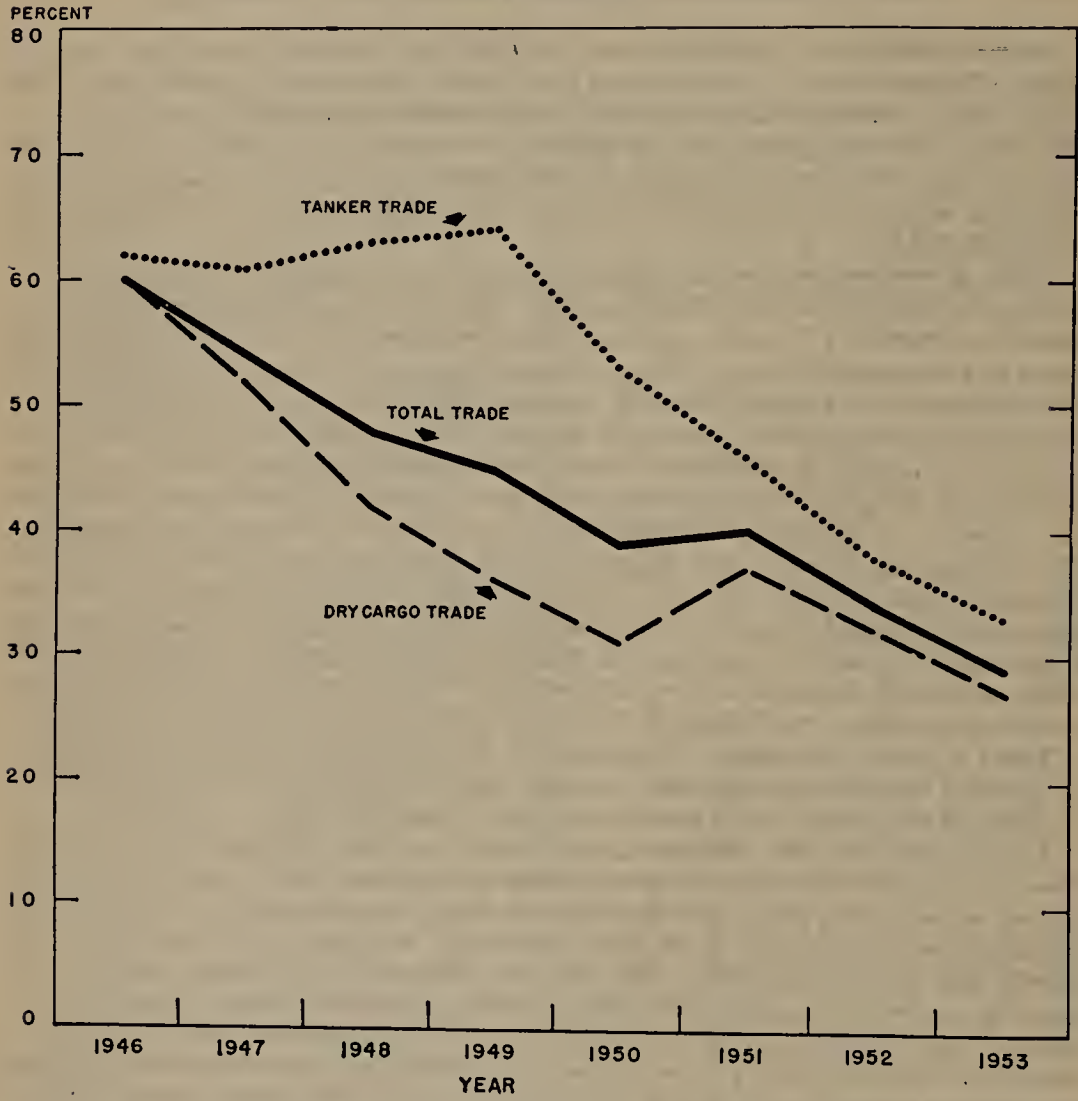
Vessels touching at a United States port in distress, or for other temporary causes without discharging cargo, are not included in the figures.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series K 132-145") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

Note.—This section presents data for the most recent year or period available on April 25, 1955, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

FIG. XLV.—PERCENT OF CARGO TONNAGE CARRIED ON AMERICAN FLAG VESSELS  
IN THE UNITED STATES EXPORT AND IMPORT TRADE: 1946 TO 1953

[See table 720]



Source: Department of Commerce, Bureau of the Census.



# No. 716.—WATER-BORNE COMMERCE OF THE UNITED STATES—CARGO TONNAGE, FOREIGN AND DOMESTIC: 1947 TO 1953

[In thousands of short tons. See also *Historical Statistics*, series K 132-145]

CLASS	1947	1948	1949	1950	1951	1952	1953
<b>Foreign commerce, total</b> .....	188,256	162,971	165,358	169,225	232,056	227,326	217,396
Imports, through seaports.....	57,366	68,078	77,153	96,299	101,813	108,674	120,595
Exports, through seaports.....	101,996	65,404	65,740	43,640	97,603	85,072	63,780
Imports, Great Lakes ports.....	4,796	4,219	4,839	5,683	6,935	7,287	7,387
Exports, Great Lakes ports.....	24,098	25,270	17,626	23,603	25,705	26,293	25,634
<b>Domestic commerce, approximate net total</b> .....	578,561	630,229	575,363	651,359	692,072	660,396	706,151
Coastwise, between ports.....	153,098	174,081	161,431	182,544	186,759	184,207	188,758
Great Lakes, between ports.....	163,180	172,491	145,592	169,881	178,463	154,112	188,621
Local traffic of seaports, Great Lakes ports, and communities on inland waterways.....	112,668	113,959	102,637	106,906	112,028	103,973	102,562
Traffic between ports and river points <sup>1</sup> .....	149,615	169,698	165,703	190,789	213,405	216,644	224,957
Traffic between ports of Territories and possession of the United States <sup>2</sup> .....				1,239	1,417	1,460	1,253
<b>Net total, foreign and domestic</b> .....	766,817	793,200	740,721	820,584	924,128	887,722	923,547

<sup>1</sup> Represents traffic among ports and communities utilizing inland waterways exclusively.

<sup>2</sup> Included in other types of domestic traffic prior to 1950.

Source: Department of the Army, Corps of Engineers, *Annual Report of Chief of Engineers*, Part II; 1953, *Water-Borne Commerce of the United States*.

# No. 717.—UNITED STATES RECEIPTS AND PAYMENTS FOR INTERNATIONAL TRANSPORTATION: 1946 TO 1954

[In millions of dollars. Data are international transportation transactions recorded for balance of payments purposes (see table 1097). Receipts include freight on exports carried by U. S. operated carriers and foreign carrier expenditures in U. S. ports. Payments include freight on imports carried by foreign carriers and U. S. carrier port expenditures abroad. Freight on exports carried by foreign carriers is excluded since such payments are directly or indirectly for foreign account. Similarly, freight on U. S. imports carried by U. S. carriers is a domestic rather than an international transaction]

ITEM	1946	1947	1948	1949	1950	1951	1952	1953	1954 <sup>1</sup>
<b>Total receipts</b> .....	1,383	1,742	1,335	1,249	1,059	1,564	1,514	1,233	1,204
Ocean shipping.....	1,277	1,597	1,181	1,085	883	1,353	1,286	992	969
Export freight earnings.....	893	961	531	455	347	657	524	372	377
Coal.....	184	257	83	52	1	129	73	9	3
Grain.....	82	67	44	38	23	142	57	21	21
Other dry cargo.....	594	608	389	353	311	358	373	323	339
Tanker.....	33	29	15	12	12	28	21	19	14
Military-controlled export freight earnings.....	93	197	223	192	51	44	72	216	23
Freight earnings on shipments between foreign countries.....	79	100	112	100	110	201	175	103	97
Passenger fares.....	28	39	35	21	26	18	22	21	24
Port expenditures.....	162	281	268	291	313	411	462	465	455
Charter hire.....	22	19	12	26	36	22	31	15	13
Other transportation.....	106	145	154	164	176	211	228	241	235
<b>Total payments</b> .....	459	583	646	701	818	973	1,115	1,058	980
Ocean shipping.....	349	456	501	549	643	787	911	842	753
Import freight payments.....	115	141	193	214	295	384	428	402	337
Dry cargo.....	109	133	175	191	255	279	318	320	277
Tanker.....	6	8	18	23	40	105	110	82	60
Passenger fares.....	17	47	63	90	121	102	133	133	134
Port expenditures.....	186	231	198	177	138	183	190	142	125
Charter hire.....	31	37	47	68	89	118	160	165	157
Other transportation.....	110	127	145	152	175	186	204	216	227
<b>Receipts balance</b> .....	924	1,159	689	548	241	591	399	175	224

<sup>1</sup> Preliminary.

<sup>2</sup> Not comparable with 1946 to 1952. Represents freight on economic aid only, with freight on military end items not included.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, September 1953, and records.

## No. 718.—EMPLOYMENT ON AMERICAN FLAG MERCHANT VESSELS: 1925 TO 1954

[Estimates of personnel employed on U. S. merchant ships 1,000 gross tons and over. Excludes vessels on inland waterways, Great Lakes, and those owned by the United States Army and Navy, and special types such as cable ships, tugs, etc.]

DATE <sup>1</sup>	Employment	DATE <sup>1</sup>	Employment	DATE <sup>1</sup>	Employment
1925.....	56,750	1937.....	59,150	1949.....	71,970
1926.....	58,630	1938.....	49,800	1950.....	61,550
1927.....	61,430	1939.....	52,000	1951.....	84,300
1928.....	61,100	1940.....	49,810	1952.....	76,650
1929.....	64,480	1941.....	51,280	1953: Mar. 31.....	71,500
1930.....	64,250	1942.....	47,410	June 30.....	72,750
1931.....	58,780	1943 (June 20).....	75,000	Sept. 30.....	69,900
1932.....	54,000	1944 (June 20).....	125,290	Dec. 31.....	66,350
1933.....	54,380	1945 (June 20).....	158,860	1954: Mar. 31.....	65,250
1934.....	55,100	1946 (June 20).....	120,050	June 30.....	63,850
1935.....	56,150	1947 (Dec. 20).....	110,820	Sept. 30.....	62,100
1936.....	57,200	1948.....	80,250	Dec. 31.....	58,600

<sup>1</sup> June 30 except as indicated.

Source: Department of Commerce, Maritime Administration; records.

## No. 719.—BASIC WAGE SCALE FOR ABLE-BODIED SEAMEN: 1918 TO 1954

[Represents basic wage, over and above subsistence (board and room), paid to seamen having qualifying experience and employed on American flag merchant vessels. Excludes overtime and fringe benefits]

EFFECTIVE DATE	Monthly wage rate	EFFECTIVE DATE	Monthly wage rate	EFFECTIVE DATE	Monthly wage rate
May 4, 1918.....	\$75.00	Jan. 1, 1933.....	\$52.00	Oct. 1, 1947.....	\$197.50
July 28, 1918.....	85.00	Jan. 1, 1934.....	52.00	Mar. 1, 1948.....	210.00
May 1, 1920.....	85.00	Jan. 1, 1935.....	55.00	Dec. 3, 1948.....	226.00
May 1, 1921.....	72.50	Jan. 1, 1936.....	60.00	Sept. 30, 1950.....	248.50
Jan. 1, 1922.....	58.12	Jan. 1, 1937.....	64.00	Oct. 1, 1951.....	288.00
Jan. 1, 1923.....	49.44	Nov. 1, 1937.....	72.50	Apr. 27, 1952.....	302.40
Jan. 1, 1924.....	60.00	Oct. 31, 1938.....	72.50	June 16, 1953.....	314.41
Jan. 1, 1925.....	59.00	Jan. 1, 1939.....	72.50	June 16, 1954.....	314.41
Jan. 1, 1926.....	60.00	Jan. 1, 1940.....	72.50		
Jan. 1, 1927.....	77.00	Feb. 10, 1941.....	90.00		
Jan. 1, 1928.....	60.00	Jan. 1, 1942.....	100.00		
Jan. 1, 1929.....	64.00	Oct. 1, 1945.....	145.00		
Jan. 1, 1930.....	61.00	Apr. 1, 1946.....	162.50		
Jan. 1, 1931.....	60.00	June 15, 1946.....	172.50		
Jan. 1, 1932.....	56.00	Feb. 1, 1947.....	182.85		

Source: Department of Commerce, Maritime Administration; *Annual Report of Commission of Navigation, Collective Bargaining Agreements*, and records.



# No. 720.—WATER-BORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY FLAG OF CARRIER VESSEL: 1921 TO 1954

[In cargo tons of 2,240 pounds. Excludes cargoes (small in aggregate) carried by ships of less than 100 tons gross capacity prior to 1946. Beginning 1946, excludes U. S. Army and Navy cargo, and includes Alaska, Hawaii, and Puerto Rico. Beginning July 1950, excludes commodities classified for security reasons as "special category"]

YEAR AND DISTRICT	IMPORTS BY FLAG OF CARRIER VESSELS			EXPORTS BY FLAG OF CARRIER VESSELS		
	Total	American	Foreign	Total	American	Foreign
<b>TOTAL</b>						
1921.....	33,184,790	23,454,831	9,729,959	48,640,044	18,557,464	30,082,580
1925.....	43,135,154	21,214,626	21,920,528	49,666,499	15,716,692	33,949,807
1930.....	47,562,416	24,822,560	22,739,856	49,730,870	14,913,598	34,817,272
1935.....	33,965,678	14,125,363	19,840,315	38,145,865	8,740,017	29,405,848
1939.....	37,548,452	11,124,084	26,424,368	55,086,843	9,425,952	45,660,891
1940.....	39,881,161	15,465,891	24,415,270	54,401,306	11,553,124	42,848,182
1942 <sup>1</sup> .....	24,458,000	15,535,000	8,923,000	37,205,000	14,488,000	22,717,000
1943 <sup>1</sup> .....	27,668,000	22,089,000	5,579,000	42,647,000	22,591,000	20,056,000
1944 <sup>1</sup> .....	29,750,000	23,401,000	6,349,000	49,299,000	30,359,000	18,940,000
1945 <sup>1</sup> .....	35,202,000	28,049,000	7,153,000	55,003,000	33,687,000	21,316,000
1946.....	43,914,094	28,874,571	15,039,523	77,716,542	44,463,070	33,253,472
1947.....	52,860,000	33,645,000	19,215,000	110,997,000	54,520,000	56,477,000
1948.....	60,192,997	36,185,590	24,007,407	78,849,620	30,804,647	48,044,973
1949.....	69,081,139	36,932,206	32,148,933	64,164,776	23,335,624	40,829,152
1950.....	86,342,305	37,739,650	48,602,655	55,969,164	18,195,757	37,773,407
1951.....	89,823,763	38,245,983	51,577,780	103,294,219	38,599,961	64,694,258
1952.....	95,911,613	37,216,976	58,694,637	92,006,739	27,158,232	64,848,507
1953.....	106,222,211	34,359,937	71,862,274	71,755,735	17,356,205	54,399,530
1954.....	107,477,217	32,321,246	75,155,971	69,285,593	16,320,669	52,964,924
<b>DRY CARGO</b>						
1948.....	32,732,094	15,359,212	17,372,882	67,702,862	27,283,247	40,419,615
1949.....	35,023,498	12,672,750	22,350,748	55,019,687	19,942,857	35,076,830
1950.....	41,616,924	13,234,760	28,382,164	47,837,917	14,669,123	33,168,794
1951.....	44,690,068	15,885,924	28,804,144	90,385,549	34,255,468	56,130,081
1952.....	44,971,513	16,533,355	28,438,158	79,225,654	23,459,411	55,766,243
1953.....	51,158,988	15,371,481	35,787,507	59,786,605	14,284,194	45,502,411
1954.....	51,156,458	14,709,075	36,447,383	59,660,500	14,023,382	45,637,118
<b>TANKER CARGO</b>						
1948.....	27,460,903	20,826,378	6,634,525	11,146,758	3,521,399	7,625,359
1949.....	34,057,641	24,259,456	9,798,185	9,145,089	3,392,767	5,752,322
1950.....	44,725,381	24,504,890	20,220,491	8,131,247	3,526,634	4,604,613
1951.....	45,133,695	22,360,059	22,773,636	12,908,670	4,344,493	8,564,177
1952.....	50,940,100	20,683,621	30,256,479	12,781,085	3,698,821	9,082,264
1953.....	55,063,223	18,988,456	36,074,767	11,969,130	3,072,011	8,897,119
1954.....	56,320,759	17,612,171	38,708,588	9,625,093	2,297,287	7,327,806

<sup>1</sup> Excludes U. S. Army and Navy cargo, and Great Lakes.

# No. 721.—WATER-BORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY COASTAL DISTRICTS: 1948 TO 1954

[In cargo tons of 2,240 pounds. Excludes U. S. Army and Navy cargo, and includes Alaska, Hawaii, and Puerto Rico. Beginning July 1950, excludes commodities classified for security reasons as "special category"]

DISTRICT	1948	1949	1950	1951	1952	1953	1954
<b>IMPORTS</b>							
Atlantic ports.....	46,743,960	52,052,017	67,912,822	69,798,810	73,550,058	79,083,529	80,750,830
Gulf ports.....	7,319,684	9,463,434	9,759,324	9,743,716	10,744,107	12,280,278	14,607,575
Pacific ports.....	2,628,805	3,252,244	3,656,037	4,219,999	5,265,625	8,094,919	6,888,333
Great Lakes ports.....	3,500,547	4,313,444	5,014,122	6,061,239	6,351,823	6,763,485	5,230,429
<b>EXPORTS</b>							
Atlantic ports.....	32,225,600	25,373,754	13,596,490	48,780,177	37,785,393	24,252,607	26,881,588
Gulf ports.....	18,061,724	16,996,765	15,016,177	20,041,283	21,176,096	17,757,004	16,447,617
Pacific ports.....	6,222,034	6,071,153	6,490,791	13,365,945	12,287,586	10,048,547	9,446,253
Great Lakes ports.....	22,340,262	15,723,104	20,865,706	21,106,815	20,757,664	19,697,577	16,510,134

Source of tables 720 and 721: Department of Commerce, Bureau of the Census; current summary reports, FT 985, *Water-Borne Foreign Trade Statistics*.

# No. 722.—WATER-BORNE IMPORTS—SHIPPING WEIGHT ON DRY-CARGO AND TANKER VESSELS, BY TRADE AREA: 1951 TO 1953

[In millions of pounds. Represents general imports. See 1951 *Abstract*, table 641, for latest data available by countries]

TRADE AREA	1951			1952			1953		
	Total	On American vessels	Percent American	Total	On American vessels	Percent American	Total	On American vessels	Percent American
<b>DRY CARGO</b>									
Trade area, total.....	100,105.8	35,584.5	35.5	100,736.2	37,034.7	36.8	114,596.1	34,432.1	30.0
Foreign except Canadian.....	75,437.4	31,876.8	42.3	75,447.8	31,433.1	41.7	87,046.5	28,632.9	32.9
Caribbean.....	17,438.0	7,089.0	40.7	22,652.3	10,831.3	47.8	25,778.1	9,334.3	36.2
East Coast South America.....	5,841.3	2,429.9	41.6	5,619.1	1,849.7	32.9	4,081.6	1,363.6	33.4
West Coast South America.....	10,013.3	7,732.5	77.2	8,858.7	5,770.9	65.1	11,895.7	7,016.4	59.0
West Coast Central America and Mexico.....	1,771.9	1,017.5	57.4	1,811.8	1,062.5	58.6	2,120.4	1,034.9	48.8
Gulf Coast Mexico.....	612.5	139.2	22.7	658.4	246.9	37.5	663.0	219.4	33.1
United Kingdom and Eire.....	1,785.2	580.7	32.5	1,597.9	489.7	30.6	1,743.3	511.7	29.4
Baltic, Scandinavia, Iceland and Greenland.....	7,672.2	2,113.0	27.5	6,387.2	1,492.1	23.4	7,195.2	405.9	5.6
Bayonne-Hamburg Range.....	8,535.0	1,876.2	22.0	5,513.5	961.9	17.4	7,646.8	1,055.2	13.8
Portugal and Spanish Atlantic.....	647.9	127.2	19.6	621.6	135.2	21.8	523.4	120.0	22.9
Azores, Mediterranean, and Black Sea.....	4,227.0	1,330.7	31.5	3,204.8	1,304.4	40.7	3,621.5	1,004.5	27.7
West Coast Africa.....	2,688.1	853.1	31.7	3,707.1	911.9	24.6	4,692.1	683.1	14.7
South and East Africa.....	2,596.3	1,551.4	59.8	2,409.4	1,672.9	69.4	3,280.8	1,829.7	55.8
Australasia.....	691.6	248.2	35.9	911.8	303.2	33.3	1,280.5	376.1	29.4
India, Persian Gulf, and Red Sea.....	3,344.6	1,148.1	34.3	4,054.3	1,673.9	41.3	4,855.8	1,305.5	26.9
Straits Settlements and Netherlands East Indies.....	2,292.8	1,382.2	60.3	1,627.7	692.9	42.6	1,504.8	601.4	40.0
South China, Formosa, and Philippines.....	4,475.3	1,817.9	40.6	4,879.3	1,661.2	34.0	5,082.8	1,444.5	28.4
North China, including Shanghai and Japan.....	804.6	440.1	54.7	932.6	377.5	40.5	1,080.7	321.6	29.8
Canadian.....	24,668.4	3,707.7	15.0	25,288.4	5,596.6	22.1	27,549.6	5,799.3	21.1
Pacific Canada.....	2,777.2	912.4	32.9	3,273.8	896.5	27.4	4,539.2	849.7	18.7
Great Lakes Canada.....	12,040.8	1,540.6	12.8	12,839.2	4,216.9	32.8	13,387.5	4,575.6	34.2
Atlantic Canada and Newfoundland.....	9,850.3	1,254.6	12.7	9,175.3	483.2	5.3	9,622.8	374.0	3.9
<b>TANKER CARGO</b>									
Trade area, total.....	101,099.5	50,086.5	49.5	114,105.8	46,331.3	40.6	123,341.6	42,534.1	34.5
Foreign except Canadian.....	101,069.4	50,068.5	49.5	113,760.6	46,022.0	40.5	123,163.1	42,416.3	34.4
Caribbean.....	79,979.8	42,806.7	53.5	89,326.5	40,604.2	45.5	88,174.8	37,066.2	42.0
East Coast South America.....	3.3			(1)	(1)	100.0	9.4		
West Coast South America.....	40.0	16.8	42.0	29.8	18.0	60.4	59.5	11.9	20.0
West Coast Central America and Mexico.....	43.2	30.7	71.1	124.4	62.9	50.6	104.1	64.7	62.2
Gulf Coast Mexico.....	6,132.1	3,728.7	60.8	4,138.9	798.5	19.3	4,872.8	1,106.8	22.7
United Kingdom and Eire.....	562.4	166.5	29.6	456.6	60.8	13.3	341.9	42.6	12.5
Baltic, Scandinavia, Iceland, and Greenland.....	113.9			28.1			36.1		
Bayonne-Hamburg Range.....	1,216.3	512.7	42.2	773.6	339.6	43.9	544.3	148.4	27.3
Portugal and Spanish Atlantic.....	2.0			.1			5.0		
Azores, Mediterranean, and Black Sea.....	4,720.8	380.4	8.1	8,086.1	842.8	10.4	9,940.7	690.0	6.9
West Coast Africa.....									
South and East Africa.....				27.7			32.1	32.1	100.0
Australasia.....	.3								
India, Persian Gulf, and Red Sea.....	7,087.4	2,383.3	33.6	9,122.0	3,020.1	33.1	14,539.7	2,619.5	18.0
Straits Settlements and Netherlands East Indies.....	1,045.9			1,559.0	275.1	17.6	4,264.5	613.9	14.4
South China, Formosa, and Philippines.....	122.0	42.7	35.0	20.9			229.3	20.1	8.8
North China, including Shanghai and Japan.....				67.0			9.1		
Canadian.....	30.1	18.0	59.8	345.3	309.3	89.6	178.2	117.9	66.2
Pacific Canada.....	2.5	.4	16.0	55.1	48.1	87.3	57.5	57.5	100.0
Great Lakes Canada.....	17.6	17.6	100.0	259.0	241.4	93.2	79.4	35.6	44.8
Atlantic Canada and Newfoundland.....	10.0	(1)	0.4	31.2	19.9	63.8	41.3	24.9	60.3

<sup>1</sup> Less than 50,000 pounds.

Source: Department of Commerce, Bureau of the Census; current summary reports, FT 985, *U. S. Water-Borne Foreign Trade Statistics*.



**No. 723.—WATER-BORNE EXPORTS—SHIPPING WEIGHT ON DRY CARGO AND TANKER VESSELS, BY TRADE AREA: 1951 TO 1953**

[In millions of pounds. Covers domestic and foreign merchandise. Effective in July 1953, shipping weight of export shipments valued at \$100 to \$499 is estimated by sampling. The effect of the sampling procedure upon the rounded figures shown in this table amounts to less than 5 percent (2 chances out of 3). See 1951 Abstract, table 641, for latest data available by countries]

TRADE AREA	1951			1952			1953		
	Total	On American vessels	Percent American	Total	On American vessels	Percent American	Total	On American vessels	Percent American
<b>DRY CARGO</b>									
Trade area, total.....	202,463.6	76,732.2	37.9	177,465.5	52,600.8	29.6	133,922.0	31,996.6	23.9
Foreign except Canadian.....	155,882.1	64,850.3	41.6	132,188.5	40,631.2	30.7	89,837.9	19,861.8	22.1
Caribbean.....	8,818.0	3,424.1	38.8	8,719.9	3,367.5	38.6	7,615.4	2,514.2	33.0
East Coast South America.....	10,126.3	3,536.1	34.9	9,302.5	2,100.9	22.6	5,029.5	828.3	16.5
West Coast South America.....	2,729.5	1,121.1	41.1	2,748.9	1,015.1	36.9	2,309.4	792.3	34.3
West Coast Central America and Mexico.....	300.7	140.1	46.6	307.3	138.5	45.1	421.2	172.2	40.9
Gulf Coast Mexico.....	965.3	325.7	33.7	993.5	221.7	22.3	1,042.4	184.7	17.7
United Kingdom and Eire.....	13,630.7	4,542.0	33.3	8,675.8	2,819.2	32.5	5,608.4	1,118.4	19.9
Baltic, Scandinavia, Iceland, and Greenland.....	10,399.6	2,829.3	27.2	7,294.5	1,955.7	26.8	2,570.7	257.9	10.0
Bayonne-Hamburg Range.....	53,168.7	24,063.0	45.3	43,331.2	12,405.1	28.6	21,741.8	2,777.8	12.8
Portugal and Spanish Atlantic.....	1,018.5	110.8	10.9	896.0	311.1	34.7	659.4	38.8	5.9
Azores, Mediterranean, and Black Sea.....	24,889.9	10,386.6	41.7	17,408.5	6,526.6	37.5	13,795.1	4,937.0	35.8
West Coast Africa.....	1,436.9	387.6	27.0	1,429.8	347.0	24.3	794.0	257.9	32.5
South and East Africa.....	1,625.7	1,038.8	63.9	1,971.3	950.8	48.2	1,886.3	788.7	41.8
Australasia.....	1,632.8	331.5	20.3	1,553.5	278.0	17.9	1,220.6	245.6	20.1
India, Persian Gulf, and Red Sea.....	8,632.1	5,401.5	62.6	7,484.0	2,917.2	39.0	4,334.5	1,323.2	30.5
Straits Settlements and Netherlands East Indies.....	998.4	498.5	49.9	843.6	324.6	38.5	642.8	218.7	34.0
South China, Formosa, and Philippines.....	2,640.9	1,471.8	55.7	2,551.0	1,105.3	43.3	2,874.5	1,458.5	50.7
North China, including Shanghai and Japan.....	12,868.1	5,241.8	40.7	16,677.0	3,846.9	23.1	17,291.9	1,947.4	11.3
Canadian.....	46,581.5	11,882.0	25.5	45,277.0	11,969.7	26.4	44,084.1	12,134.8	27.5
Pacific Canada.....	579.6	264.0	45.5	657.3	290.9	44.3	580.9	216.2	37.2
Great Lakes Canada.....	42,986.6	11,593.1	27.0	41,551.1	11,677.3	28.1	41,307.5	11,906.2	28.8
Atlantic Canada and Newfoundland.....	3,015.3	24.9	0.8	3,068.6	1.4	(1)	2,195.7	12.4	0.6
<b>TANKER CARGO</b>									
Trade area, total.....	28,915.4	9,731.7	33.7	28,629.6	8,285.4	28.9	26,810.9	6,881.3	25.7
Foreign except Canadian.....	20,291.1	4,752.9	23.4	18,960.1	3,653.2	19.3	17,836.7	3,096.4	17.4
Caribbean.....	3,118.9	2,085.6	66.9	4,550.6	2,040.2	44.8	3,631.4	1,781.8	49.1
East Coast South America.....	484.1	277.0	57.2	887.3	125.7	14.2	539.6	41.7	7.7
West Coast South America.....	721.6	334.0	46.3	514.2	168.3	32.7	382.8	26.7	7.0
West Coast Central America and Mexico.....	1,720.0	499.2	29.0	909.5	141.1	15.5	1,126.5	155.6	13.8
Gulf Coast Mexico.....	24.8	9.9	39.9	8.3	-----	-----	41.3	3.7	9.0
United Kingdom and Eire.....	4,443.7	332.9	7.5	3,224.2	84.2	2.6	3,037.3	136.4	4.5
Baltic, Scandinavia, Iceland, and Greenland.....	1,293.1	101.7	7.9	1,139.6	-----	-----	831.2	(2)	(1)
Bayonne-Hamburg Range.....	1,457.0	348.4	23.9	1,234.0	249.2	20.2	1,486.5	273.4	18.4
Portugal and Spanish Atlantic.....	43.8	2.3	5.3	42.2	2.6	6.2	58.5	-----	-----
Azores, Mediterranean, and Black Sea.....	715.0	203.0	28.4	641.7	135.6	21.1	589.6	106.3	18.0
West Coast Africa.....	235.9	42.6	18.1	270.7	22.4	8.3	232.3	74.4	32.0
South and East Africa.....	419.9	110.2	26.2	308.7	36.9	12.0	232.2	12.6	5.4
Australasia.....	1,354.7	111.9	8.3	794.7	136.3	17.2	554.9	30.6	5.5
India, Persian Gulf, and Red Sea.....	810.6	64.1	7.9	2,066.5	185.6	9.0	1,614.7	38.8	2.4
Straits Settlements and Netherlands East Indies.....	638.9	-----	-----	224.3	-----	-----	-----	-----	-----
South China, Formosa, and Philippines.....	440.5	57.7	13.1	45.0	45.0	100.0	71.7	-----	-----
North China, including Shanghai and Japan.....	2,368.6	172.3	7.3	2,098.7	280.1	13.3	3,406.1	414.1	12.2
Canadian.....	8,624.3	4,978.8	57.7	9,669.5	4,632.2	47.9	8,974.0	3,784.9	42.2
Pacific Canada.....	4,272.9	2,645.0	61.9	4,517.5	2,955.8	65.4	4,763.8	2,400.5	50.4
Great Lakes Canada.....	3,921.9	2,067.2	52.7	4,137.2	1,369.5	33.1	2,846.5	781.8	27.5
Atlantic Canada and Newfoundland.....	429.5	266.5	62.0	1,014.8	306.8	30.2	1,363.7	602.6	44.2

<sup>1</sup> Less than 0.05 percent. <sup>2</sup> Less than 50,000 pounds.

Source: Department of Commerce, Bureau of the Census; current summary reports, FT 985, U. S. Water-Borne Foreign Trade Statistics.

## No. 724.—COMMERCE OF PRINCIPAL UNITED STATES OCEAN PORTS: 1953

(In thousands of short tons. In addition to commerce here shown, many ports have (1) commerce with ports on internal rivers and canals; (2) purely local port traffic)

PORT	Im-ports	Ex-ports	COASTWISE		PORT	Im-ports	Ex-ports	COASTWISE	
			Re-ceipts	Ship-ments				Re-ceipts	Ship-ments
<b>Total <sup>1</sup>-----</b>	<b>120,595</b>	<b>63,780</b>	<b>188,648</b>	<b>188,749</b>	<b>GULF COAST PORTS—Con.</b>				
<b>ATLANTIC COAST PORTS</b>					Port St. Joe Harbor, Fla.	8	1	1,886	2
Portland Harbor, Maine	8,364	147	2,872	307	Panama City Harbor, Fla.	77	15	345	106
Portsmouth Harbor, N. H.	190	-----	766	( <sup>2</sup> )	Pensacola Harbor, Fla.	96	59	10	12
Salem Harbor, Mass.	222	-----	635	-----	Mobile Harbor, Ala.	4,051	1,152	565	1,760
Boston, Mass.	4,757	234	10,994	818	New Orleans, La.	4,467	6,025	702	5,998
New Bedford and Fairhaven Harbor, Mass.	-----	( <sup>2</sup> )	328	34	Baton Rouge, La.	1,224	839	920	5,614
Fall River Harbor, Mass.	520	-----	1,192	60	Lake Charles, La. <sup>3</sup>	31	528	72	7,504
Providence River and Harbor, R. I.	954	6	5,868	447	Galveston, Tex.	348	2,347	57	1,430
New London Harbor, Conn.	396	-----	262	212	Texas City, Tex.	-----	744	336	8,017
New Haven Harbor, Conn.	848	-----	4,135	792	Houston, Tex.	1,610	4,679	678	20,418
Bridgeport Harbor, Conn.	222	-----	1,632	329	Corpus Christi, Tex.	695	570	50	8,843
Norwalk Harbor, Conn.	-----	-----	218	-----	Port Aransas, Tex.	1	291	-----	8,534
Stamford Harbor, Conn.	-----	-----	696	32	Freeport Harbor, Tex.	3	678	3	1,600
New York Harbor, N. Y.	23,838	6,721	42,965	10,334	Brazos Island Harbor, Tex.	246	349	( <sup>2</sup> )	783
Hempstead Harbor, N. Y.	-----	-----	1,480	2,487	Beaumont, Tex.	25	810	1,592	16,978
Huntington Harbor, N. Y.	-----	-----	262	3	Port Arthur, Tex.	14	1,498	2,012	14,597
Port Jefferson Harbor, N. Y.	-----	-----	575	348	<b>PACIFIC COAST PORTS</b>				
Albany, N. Y.	346	639	3,070	6	San Diego Harbor, Calif.	28	15	1,419	1
Northport Bay and Harbor, N. Y.	-----	-----	27	2,130	Long Beach Harbor, Calif.	632	1,950	1,092	1,915
Delaware River and tributaries	25,551	1,696	21,686	8,316	Los Angeles Harbor, Calif.	2,379	1,990	6,769	7,980
Baltimore Harbor and Channels, Md.	16,537	4,837	7,026	1,402	San Francisco Bay Area, Calif.	3,560	2,808	12,982	11,212
Norfolk Harbor, Va.	2,320	6,881	4,891	4,344	Crescent City Harbor, Calif.	-----	-----	186	113
Newport News, Va.	553	6,609	6	4,481	Humboldt Harbor and Bay, Calif.	-----	18	225	93
Morehead City Harbor, N. C.	142	3	288	3	Stockton, Calif.	1	541	32	206
Charleston Harbor, S. C.	1,309	177	1,991	123	Coos Bay, Oreg.	( <sup>2</sup> )	206	133	800
Savannah Harbor, Ga.	1,638	188	1,554	159	Portland, Oreg.	144	1,145	5,906	667
Jacksonville Harbor, Fla.	948	77	2,629	128	Astoria, Oreg.	9	127	94	-----
Palm Beach Harbor, Fla.	213	249	114	1	Vancouver, Wash.	15	273	18	107
Port Everglades Harbor, Fla.	207	71	1,669	138	Longview, Wash.	6	616	167	160
Miami Harbor, Fla.	211	47	730	24	Grays Harbor and Chehalis River, Wash.	1	59	165	162
San Juan Harbor, P. R.	695	79	1,329	640	Tacoma Harbor, Wash.	503	603	719	217
Mayaguez Harbor, P. R.	69	37	204	239	Seattle Harbor, Wash.	390	643	5,373	703
Ponce Harbor, P. R.	132	161	230	233	Bellingham Bay and Harbor, Wash.	488	61	34	20
<b>GULF COAST PORTS</b>					Port Angeles Harbor, Wash.	74	33	124	65
Charlotte Harbor, Fla.	-----	46	-----	782	Seward Harbor, Alaska	-----	-----	520	11
Tampa Harbor, Fla.	652	1,987	3,580	1,454	Honolulu Harbor, T. H.	106	49	1,854	618
					Kahului Harbor, Maul, T. H.	19	4	154	380
					Hilo Harbor, T. H.	31	1	198	420
					Nawiliwili Harbor, T. H.	11	3	45	294

<sup>1</sup> Includes data for ports not shown separately.

<sup>2</sup> Less than 500 tons.

<sup>3</sup> Includes Calcasieu River and Pass.

Source: Department of the Army, Corps of Engineers; *Water-Borne Commerce of the United States*



## No. 725.—COMMERCE OF PRINCIPAL GREAT LAKES PORTS: 1950 TO 1953

[In thousands of short tons. Comprises foreign imports and exports, lakewise receipts and shipments, and coastwise receipts and shipments]

PORT	RECEIPTS				SHIPMENTS			
	1950	1951	1952	1953	1950	1951	1952	1953
<b>Total</b> .....	175, 637	185, 444	161, 481	196, 117	193, 511	204, 197	180, 429	214, 265
Agate Bay (Two Harbors), Minn.....	216	194	174	207	18, 948	21, 870	17, 323	23, 420
Alabaster, Mich.....				(1)	638	685	683	(1)
Alpena Harbor, Mich.....	442	451	517	507	2, 352	2, 651	2, 319	2, 600
Ashland Harbor, Wis.....	685	543	512	430	5, 422	3, 049	3, 101	3, 699
Ashtabula, Ohio.....	10, 447	10, 997	10, 168	11, 994	3, 302	2, 635	2, 645	3, 191
Buffalo, N. Y.....	16, 458	18, 594	16, 383	18, 206	2, 417	2, 224	2, 005	2, 496
Buffington, Ind.....	1, 019	1, 146	1, 017	(1)	121	128	122	(1)
Calcite, Mich.....	150	126	133	(1)	14, 018	15, 457	14, 209	(1)
Chicago, Ill. <sup>2</sup> .....	15, 813	16, 374	12, 758	17, 319	4, 093	5, 008	5, 236	5, 140
Cleveland, Ohio.....	17, 375	19, 294	17, 115	22, 617	382	217	500	458
Conneaut Harbor, Ohio.....	9, 562	12, 450	10, 868	15, 081	2, 522	2, 132	1, 374	976
Detour, Mich.....	523	524	394	511				
Detroit, Mich.....	21, 090	21, 631	20, 634	23, 381	1, 298	1, 131	1, 227	1, 292
Drummond Island, Mich.....	8	6	7	7	1, 615	2, 104	2, 287	2, 320
Duluth-Superior, Minn. and Wis.....	10, 117	7, 933	7, 275	6, 817	53, 009	65, 180	55, 752	70, 405
Erie Harbor, Pa.....	4, 340	5, 356	3, 917	4, 978	2, 276	2, 095	1, 818	2, 111
Escanaba Harbor, Mich.....	372	268	197	(1)	5, 561	7, 249	6, 071	(1)
Fairport, Ohio.....	972	1, 435	1, 184	1, 384	1, 297	1, 166	890	1, 043
Frankfort Harbor, Mich.....	1, 071	1, 213	859	1, 028	882	758	554	718
Gary Harbor, Ind.....	9, 182	9, 215	7, 071	(1)	171		22	(1)
Grand Haven Harbor and Grand River, Mich.....	135	163	182	304	798	959	1, 011	1, 090
Great Sodus Bay, N. Y.....					2, 151	2, 299	1, 897	1, 607
Green Bay, Wis.....	3, 244	3, 196	2, 927	3, 132	8	7	5	21
Holland, Mich.....	231	213	247	290				
Huron Harbor, Ohio.....	1, 468	2, 397	2, 168	2, 318	1, 810	1, 091	1, 197	1, 268
Indiana Harbor, Ind.....	10, 355	10, 575	8, 673	12, 530	5, 182	5, 382	6, 385	7, 269
Keweenaw Harbor, Wis.....	455	397	257	408	571	685	440	639
Lorain Harbor, Ohio.....	8, 153	9, 072	6, 903	8, 866	3, 264	3, 190	2, 807	2, 704
Ludington, Mich.....	1, 681	2, 055	1, 365	1, 883	1, 726	1, 588	914	1, 289
Manistee Harbor, Mich.....	209	215	177	240	819	647	443	529
Manistique Harbor, Mich.....	136	125	90	139	233	222	231	213
Manitowoc Harbor, Wis.....	1, 498	1, 320	1, 141	1, 297	944	1, 002	664	1, 007
Marblehead, Ohio.....				(1)	1, 091	1, 086	1, 028	(1)
Marquette Harbor, Mich.....	214	240	205	186	688	646	447	529
Marysville, Mich.....	919	804	597	569	16	19	28	26
Menominee Harbor and River, Mich., and Wis.....	881	790	626	752	82	85	70	71
Milwaukee Harbor, Wis.....	7, 357	6, 836	6, 379	6, 796	1, 421	1, 453	1, 061	1, 357
Muskegon Harbor, Mich.....	2, 124	2, 221	2, 142	2, 448	1, 220	1, 220	1, 008	1, 091
Ogdensburg, N. Y.....	368	434	326	259	249	240	237	189
Oswego, N. Y.....	1, 267	1, 677	1, 369	1, 371	809	708	526	580
Port Huron, Mich.....	554	677	796	865	10	30	176	269
Port Inland Harbor, Mich.....	2		1	(1)	4, 523	4, 740	3, 710	(1)
Port Washington Harbor, Wis.....	968	1, 177	1, 177	1, 129				
Presque Isle Harbor, Mich.....		1		3	3, 850	4, 665	4, 063	5, 158
Racine Harbor, Wis.....	145	158	143	127	9			
Rochester, N. Y.....	29	10	9	9	1, 218	1, 252	939	858
Saginaw River, Mich., and ports.....	4, 019	3, 613	3, 759	3, 701	54	54	61	108
St. Joseph Harbor, Mich.....	314	292	307	384				
Sandusky Harbor, Ohio.....	1	2	3	2	9, 822	7, 363	6, 819	8, 412
Sault Ste. Marie, Mich.....	502	447	388	438	2	6		
Sheboygan Harbor, Wis.....	641	508	490	541				
Toledo Harbor, Ohio.....	4, 640	4, 300	3, 855	5, 003	29, 307	25, 901	24, 277	26, 186
Tonawanda, N. Y.....	402	423	388	354	31		10	29
All other.....	2, 883	3, 356	3, 208	15, 306	1, 279	1, 918	1, 837	31, 897

<sup>1</sup> Included in "All other."

<sup>2</sup> Comprises Chicago Harbor and River, Calumet Harbor and River, Lake Calumet, Calumet-Sag Channel, and Chicago Sanitary and Ship Canal to Sag Junction.

Source: Department of the Army, Corps of Engineers; *Annual Report of Chief of Engineers*, Part 2; 1953, *Water-Borne Commerce of the United States*.

## No. 726.—FREIGHT CARRIED ON GREAT LAKES SYSTEM: 1953

[In thousands of ton-miles]

AREA	Total	DOMESTIC				FOREIGN	
		Lakewise	Coast-wise	Internal	Local and intraport	Canadian	Overseas
<b>Total</b> .....	127,383,073	111,353,130	54,099	500,741	157,717	14,845,065	472,321
Lake Superior.....	41,515,257	37,409,025	-----	-----	1,143	4,100,067	5,022
St. Marys River.....	7,476,778	6,568,778	-----	-----	1	907,174	825
Lake Michigan, including Port of Chicago <sup>1</sup> .....	19,779,142	18,353,555	11,159	304,744	77,597	950,623	81,464
Lake Huron.....	30,018,458	26,482,140	6,835	6,288	4,460	3,448,991	69,744
St. Clair River, including channels in Lake St. Clair.....	7,167,734	6,425,909	1,584	1,457	7,287	714,891	16,606
Detroit River.....	3,981,339	3,541,593	2,006	2,847	4,948	417,489	12,456
Lake Erie, including upper Niagara River.....	15,749,075	12,464,950	18,476	61,113	62,278	3,022,262	119,996
Welland Canal.....	340,950	10,676	2,256	17,267	-----	295,844	14,907
Lake Ontario, including lower Niagara River.....	976,748	89,264	11,783	97,970	3	689,934	87,794
St. Lawrence River, between St. Regis, Quebec, and Lake Ontario.....	377,592	7,240	-----	9,055	-----	297,790	63,507

<sup>1</sup> See footnote 2, table 725.Source: Department of the Army, Corps of Engineers; *Water-Borne Commerce of the United States*.

## No. 727.—FREIGHT CARRIED ON MISSISSIPPI RIVER SYSTEM: 1942 TO 1953

[In thousands. Net traffic]

YEAR	TRAFFIC IN SHORT TONS					TRAFFIC IN TON-MILES				
	Total	Inland	Coast-wise	Foreign		Total	Inland	Coast-wise	Foreign	
				Imports	Exports				Imports	Exports
1942.....	100,351	92,148	3,106	2,479	2,618	16,498,840	15,339,165	517,456	284,469	357,750
1943.....	93,562	86,537	1,814	2,902	2,309	16,765,204	15,874,740	299,190	319,892	271,382
1944.....	101,341	91,377	3,048	3,272	3,643	20,381,558	19,004,643	548,830	359,552	468,533
1945.....	95,543	82,081	4,954	3,114	5,394	19,595,193	17,737,830	849,230	340,228	667,905
1946.....	95,648	80,474	7,923	2,411	4,840	18,358,220	16,210,079	1,279,553	260,381	608,207
1947.....	117,974	97,871	10,489	3,454	6,161	23,479,053	20,740,265	1,615,136	374,846	748,806
1948.....	125,438	104,532	11,406	3,924	5,576	27,923,751	24,871,700	1,871,510	481,890	698,651
1949.....	122,314	100,157	12,405	3,748	6,003	27,399,055	24,153,321	1,973,074	502,600	770,060
1950.....	138,145	114,697	13,877	4,395	5,176	33,597,816	30,281,638	2,074,088	599,288	642,802
1951.....	154,637	128,575	14,192	5,069	6,801	36,754,185	33,003,533	2,193,272	692,411	864,969
1952.....	157,673	132,433	12,553	5,514	7,173	37,066,990	33,302,941	2,057,735	799,448	906,866
1953.....	169,392	142,568	14,162	5,762	6,900	42,357,919	38,289,640	2,333,601	826,018	908,660

## No. 728.—FREIGHT CARRIED ON INLAND WATERWAYS, BY SYSTEM: 1948 TO 1953

[In thousands of ton-miles]

SYSTEM	1948	1949	1950	1951	1952	1953 <sup>1</sup>
<b>Total</b> .....	161,846,212	139,396,230	163,343,977	182,216,124	168,367,505	202,439,332
Atlantic coast rivers.....	4,510,915	4,414,348	6,497,249	10,396,724	9,741,456	13,138,311
Gulf coast rivers.....	575,992	658,655	1,228,645	1,141,914	1,127,494	4,242,101
Pacific coast rivers.....	1,459,041	1,624,795	1,686,494	4,376,587	4,558,182	4,533,243
Mississippi River system, including Ohio River and tributaries.....	27,923,751	27,399,055	33,597,816	36,754,185	37,066,991	42,357,919
Other waterways.....	10,683	8,022	7,720	6,570	6,648	(2)
Canals and connecting channels <sup>3</sup> .....	8,658,709	7,788,007	8,638,713	9,556,340	11,336,422	10,784,685
Great Lakes system.....	118,707,121	97,503,348	111,687,340	119,983,804	104,530,312	127,383,073

<sup>1</sup> Coverage increased approximately 3 percent.<sup>2</sup> Included in Great Lakes system.<sup>3</sup> Except Great Lakes.Source of tables 727 and 728: Department of the Army, Corps of Engineers; *Annual Report of Chief of Engineers*, Part 2, 1953, *Water-Borne Commerce of the United States*.



# No. 729.—COMMERCE ON PRINCIPAL RIVERS, CANALS, AND CONNECTING CHANNELS OF THE UNITED STATES: 1948 TO 1953

[In thousands of short tons. Excludes general ferry traffic, non-regulated car ferry traffic, and cargoes in transit]

WATERWAY	1948	1949	1950	1951	1952	1953
<b>RIVERS</b>						
Connecticut River below Hartford, Conn.	1,864	1,802	1,983	2,001	2,142	2,151
Hudson River, N. Y. (Mouth of Spuyten Duyvil Creek to Waterford, N. Y.)	12,716	13,593	14,574	18,575	18,072	17,827
Delaware River, Philadelphia, Pa., to Trenton, N. J.	7,218	5,901	7,086	7,508	6,950	7,526
Delaware River, Philadelphia, Pa., to the sea	42,375	39,633	69,283	72,111	69,822	73,828
Potomac River below Washington, D. C.	2,450	2,290	2,402	3,131	3,337	3,440
James River, Va.	3,101	3,255	3,610	4,580	4,609	4,645
Wilmington Harbor, N. C. <sup>1</sup>	2,951	3,107	4,022	4,495	4,048	4,109
Mobile River, Ala., tributaries	3,179					
Black Warrior, Warrior, and Tombigbee Rivers, Ala.	2,059	2,190	2,603	2,713	2,554	2,857
Bayou Teche, La.	799	996	1,241	910	785	396
Lake Pontchartrain, La.	597	616	1,390	1,350	1,312	828
Mermentau River, Bayou Nezpique, and Bayou Des Cannes, La.	1,505	1,549	1,763	1,448	1,858	1,648
Bayou Lafourche, La.	1,381	1,831	2,182	2,280	1,946	2,217
Bayou Terrebonne, La.	1,046	1,221	1,507	1,284	1,589	1,684
Petit Anse, Tigre, and Carlin Bayous, La.	1,518	1,784	1,916	1,966	1,526	649
San Bernard River, Tex.				1,618	2,829	2,385
San Joaquin River, Calif.	1,003	1,227	1,495	1,651	1,884	1,980
Sacramento River, Calif.	1,542	1,610	1,591	1,975	1,889	1,972
Columbia and Lower Willamette Rivers below Vancouver, Wash., and Portland, Oreg.	15,592	18,369	18,578	19,949	19,754	18,475
Columbia River from Vancouver, Wash., to The Dalles, Oreg.	2,684	3,034	2,845	3,095	3,119	2,990
Columbia River and tributaries above Celilo Falls to McNary Lock and Dam, Oreg. and Wash.	697	906	833	1,022	1,042	795
Willamette River above Portland and Yamhill River, Oreg.	4,170	4,149	3,948	4,394	4,190	4,449
Snohomish River, Wash.	1,637	1,699	1,657	1,749	1,883	1,836
Illinois Waterway, Ill.	12,273	12,895	16,421	17,618	17,434	20,077
Red River below Fulton, Ark.	81	161	872	1,125	1,021	630
Mississippi River, Minneapolis, Minn., to the Passes	57,148	59,323	66,923	72,511	77,585	80,100
Missouri River:						
Kansas City to the mouth	797	917	763	816	1,199	966
Kansas City to Sioux City	811	800	869	1,372	1,647	1,580
Sioux City to Fort Benton	15	4		70	67	62
Allegheny River, Pa.	3,270	3,013	3,594	4,258	3,539	3,692
Monongahela River, Pa. and W. Va.	30,015	25,246	28,510	32,034	28,038	33,370
Kanawha River, W. Va.	5,911	4,956	6,388	7,092	6,900	7,422
Ohio River, Pittsburgh to mouth <sup>2</sup>	42,792	41,300	48,598	56,541	55,957	62,034
Cumberland River, Tenn., and Ky.	1,352	1,479	1,647	1,780	2,168	2,495
Tennessee River, Tenn., Ala., and Ky.	2,963	2,767	3,051	3,749	5,838	7,119
<b>FEDERAL CANALS AND CONNECTING CHANNELS</b>						
Cape Cod Canal, Mass.	13,113	11,619	13,625	13,128	12,803	13,529
Inland Waterway from Delaware River to Chesapeake Bay, Del. and Md.	5,597	6,362	7,298	8,636	6,748	8,897
Lake Charles Deep Water Channel, La.	10,840	11,382	12,164	13,832	16,925	16,267
Gulf Intracoastal Waterway, Plaquemine to Morgan City, alternate route	2,158	2,191	1,819	2,054	2,184	2,235
Gulf Intracoastal Waterway, Apalachee Bay, Fla., to the Mexican border	27,866	28,291	31,520	35,528	42,198	41,727
Sabine-Neches Waterway, Tex.	55,595	51,063	48,385	54,366	54,623	56,763
Port Aransas (Aransas Pass) Corpus Christi Waterway, Tex.	22,862	19,290	21,132	24,606	23,797	23,392
Detroit River, Mich.	133,734	108,464	127,292	131,518	116,550	140,729
St. Marys Falls Canal, Mich. <sup>3</sup>	115,414	95,832	106,140	119,864	106,276	128,510
Grays Reef Passage, Mich.	6,353	5,370	6,045	6,182	6,791	6,415
Multnomah Channel, Oreg.	1,639	1,536	997	1,029	1,058	1,173
Canals and locks at Willamette Falls, Oreg.	1,977	1,806	1,664	1,854	1,768	1,714
Lake Washington Ship Canal, Wash.	2,115	2,012	2,056	2,082	1,979	1,979
<b>STATE AND PRIVATE CANALS</b>						
New York State Barge Canal <sup>4</sup>	4,514	3,950	4,616	5,211	4,488	4,497
Innerharbor Navigation Canal, La.	2,123	2,322	2,338	3,017	3,587	3,046

<sup>1</sup> Reported as "Cape Fear River at and below Wilmington, N. C." prior to 1949.

<sup>2</sup> See also table 735.

<sup>3</sup> See also table 734.

<sup>4</sup> See also table 736.

Source: Department of the Army, Corps of Engineers; *Annual Report of Chief of Engineers*, Part 2; 1953, *Water-Borne Commerce of the United States*.

# No. 730.—PANAMA CANAL COMPANY—REVENUE, EXPENSES, AND NET INCOME: 1952 AND 1953

[In thousands of dollars. For years ending June 30. Under provisions of Public Law 841 effective July 1, 1951, maintenance and operation of the Panama Canal and its facilities and appurtenances were transferred to the Panama Canal Company. The Canal Zone Government, a separate entity under the new law, is charged now exclusively with the functions of civil government; however, the net cost of operations of this agency, including depreciation, must be repaid to the Treasury by the Panama Canal Company from its revenues. Because of material changes in financial, accounting, and administrative bases, the data shown here cannot be considered comparable with that heretofore shown for the Panama Canal agency. Furthermore, all data are subject to adjustments upon completion of the appraisal of assets transferred from the Panama Canal agency, since any substantial change in the valuation of depreciable assets (or in depreciation practices) will materially affect the operating expenses of the Company]

ITEM	1952	1953	ITEM	1952	1953
<b>Revenue</b> -----	<b>79,771</b>	<b>88,654</b>	<b>Operating income</b> -----	<b>18,489</b>	<b>25,542</b>
Canal and related marine operations-----	32,757	40,039	Canal and related marine operations-----	17,001	23,998
Canal tolls-----	26,996	31,973	Auxiliary operations-----	464	431
Credit for tolls on U. S. Government vessels-----	3,414	5,558	Employee services-----	630	492
Sales of services-----	2,348	2,508	Other supporting services-----	394	620
Auxiliary operations-----	9,572	10,433	<b>Deduct:</b>		
Employee services-----	27,345	28,030	Net cost of Canal Zone Government payable to U. S. Treasury-----	9,608	<sup>2</sup> 11,320
Other supporting services-----	10,098	10,152	Interest payable to U. S. Treasury-----	6,363	6,669
<b>Operating expenses, net</b> -----	<b>61,282</b>	<b>63,112</b>	Other corporate charges (net)-----	149	352
Canal and related marine operations-----	<sup>1</sup> 15,757	<sup>1</sup> 16,040	<b>Net income for year</b> -----	<b>2,369</b>	<b>7</b>
Auxiliary operations-----	9,107	10,001			
Employee services-----	26,715	27,538			
Other supporting services-----	9,703	9,532			

<sup>1</sup> Includes \$430,000 annuity to Republic of Panama.

<sup>2</sup> Includes abandoned capital projects written off, \$1,139,273.

Source: Panama Canal Company, annual report.

# No. 731.—PANAMA CANAL—REVENUES, EXPENSES, AND COMPUTED SURPLUS: 1914 TO 1951

[In thousands of dollars]

YEAR ENDING JUNE 30	Tolls <sup>1</sup>	Civil revenues	Business profits <sup>2</sup>	Total revenues	Net appropriation expenses <sup>3</sup>	Net revenues <sup>2</sup>	Capital interest, 3 per cent <sup>4</sup>	Computed surplus <sup>5</sup>
<b>Total</b> -----	<b>643,884</b>	<b>7,829</b>	<b>22,595</b>	<b>674,307</b>	<b>401,343</b>	<b>272,964</b>	<b>472,375</b>	<b>199,411</b>
1914 to 1931, total-----	271,864	4,178	8,748	284,790	138,903	145,886	165,558	19,672
1932-----	20,707	327	557	21,591	10,239	11,352	14,944	3,592
1933-----	19,621	310	1,136	21,067	9,556	11,511	14,908	3,397
1934-----	24,065	97	1,367	25,528	7,931	17,597	15,039	2,558
1935-----	23,339	82	1,021	24,442	9,481	14,961	15,124	163
1936-----	23,507	120	920	24,547	9,675	14,872	15,160	288
1937-----	23,147	99	917	24,164	10,290	13,874	15,205	1,331
1938-----	23,215	90	825	24,130	9,576	14,555	15,230	676
1939-----	23,699	107	681	24,488	10,145	14,342	15,250	908
1940-----	21,177	118	1,034	22,330	10,042	12,288	15,243	2,956
1941-----	18,190	276	1,009	19,475	9,614	9,861	15,275	5,414
1942-----	9,772	<sup>6</sup> 219	734	10,726	9,407	1,319	15,302	13,983
1943-----	7,369	<sup>6</sup> 55	1,493	8,916	11,269	2,352	15,432	17,785
1944-----	5,474	239	1,553	7,267	12,634	5,368	15,484	20,851
1945-----	7,223	239	1,469	8,931	13,905	4,975	15,476	20,450
1946-----	14,792	268	<sup>7</sup> 208	<sup>7</sup> 15,267	15,214	<sup>7</sup> 53	15,427	<sup>7</sup> 15,374
1947-----	17,642	110	1,726	19,478	18,074	1,404	15,478	14,073
1948-----	20,004	294	<sup>8</sup> 1,582	21,881	<sup>9</sup> 19,527	2,354	15,490	13,136
1949-----	20,612	133	<sup>10</sup> 845	21,590	21,217	373	15,689	15,316
1950-----	24,512	299	667	25,478	22,558	2,920	16,024	13,105
1951-----	23,952	169	<sup>11</sup> 5,898	18,223	22,085	3,863	15,636	19,498

<sup>1</sup> Adjusted for overcharges and undercollections.

<sup>2</sup> Italics denote deficit.

<sup>3</sup> After deduction of canal earnings repaid to appropriations.

<sup>4</sup> No interest charge against the Canal is actually made by the Treasury. In order to present the net results of operation of the Canal, interest on capital invested is computed at a rate considered reasonable for Government borrowings over an indefinite period. Computed interest prior to July 12, 1920, is included in capital investment account.

<sup>5</sup> Includes adjustment of \$15,000 in postal surplus.

<sup>6</sup> Includes adjustment of \$44,000 in postal surplus.

<sup>7</sup> Actual business profits of \$877,000 adjusted by \$669,000 for write-off of reimbursable capital expenditures, public works, Republic of Panama.

<sup>8</sup> Includes \$23,000 for prior fiscal years.

<sup>9</sup> Includes \$292,000 for judgments rendered by Court of Claims for overtime compensation in prior years.

<sup>10</sup> Adjusted by a net reduction of \$162,000 for prior fiscal years.

<sup>11</sup> Actual business profits of \$638,000 have been adjusted by a net decrease in the amount of \$6,536,000 representing surplus adjustments applicable to prior fiscal years.

Source: The Panama Canal, *Annual Report of the Governor*.



**No. 732.—COMMERCIAL TRAFFIC THROUGH THE PANAMA CANAL, 1914 TO 1953,  
AND BY NATIONALITY OF VESSEL, 1953**

[Comprises oceangoing tolls-paying vessels of 300 net tons and over (Panama Canal measurement) for vessels rated on net tonnage, or 500 tons displacement and over for vessels rated on displacement tonnage. Foreign naval vessels such as transports, supply ships, tankers, etc., with a measurement of 300 net tons (Panama Canal measurement) or more and vessels of war, dredges, etc., with a displacement of 500 tons or more are classified as oceangoing tolls-paying vessels]

YEAR ENDING JUNE 30	Num- ber of transits	Net ton- nage (1,000) <sup>1</sup>	Tolls (\$1,000)	Tons of cargo (1,000 long tons)	NATIONALITY OF VESSEL (year ending June 30, 1953)	Num- ber of transits	Net ton- nage (1,000) <sup>1</sup>	Tolls (\$1,000)	Tons of cargo (1,000 long tons)
<b>Total</b> .....	164, 978	754, 398	702, 202	805, 578	Argentine.....	3	11	10	14
<b>Cumulative to June</b>					Belgian.....	2	10	9	10
30, 1920 <sup>2</sup> .....	9, 850	30, 704	33, 492	38, 845	British.....	1, 365	8, 016	7, 067	7, 877
1921.....	2, 791	10, 550	11, 269	11, 596	Chilean.....	59	302	268	322
1922.....	2, 665	10, 556	11, 192	10, 883	Chinese.....	37	169	152	291
1923.....	3, 908	17, 206	17, 504	19, 566	Colombian.....	144	261	235	145
1924.....	5, 158	24, 181	24, 285	26, 993	Costa Rican.....	9	32	29	58
1925.....	4, 592	21, 134	21, 394	23, 957	Danish.....	206	906	808	885
1926.....	5, 087	22, 906	22, 920	26, 030	Ecuadoran.....	152	178	160	88
1927.....	5, 293	24, 245	24, 212	27, 734	Finnish.....	3	17	15	15
1928.....	6, 253	27, 229	26, 922	29, 616	French.....	141	723	642	567
1929.....	6, 289	27, 585	27, 111	30, 648	German.....	230	701	607	353
1930.....	6, 027	27, 716	27, 060	30, 018	Greek.....	92	488	433	829
1931.....	5, 370	25, 690	24, 625	25, 065	Guatemalan.....	2	4	3	2
1932.....	4, 362	21, 842	20, 695	19, 799	Honduran.....	400	1, 006	842	570
1933.....	4, 162	21, 094	19, 601	18, 161	Iranian.....	1	5	5	10
1934.....	5, 234	26, 410	24, 047	24, 704	Irish.....	28	48	42	21
1935.....	5, 180	25, 720	23, 307	25, 310	Italian.....	141	680	604	678
1936.....	5, 382	25, 923	23, 479	26, 506	Japanese.....	320	1, 820	1, 621	2, 113
1937.....	5, 387	25, 430	23, 102	28, 108	Korean (South).....	2	10	8	1
1938.....	5, 524	25, 950	23, 170	27, 386	Liberian.....	131	757	636	931
1939.....	5, 903	27, 170	23, 661	27, 867	Mexican.....	10	41	35	34
1940.....	5, 370	24, 144	21, 145	27, 299	Moroccan.....	4	30	24	26
1941.....	4, 727	20, 643	18, 158	24, 951	Netherland.....	112	591	522	495
1942.....	2, 688	11, 010	9, 752	13, 607	Nicaraguan.....	17	11	10	8
1943.....	1, 822	8, 234	7, 357	10, 600	Norwegian.....	877	4, 043	3, 478	3, 303
1944.....	1, 562	6, 073	5, 456	7, 003	Panamanian.....	443	2, 132	1, 796	2, 568
1945.....	1, 939	8, 381	7, 244	8, 604	Peruvian.....	22	60	52	50
1946.....	3, 747	17, 517	14, 774	14, 978	Philippine.....	25	141	127	145
1947.....	4, 260	20, 233	17, 597	21, 671	Spanish.....	35	134	114	154
1948.....	4, 678	22, 902	19, 957	24, 118	Swedish.....	182	906	796	735
1949.....	4, 793	23, 473	20, 541	25, 305	Swiss.....	6	33	29	45
1950.....	5, 448	28, 013	24, 430	28, 872	United States.....	2, 166	12, 269	10, 613	12, 685
1951.....	5, 593	27, 180	23, 906	30, 073	Venezuelan.....	43	143	125	66
1952.....	6, 524	30, 674	26, 923	33, 611					
1953.....	7, 410	36, 679	31, 918	36, 095					

<sup>1</sup> Net tonnages prior to 1939 are estimates, based on revised measurement rules, effective Mar. 1, 1938.

<sup>2</sup> Canal opened to traffic Aug. 15, 1914.

Source: Panama Canal Company, annual report.

**No. 733.—COMMERCIAL TRAFFIC THROUGH THE PANAMA CANAL—SUMMARY:  
1935 TO 1953**

[For years ending June 30]

ITEM	1935	1940	1945	1948	1949	1950	1951	1952	1953
Number of transits.....	5, 180	5, 370	1, 939	4, 678	4, 793	5, 448	5, 593	6, 524	7, 410
Measurement tonnage registered:									
Gross (1,000).....	33, 013	31, 086	11, 427	31, 035	31, 726	37, 201	36, 032	40, 879	48, 315
Net (1,000).....	19, 609	18, 643	6, 923	18, 563	18, 844	22, 267	21, 462	24, 243	28, 698
Panama Canal, net (1,000).....	25, 720	24, 144	8, 381	22, 902	23, 473	28, 013	27, 180	30, 674	36, 679
Tons of cargo, total (1,000 long tons).....	25, 310	27, 299	8, 604	24, 118	25, 305	28, 872	30, 073	33, 611	36, 095
Atlantic to Pacific.....	7, 530	9, 820	4, 235	8, 679	9, 899	9, 484	11, 132	15, 129	17, 329
Pacific to Atlantic.....	17, 780	17, 479	4, 369	15, 439	15, 406	19, 388	18, 941	18, 482	18, 766

Source: Panama Canal Company, annual report.

# No. 734.—FREIGHT AND PASSENGER TRAFFIC ON ST. MARYS FALLS CANAL (SAULT STE. MARIE): 1890 TO 1953

[Comprises American and Canadian canals and traffic to and from Canadian as well as American ports. Average distances, ton-miles, freight charges, etc., based on total haul from port of origin to port of destination in process of performance by vessels passing through canals]

YEAR	FREIGHT CARRIED (1,000 short tons)					Total ton- miles (mil- lions)	FREIGHT CHARGES	
	Total	East- bound	West- bound	By Ameri- can vessels	By Can- adian and other foreign vessels		Amount (\$1,000)	Average per ton per mile (mills)
1890.....	2,041	6,429	2,612	8,679	362	7,207	9,472	1.30
1895.....	15,063	12,030	3,033	14,497	566	12,503	14,239	1.14
1900.....	25,643	20,532	5,111	24,896	747	21,179	24,953	1.18
1905.....	44,271	36,779	7,492	42,061	2,210	36,893	31,421	.85
1910.....	62,363	47,134	15,229	58,569	3,794	52,406	38,711	.74
1915.....	71,290	56,369	14,921	66,877	4,413	59,317	41,984	.71
1920.....	79,282	63,464	15,818	74,866	4,416	64,702	85,742	1.33
1925.....	81,875	67,305	14,570	75,764	6,111	65,577	71,093	1.08
1930.....	72,898	57,067	15,831	67,560	5,338	59,058	61,159	1.04
1935.....	48,293	37,192	11,101	41,532	6,761	39,141	41,783	1.07
1940.....	89,360	76,635	12,725	79,116	10,244	71,807	74,118	1.03
1941.....	110,768	95,774	14,994	97,387	13,381	88,946	102,792	1.15
1942.....	120,119	104,139	15,980	105,255	14,864	95,903	111,470	1.16
1943.....	115,578	97,380	18,198	102,404	13,174	92,069	110,377	1.20
1944.....	116,985	98,480	18,505	103,579	13,406	93,424	122,786	1.31
1945.....	112,983	96,729	16,254	98,858	14,125	90,390	(1)	(1)
1946.....	91,587	72,614	18,973	89,648	1,939	(1)	(1)	(1)
1947.....	110,732	91,784	18,948	96,971	13,761	(1)	(1)	(1)
1948.....	115,414	95,346	20,068	100,536	14,878	(1)	(1)	(1)
1949.....	95,832	83,670	12,162	82,020	13,812	(1)	(1)	(1)
1950.....	106,140	89,191	16,949	91,038	15,102	(1)	(1)	(1)
1951.....	119,864	105,559	14,305	100,963	18,901	(1)	(1)	(1)
1952.....	106,276	93,143	13,133	86,163	20,113	(1)	(1)	(1)
1953.....	128,510	116,720	11,790	107,301	21,209	(1)	(1)	(1)

COMMODITY	1920	1925	1930	1935	1940	1945	1950	1953
Passengers carried.....number.....	68,451	56,956	45,303	32,937	53,129	46,044	63,366	55,055
<b>Freight, east-bound.....1,000 tons<sup>2</sup>.....</b>	<b>63,464</b>	<b>67,305</b>	<b>57,067</b>	<b>37,192</b>	<b>76,635</b>	<b>96,729</b>	<b>89,191</b>	<b>116,720</b>
Flour.....do.....	748	929	853	684	480	108	63	99
Wheat.....do.....	4,304	8,785	7,318	5,388	6,660	14,436	5,714	8,065
Other grain.....do.....	1,236	3,163	1,204	876	1,087	3,031	2,462	5,198
Lumber.....do.....	358	367	303	72	47	2	1	1
Pulpwood.....do.....				239	692	619	444	492
Iron ore.....do.....	56,643	53,821	46,990	29,277	65,842	77,719	79,962	98,347
All other.....do.....	175	240	399	656	1,827	814	546	4,519
<b>Freight, west-bound.....1,000 tons<sup>2</sup>.....</b>	<b>15,818</b>	<b>14,570</b>	<b>15,831</b>	<b>11,101</b>	<b>12,725</b>	<b>16,254</b>	<b>16,949</b>	<b>11,790</b>
Coal.....do.....	14,156	12,874	14,059	9,162	10,174	13,837	13,464	8,781
All other.....do.....	1,662	1,696	1,772	1,939	2,551	2,417	3,485	3,009

<sup>1</sup> Not available.      <sup>2</sup> Short tons.

# No. 735.—FREIGHT AND PASSENGER TRAFFIC ON OHIO RIVER: 1943 TO 1953

YEAR	Short tons	Ton-miles	Passengers carried <sup>1</sup>	YEAR	Short tons
1943.....	1,000 36,610	1,000 5,996,347	Number 1,191,350	1952—Total.....	1,000 55,957
1944.....	37,801	7,004,056	1,148,294	Up <sup>4</sup> .....	13,716
1945.....	33,868	6,064,099	1,145,626	Down <sup>4</sup> .....	12,835
1946.....	35,851	4,999,560	1,053,511	Inbound.....	20,429
1947.....	41,397	5,746,076	1,534,856	Outbound.....	8,977
1948.....	42,792	6,585,854	<sup>2</sup> 61,130		
1949.....	41,300	6,904,147	78,267		
1950.....	48,598	8,800,451	95,631	1953—Total <sup>2</sup> .....	62,034
1951.....	56,541	9,760,268	110,285	Up <sup>4</sup> .....	14,230
1952.....	55,957	10,362,201	115,448	Down <sup>4</sup> .....	14,149
1953 <sup>3</sup> .....	62,034	11,757,310	134,391	Inbound.....	24,008
				Outbound.....	9,647

<sup>1</sup> Excludes ferry traffic.

<sup>3</sup> Preliminary.

<sup>2</sup> Largest excursion boat destroyed by fire in September 1947.

<sup>4</sup> Includes through traffic.

Source of tables 734 and 735: Department of the Army, Corps of Engineers; *Annual Report of Chief of Engineers*, Part 2, and records.



# No. 736.—FREIGHT TRAFFIC ON NEW YORK STATE CANALS—TONNAGE MOVED: 1837 TO 1954

[In short tons. Excludes tonnage handled over State terminals but not moved through any portion of canal channel. East-bound tonnage is that moving toward Albany; west-bound is that moving away from Albany. See also *Historical Statistics*, series K 170-171]

YEARLY AVERAGE	All canals	Erie division	YEARLY AVERAGE	All canals	Erie division	YEARLY AVERAGE OR YEAR	All canals	Erie division
1837-1840	1,339,016	771,741	1886-1890	5,281,441	3,589,631	1936-1940	4,838,271	3,794,843
1841-1845	1,613,236	884,522	1891-1895	4,112,061	2,962,528	1941-1945	3,268,368	2,366,943
1846-1850	2,781,210	1,556,696	1896-1900	3,544,951	2,446,065	1946-1950	3,937,952	2,725,510
1851-1855	3,976,501	2,141,476	1901-1905	3,335,210	2,144,492	1948	4,513,817	3,121,411
1856-1860	3,911,447	1,889,759	1906-1910	3,238,129	2,206,595	1949	3,949,739	2,685,635
1861-1865	5,049,341	2,743,929	1911-1915	2,448,837	1,626,451	1950	4,615,613	3,620,346
1866-1870	5,987,724	3,018,359	1916-1920	1,348,365	798,706	1951	5,211,472	3,673,104
1871-1875	6,034,117	3,326,073	1921-1925	1,905,291	1,548,408	1952	4,487,858	3,112,480
1876-1880	5,223,888	3,542,020	1926-1930	2,904,575	2,397,042	1953	4,497,231	3,211,932
1881-1885	5,210,389	3,495,590	1931-1935	4,014,269	3,516,522	1954	3,859,335	2,395,291

COMMODITY	1935	1940	1945	1950	1953	1954
Freight, east-bound	1,488,315	1,924,834	1,812,554	709,951	903,272	951,846
Petroleum and its products	33,170	313,654	764,717	179,491	191,346	240,179
Grain	614,855	656,472	604,105	228,051	319,005	362,251
Pulpwood	8,450	33,450	104,705	79,520	94,260	65,752
Other	831,840	921,258	339,027	222,889	298,661	283,664
Freight, west-bound	3,000,857	2,843,326	1,156,128	3,905,662	3,593,959	2,907,489
Petroleum and its products	1,772,627	1,788,346	818,945	3,472,462	3,246,841	2,488,230
Other	1,228,230	1,054,980	337,183	433,200	347,118	419,259

Source: State of New York, Department of Public Works; annual statements on canal tonnages.

# No. 737.—VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE: 1840 TO 1954

[In thousands of net tons. Excludes domestic trade. Figures cover years ending June 30 through 1918, calendar years thereafter. Seaports comprise all ports except northern border ports; see table 738. See also *Historical Statistics*, series K 146-157]

YEARLY AVERAGE OR YEAR	ENTERED		CLEARED		YEARLY AVERAGE OR YEAR	ENTERED		CLEARED	
	Sea-ports	Other ports	Sea-ports	Other ports		Sea-ports	Other ports	Sea-ports	Other ports
1840 <sup>1</sup>	1,788	501	1,861	492	1941-1945	52,620	15,374	56,304	15,489
1850	3,169	1,179	3,167	1,194	1946-1950	75,094	12,369	74,889	12,301
1860	5,000	3,275	5,257	3,533	1940	45,393	13,151	48,996	13,176
1870	6,270	2,886	6,362	2,807	1941	42,616	16,445	46,142	16,454
1871-1875	8,462	2,997	8,514	2,994	1942	28,258	15,684	31,976	15,730
1876-1880	12,134	2,792	12,197	2,807	1943	44,739	16,345	50,232	16,484
1881-1885	13,604	2,931	13,781	2,917	1944	66,305	15,555	71,717	15,668
1886-1890	13,479	2,602	13,655	2,593	1945	81,182	12,839	81,452	13,107
1891-1895	16,801	2,816	16,965	2,876	1946	69,520	10,738	66,376	10,849
1896-1900	20,931	3,989	21,077	4,007	1947	80,889	12,907	84,508	12,652
1901-1905	24,551	5,939	24,633	5,918	1948	76,910	14,023	75,714	13,735
1906-1910	29,651	8,072	29,156	8,036	1949	74,701	10,999	73,063	11,223
1911-1915	36,035	11,879	35,954	12,061	1950	73,451	13,178	74,785	13,044
1915-1920 <sup>2</sup>	38,071	13,440	40,137	13,511	1951	93,674	14,412	96,256	13,979
1921-1925	52,959	13,334	53,578	13,075	1952	101,263	15,112	99,704	15,095
1926-1930	63,768	15,293	64,441	15,319	1953	97,344	15,215	97,627	15,308
1931-1935	54,928	10,462	55,214	10,351	1954	97,198	12,327	97,674	12,225
1936-1940	55,521	11,595	56,967	11,575					

<sup>1</sup> Year ending Sept. 30.

<sup>2</sup> Average for period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

**No. 738.—VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE BY CUSTOMS DISTRICTS, 1951 TO 1954, AND BY REGIONS, 1921 TO 1954**  
 [In thousands of net tons. See headnote, table 737]

CUSTOMS DISTRICT	1951		1952		1953		1954	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
<b>Grand total</b> .....	108,086	110,236	116,375	114,797	112,559	112,935	109,524	109,899
<b>Seaports, total</b> .....	93,674	96,256	101,263	99,704	97,344	97,627	97,198	97,674
<b>North Atlantic coast, total</b> .....	58,505	59,647	60,911	59,444	56,414	55,574	57,986	57,826
Maine, New Hampshire.....	3,124	2,739	3,497	2,961	3,617	3,240	3,774	3,419
Massachusetts.....	3,840	2,771	3,787	2,580	3,978	2,535	4,050	2,919
Rhode Island.....	343	394	367	347	356	502	424	493
Connecticut.....	434	348	511	392	562	505	466	526
New York.....	24,472	26,607	28,168	28,737	27,849	29,339	26,596	28,562
Philadelphia.....	9,722	7,932	9,489	8,123	10,105	8,002	12,350	10,025
Maryland.....	6,877	5,464	6,990	5,457	6,453	5,092	6,111	4,926
Virginia.....	9,693	13,392	8,102	10,547	3,495	6,359	4,214	6,956
<b>South Atlantic coast, total</b> .....	3,461	3,894	3,922	4,337	3,857	4,605	3,966	4,567
North Carolina.....	129	158	256	116	164	128	335	212
South Carolina.....	1,046	1,007	1,192	1,044	1,228	1,001	1,229	777
Georgia.....	687	647	862	847	824	951	801	1,154
Puerto Rico.....	1,244	1,697	1,244	1,826	1,328	2,015	1,292	1,859
Virgin Islands <sup>1</sup> .....	354	384	368	504	313	510	310	565
<b>Gulf coast, total</b> .....	15,733	16,268	18,328	18,001	17,660	17,343	18,416	17,681
Florida.....	3,208	2,893	3,258	3,020	3,503	2,985	3,790	3,746
Mobile.....	1,949	1,053	2,542	1,251	2,717	1,627	3,200	2,103
New Orleans.....	4,938	5,663	5,633	5,952	5,563	6,136	5,375	6,561
Sabine.....	951	1,055	1,234	1,220	1,410	1,439	1,300	1,082
Galveston.....	4,686	5,604	5,661	6,558	4,467	5,156	4,750	4,190
<b>Mexican border, Laredo</b> .....	430	419	313	391	335	451	367	466
<b>Pacific coast, total</b> .....	15,545	16,027	17,789	17,531	19,079	19,654	16,462	17,134
Washington.....	3,275	3,317	3,939	3,584	4,121	4,068	4,208	3,770
Oregon.....	1,994	1,765	2,204	1,684	2,125	1,318	1,635	1,108
San Francisco.....	3,627	3,923	4,889	4,822	5,191	5,131	3,895	4,046
Los Angeles.....	5,269	5,711	5,093	5,858	6,068	7,714	5,009	6,664
Alaska.....	304	306	320	317	378	353	398	540
Hawaii.....	911	938	1,126	1,171	971	908	1,051	902
San Diego.....	165	67	218	95	225	162	266	104
<b>Northern border, total</b> .....	14,412	13,979	15,112	15,095	15,215	15,308	12,327	12,225
St. Lawrence.....	156	44	128	43	98	55	103	75
Rochester.....	1,828	1,622	1,305	1,284	1,173	1,116	1,105	998
Buffalo.....	1,134	580	1,335	710	1,146	695	913	599
Ohio.....	5,487	6,664	5,792	6,682	5,632	6,886	5,466	6,021
Michigan.....	1,858	1,719	2,167	1,879	597	1,719	1,957	1,692
Chicago.....	524	736	604	896	2,084	789	482	765
Wisconsin.....	304	286	338	359	421	431	399	374
Duluth and Superior.....	3,119	2,327	3,443	3,242	4,064	3,617	1,872	1,701

YEARLY AVERAGE OR YEAR	ATLANTIC COAST		GULF COAST		PACIFIC COAST		Mexican border, total	NORTHERN BORDER	
	Total	With cargo	Total	With cargo	Total	With cargo		Total	With cargo
<b>Entrances:</b>									
1921-1925.....	30,979	27,133	12,390	8,243	9,562	6,070	28	13,334	6,475
1926-1930.....	36,884	33,003	11,634	7,415	15,100	8,247	150	15,293	7,700
1931-1935.....	31,721	28,668	8,058	4,858	14,968	9,239	180	10,462	4,997
1936-1940.....	30,634	26,925	10,115	5,593	14,108	9,368	663	11,595	5,187
1941-1945.....	34,914	18,397	6,454	4,463	11,211	6,153	40	15,374	5,060
1946-1950.....	48,414	35,490	15,396	7,954	10,928	6,546	353	12,369	2,756
1949.....	47,646	39,408	15,719	9,193	10,993	7,495	343	10,999	2,957
1950.....	47,961	45,624	13,385	9,543	11,737	8,265	368	13,178	3,021
1951.....	61,966	47,997	15,733	9,730	15,545	8,848	430	14,412	3,412
1952.....	64,833	52,080	18,328	10,543	17,789	11,133	313	15,112	3,997
1953.....	60,271	54,855	17,660	11,039	19,079	13,243	335	15,215	3,923
1954.....	61,952	56,568	18,416	13,096	16,462	12,292	367	12,327	3,528
<b>Clearances:</b>									
1921-1925.....	30,837	24,284	12,833	9,589	9,880	8,360	28	13,075	9,236
1926-1930.....	36,361	28,696	12,326	10,641	15,658	13,148	95	15,319	10,504
1931-1935.....	30,658	23,563	9,018	8,079	15,411	13,220	127	10,351	7,309
1936-1940.....	30,472	22,459	11,064	9,601	14,752	13,394	677	11,575	9,412
1941-1945.....	35,545	27,351	7,636	6,494	13,082	11,288	40	15,489	12,657
1946-1950.....	47,766	31,273	15,757	13,446	11,032	9,702	332	12,301	10,819
1949.....	46,906	30,230	14,860	12,536	10,957	9,846	340	11,223	9,382
1950.....	47,930	25,986	14,206	11,310	12,229	11,221	420	13,044	11,540
1951.....	63,541	41,769	16,268	13,898	16,027	14,829	419	13,979	12,384
1952.....	63,781	40,013	18,001	15,176	17,531	15,688	391	15,095	12,578
1953.....	60,179	33,431	17,343	14,021	19,654	17,139	451	15,308	12,957
1954.....	62,393	32,768	17,681	13,348	17,134	15,097	466	12,225	10,261

<sup>1</sup> Reported as a foreign country prior to Jan. 1, 1935.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.



**No. 739.—VESSELS ENTERED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY CLASSES: 1881 TO 1954**

[In thousands of net tons, except number of vessels and percentages. See headnote, table 737. See also *Historical Statistics*, series K 146-151]

YEARLY AVERAGE OR YEAR	Number of vessels, all ports	ALL PORTS				SEAPORTS				
		Ton- nage, all vessels	Ameri- can vessels	For- eign vessels	Per- cent Ameri- can	Ton- nage, all vessels	Sailing vessels	Steam vessels	With cargo	In ballast
1881-1890	32, 038	16, 308	3, 395	12, 913	20. 8	13, 542	5, 251	8, 291	11, 560	1, 982
1891-1900	31, 781	22, 269	4, 978	17, 291	22. 4	18, 866	3, 816	15, 050	14, 184	4, 682
1901-1905	34, 040	30, 490	6, 802	23, 688	22. 3	24, 551	2, 606	21, 945	19, 205	5, 346
1906-1910	34, 375	37, 722	8, 372	29, 350	22. 2	29, 651	1, 816	27, 834	23, 621	6, 029
1911-1915	38, 951	47, 914	12, 205	35, 709	25. 5	36, 035	1, 574	34, 461	27, 778	8, 257
1915-1920 <sup>1</sup>	42, 713	51, 511	21, 999	29, 512	42. 7	38, 071	1, 899	36, 173	25, 128	12, 943
1921-1925	41, 546	66, 293	29, 645	36, 648	44. 7	52, 959	1, 004	51, 955	41, 471	11, 488
1926-1930	45, 846	79, 062	30, 314	48, 748	38. 3	63, 768	472	63, 296	48, 710	15, 058
1931-1935	31, 338	65, 390	23, 847	41, 543	36. 5	54, 928	227	54, 701	42, 835	12, 093
1936-1940	33, 954	67, 117	19, 243	47, 873	28. 7	55, 521	102	55, 419	41, 951	13, 570
1941-1945	38, 997	67, 994	34, 658	33, 336	51. 0	52, 620	37	52, 583	28, 995	23, 625
1946-1950	48, 813	87, 462	46, 205	41, 257	52. 8	75, 094	( <sup>2</sup> )	( <sup>2</sup> )	50, 288	24, 806
1942	31, 358	43, 942	13, 611	30, 331	31. 0	28, 257	32	28, 225	18, 077	10, 181
1943	36, 640	61, 084	29, 292	31, 792	48. 0	44, 739	37	44, 702	23, 792	20, 947
1944	40, 834	81, 860	48, 071	33, 789	58. 7	66, 305	30	66, 275	32, 297	34, 008
1945	48, 318	94, 021	61, 375	32, 646	65. 3	81, 182	44	81, 138	37, 992	43, 190
1946	48, 082	80, 258	53, 045	27, 213	66. 1	69, 520	24	69, 496	36, 348	33, 172
1947	50, 449	93, 796	53, 627	40, 170	57. 2	80, 889	12	80, 877	43, 872	37, 016
1948	50, 238	90, 927	47, 726	43, 199	52. 5	76, 910	( <sup>2</sup> )	( <sup>2</sup> )	51, 044	25, 866
1949	48, 368	85, 700	41, 251	44, 451	48. 1	74, 701	( <sup>2</sup> )	( <sup>2</sup> )	56, 403	18, 299
1950	46, 926	86, 629	35, 376	51, 251	40. 8	73, 451	( <sup>2</sup> )	( <sup>2</sup> )	63, 771	9, 679
1951	48, 466	108, 086	44, 571	63, 515	41. 2	93, 674	( <sup>2</sup> )	( <sup>2</sup> )	66, 868	26, 806
1952	50, 076	116, 375	45, 223	71, 152	38. 9	101, 263	( <sup>2</sup> )	( <sup>2</sup> )	73, 973	27, 290
1953	47, 802	112, 559	39, 319	73, 240	34. 9	97, 344	( <sup>2</sup> )	( <sup>2</sup> )	79, 410	17, 934
1954	45, 651	109, 524	33, 860	75, 664	30. 9	97, 198	( <sup>2</sup> )	( <sup>2</sup> )	82, 234	14, 964

YEARLY AVERAGE OR YEAR	SEAPORTS—continued					NORTHERN BORDER PORTS			
	American vessels		Foreign vessels		Percent American	Tonnage, all vessels	American vessels	Foreign vessels	With cargo
	Total tonnage	With cargo	Total tonnage	With cargo					
1881-1890.....	2, 933	2, 559	10, 609	9, 001	21. 7	2, 766	462	2, 304	1, 976
1891-1900.....	3, 619	2, 956	15, 247	11, 228	19. 2	3, 403	1, 359	2, 044	1, 589
1901-1905.....	3, 962	3, 246	20, 589	15, 960	16. 1	5, 939	2, 840	3, 099	2, 602
1906-1910.....	4, 175	3, 471	25, 475	20, 150	14. 1	8, 072	4, 197	3, 875	3, 207
1911-1915.....	5, 276	4, 200	30, 759	23, 578	14. 6	11, 879	6, 929	4, 950	4, 564
1915-1920 <sup>1</sup> .....	14, 508	11, 375	23, 563	13, 753	38. 1	13, 440	7, 490	5, 950	5, 646
1921-1925.....	22, 526	18, 404	30, 433	23, 068	42. 5	13, 334	7, 119	6, 215	6, 475
1926-1930.....	23, 182	18, 809	40, 586	29, 901	36. 4	15, 293	7, 132	8, 162	7, 700
1931-1935.....	19, 854	16, 870	35, 074	25, 965	36. 1	10, 462	3, 993	6, 469	4, 997
1936-1940.....	16, 090	13, 865	39, 432	28, 086	29. 0	11, 595	3, 154	8, 441	5, 187
1941-1945.....	30, 059	16, 877	22, 560	12, 118	57. 1	15, 374	4, 599	10, 775	5, 060
1946-1950.....	42, 168	26, 318	32, 926	23, 970	56. 2	12, 369	4, 037	8, 332	2, 756
1942.....	10, 326	8, 004	17, 931	10, 073	36. 5	15, 684	3, 285	12, 400	5, 105
1943.....	24, 508	14, 135	20, 231	9, 657	54. 8	16, 345	4, 784	11, 561	5, 834
1944.....	42, 196	20, 509	24, 109	11, 788	63. 6	15, 555	5, 875	9, 680	5, 049
1945.....	56, 499	26, 080	24, 682	11, 912	69. 6	12, 839	4, 876	7, 963	3, 781
1946.....	49, 143	23, 437	20, 378	12, 911	70. 7	10, 738	3, 902	6, 835	2, 324
1947.....	49, 044	26, 029	31, 844	17, 843	60. 6	12, 908	4, 582	8, 326	2, 579
1948.....	43, 270	28, 107	33, 640	22, 937	56. 3	14, 023	4, 457	9, 568	2, 900
1949.....	37, 626	27, 479	37, 076	28, 924	50. 4	10, 999	3, 625	7, 375	2, 957
1950.....	31, 757	26, 536	41, 693	37, 235	43. 2	13, 178	3, 619	9, 558	3, 021
1951.....	40, 482	28, 005	53, 192	38, 863	43. 2	14, 412	4, 089	10, 323	3, 412
1952.....	40, 732	28, 496	60, 532	45, 477	40. 2	15, 112	4, 491	10, 621	3, 997
1953.....	34, 969	26, 794	62, 375	52, 616	35. 9	15, 215	4, 350	10, 865	3, 923
1954.....	30, 133	25, 167	67, 065	57, 067	31. 0	12, 327	3, 727	8, 600	3, 528

<sup>1</sup> Average for period July 1, 1915, to Dec. 31, 1920.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

# No. 740.—VESSELS CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY CLASSES: 1881 TO 1954

[In thousands of net tons, except number of vessels and percentages. See headnote, table 737. See also *Historical Statistics*, series K 152-157]

YEARLY AVERAGE OR YEAR	Number of vessels, all ports	ALL PORTS				SEAPORTS				
		Ton- nage, all vessels	Ameri- can vessels	For- eign vessels	Per- cent Ameri- can	Ton- nage, all vessels	Sailing vessels	Steam vessels	With cargo	In ballast
1881-1890.....	32,159	16,473	3,450	13,023	20.9	13,719	5,363	8,356	12,795	924
1891-1900.....	31,902	22,463	5,038	17,425	22.4	19,021	3,818	15,203	17,514	1,507
1901-1905.....	33,863	30,551	6,812	23,739	22.3	24,633	2,621	22,012	22,460	2,173
1906-1910.....	33,897	37,192	8,282	28,910	22.3	29,156	1,850	27,306	26,768	2,388
1911-1915.....	38,790	48,015	12,512	35,503	26.1	35,954	1,654	34,301	32,827	3,128
1915-1920 <sup>1</sup> .....	42,687	53,647	23,005	30,643	42.9	40,137	2,057	38,080	34,851	5,285
1921-1925.....	40,120	66,653	29,554	37,099	44.3	53,578	984	52,594	42,233	11,345
1926-1930.....	44,082	79,760	30,709	49,051	38.5	64,441	467	63,973	52,581	11,860
1931-1935.....	30,520	65,565	23,616	41,949	36.0	55,214	221	54,993	44,990	10,224
1936-1940.....	32,706	68,541	19,448	49,093	28.4	56,967	102	56,864	46,126	10,841
1941-1945.....	38,195	71,792	37,283	34,509	51.9	56,304	41	56,262	45,147	11,157
1946-1950.....	45,135	87,190	44,942	42,244	51.5	74,889	(2)	(2)	54,584	20,302
1942.....	30,506	47,705	16,354	31,352	34.3	31,975	32	31,943	26,464	5,511
1943.....	35,915	66,716	33,682	33,034	50.5	50,232	37	50,195	42,470	7,762
1944.....	40,321	87,885	53,050	34,335	60.7	71,717	52	71,665	60,095	11,622
1945.....	46,210	94,559	61,460	33,099	65.0	81,452	42	81,410	63,992	17,461
1946.....	44,464	77,225	49,124	28,101	63.6	66,376	33	66,343	47,828	18,547
1947.....	48,374	97,160	54,088	43,072	55.7	84,508	14	84,494	67,483	17,024
1948.....	46,067	89,449	45,775	43,667	51.2	75,714	(2)	(2)	56,154	19,552
1949.....	43,503	84,286	39,681	44,604	47.1	73,063	(2)	(2)	52,759	20,304
1950.....	43,268	87,829	36,043	51,778	41.0	74,785	(2)	(2)	48,695	26,084
1951.....	45,753	110,236	46,763	63,472	42.4	96,257	(2)	(2)	70,756	25,500
1952.....	46,501	114,797	43,726	71,071	38.1	99,703	(2)	(2)	71,111	28,591
1953.....	44,757	112,935	39,188	73,747	34.7	97,627	(2)	(2)	64,889	32,738
1954.....	42,966	109,899	33,579	76,321	30.6	97,674	(2)	(2)	61,561	36,113

YEARLY AVERAGE OR YEAR	SEAPORTS—continued				Per- cent Ameri- can	NORTHERN BORDER PORTS			
	American vessels		Foreign vessels			Ton- nage, all vessels	Ameri- can vessels	For- eign vessels	With cargo
	Total tonnage	With cargo	Total tonnage	With cargo					
1881-1890.....	2,978	2,541	10,741	10,254	21.7	2,754	472	2,282	1,778
1891-1900.....	3,644	2,914	15,377	14,600	19.2	3,442	1,394	2,048	2,129
1901-1905.....	4,000	3,284	20,633	19,176	16.2	5,918	2,812	3,106	3,825
1906-1910.....	4,084	3,498	25,072	23,270	14.0	8,036	4,198	3,838	5,673
1911-1915.....	5,361	4,522	30,594	28,305	14.9	12,061	7,151	4,909	8,567
1915-1920 <sup>1</sup> .....	15,455	11,505	24,681	23,346	38.5	13,511	7,550	5,962	9,637
1921-1925.....	22,556	14,974	31,022	27,259	42.1	13,075	6,998	6,077	9,236
1926-1930.....	23,338	17,071	41,102	35,510	36.2	15,319	7,371	7,948	10,504
1931-1935.....	19,653	15,729	35,561	29,261	35.6	10,351	3,962	6,388	7,309
1936-1940.....	16,302	13,116	40,665	33,009	28.6	11,575	3,146	8,429	9,412
1941-1945.....	32,585	26,377	23,718	18,770	57.9	15,489	4,698	10,789	12,657
1946-1950.....	40,933	29,510	33,953	25,073	54.7	12,301	4,010	8,291	10,819
1942.....	13,149	10,827	18,826	15,637	41.1	15,730	3,205	12,525	13,782
1943.....	28,826	24,140	21,406	18,350	57.0	16,484	4,856	11,628	13,638
1944.....	46,919	39,960	24,798	20,134	65.4	15,668	6,131	9,538	12,016
1945.....	56,332	44,705	25,120	19,286	69.2	13,107	5,129	7,979	10,027
1946.....	45,113	31,963	21,263	15,865	68.0	10,849	4,012	6,837	9,548
1947.....	49,558	38,783	34,949	28,700	58.6	12,652	4,530	8,122	11,284
1948.....	41,348	29,840	34,358	26,314	54.6	13,735	4,428	9,309	12,339
1949.....	36,136	25,446	36,927	27,313	49.5	11,223	3,545	7,677	9,382
1950.....	32,510	21,520	42,269	27,175	43.5	13,044	3,533	9,509	11,540
1951.....	43,024	32,356	53,233	38,400	44.7	13,979	3,739	10,240	12,384
1952.....	39,273	29,451	60,429	41,660	39.4	15,095	4,453	10,641	12,578
1953.....	34,775	24,786	62,852	40,103	35.6	15,308	4,413	10,895	12,957
1954.....	29,969	19,679	67,706	41,883	30.7	12,225	3,610	8,615	10,261

<sup>1</sup> Average for period July 1, 1915, to Dec. 31, 1920.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.



Dead-weight tonnage in thousands. Covers seagoing vessels of 1,000 gross tons and over engaged in foreign and domestic trade, and inactive vessels. Excludes special types and vessels employed on Great Lakes

## MERCHANT VESSELS

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DATE AND TYPE OF VESSEL	ALL VESSELS		ACTIVE VESSELS										TEMPORARILY INACTIVE		RESERVE FLEET		SPECIAL SERVICE	
	Num- ber	Dead- weight tons	Total		Foreign trade		Domestic trade						Num- ber	Dead- weight tons	Num- ber	Dead- weight tons	Num- ber	Dead- weight tons
			Num- ber	Dead- weight tons	Num- ber	Dead- weight tons	Coastwise		Intercoastal		Noncontiguous							
							Num- ber	Dead- weight tons	Num- ber	Dead- weight tons	Num- ber	Dead- weight tons						
1948, June 30----- Combination----- Cargo----- Tankers-----	3,490 77 2,887 526	36,774 601 28,674 7,499	1,723 48 1,221 454	19,552 385 12,424 6,743	1,246 41 1,023 182	13,767 357 10,592 2,818	477 7 198 272	5,785 28 1,832 3,925	327 --- 68 259	4,329 --- 569 3,760	66 --- 62 4	721 --- 667 54	84 7 68 9	735 28 596 111	175 8 118 49	1,781 67 1,078 636	15,441 149 15,172 120	1,592 21 1,548 23
1949, June 30----- Combination----- Cargo----- Tankers-----	3,379 79 2,799 501	36,228 609 28,442 7,177	1,386 47 969 370	16,044 388 10,063 5,593	1,004 43 813 148	11,416 375 8,626 2,415	382 4 156 222	4,628 13 1,437 3,178	262 --- 53 209	3,437 --- 416 3,021	62 --- 59 3	700 --- 657 43	58 4 44 10	491 13 364 114	178 9 63 106	2,077 63 1,767 1,417	18,107 158 17,782 167	1,815 23 1,767 25
1950, June 30----- Combination----- Cargo----- Tankers-----	3,408 83 2,846 479	36,526 639 28,927 6,959	1,145 51 682 412	13,828 417 7,075 6,335	711 45 505 161	8,353 389 5,367 2,597	434 6 177 251	5,474 28 1,708 3,737	279 --- 66 213	3,716 --- 559 3,157	87 --- 58 29	1,131 --- 649 482	68 6 53 9	626 28 500 98	86 4 42 40	845 27 384 434	21,853 195 21,468 190	2,177 28 2,122 27
1951, June 30----- Combination <sup>1</sup> ----- Cargo----- Tankers-----	3,386 266 2,650 470	36,336 2,067 27,376 6,893	1,414 51 919 444	16,761 428 9,614 6,718	988 46 743 199	11,425 404 7,892 3,129	426 5 176 245	5,333 24 1,721 3,587	287 --- 55 232	3,924 --- 484 3,440	58 --- 55 3	667 --- 625 41	81 5 66 10	741 24 611 105	69 7 52 13	658 46 510 102	16,395 1,484 14,851 60	1,663 196 1,454 13
1952, June 30----- Combination <sup>1</sup> ----- Cargo----- Tankers-----	3,350 260 2,629 461	36,081 2,044 27,210 6,827	1,177 45 717 415	14,242 397 9,614 6,365	782 44 582 156	9,052 333 6,177 2,481	395 1 135 259	5,190 4 1,302 3,884	291 --- 58 233	4,033 --- 517 3,516	56 --- 41 15	690 --- 449 241	48 1 36 11	468 4 337 127	147 10 106 31	1,544 52 1,100 392	17,562 1,439 16,064 59	1,756 188 1,556 12
1953, June 30----- Combination <sup>1</sup> ----- Cargo----- Tankers-----	3,349 257 2,630 462	36,255 2,039 27,228 6,988	1,066 45 628 393	13,115 401 6,528 6,186	629 40 461 128	7,390 378 4,890 2,122	437 5 167 265	5,725 23 1,638 4,064	303 --- 59 244	4,275 --- 517 3,758	59 --- 46 13	716 --- 507 209	75 5 62 8	734 5 614 97	98 5 39 54	1,122 22 369 731	18,395 1,538 16,799 59	1,836 197 1,627 12
1954, June 30----- Combination <sup>1</sup> ----- Cargo----- Tankers-----	3,333 252 2,635 445	35,860 1,695 27,235 6,930	1,021 44 643 334	12,623 384 6,807 5,432	623 39 489 95	7,299 361 5,226 1,713	398 5 154 239	5,324 23 1,581 3,719	265 --- 44 222	3,854 --- 396 3,854	66 --- 58 8	767 --- 647 120	67 5 52 10	703 3 538 141	236 1 141 94	2,843 197 1,467 1,373	19,373 10 18,092 54	1,974 3 1,765 12

<sup>1</sup> Includes ships originally constructed as cargo ships but converted to transports, hospital ships, etc., previously included in the cargo classification as follows: 1951, 183 ships of 1,426,000 dead-weight tons; 1952, 181 ships of 1,415,000 dead-weight tons; 1953, 182 ships of 1,426,350 dead-weight tons; 1954, 181 ships of 1,124,000 dead-weight tons.

Source: Department of Commerce, Maritime Administration; records.

## No. 742.—MERCHANT VESSELS COMPLETED BY U. S. SHIPYARDS: 1914 TO 1954

[Represents self-propelled steel vessels of 2,000 gross tons and over]

YEAR	ALL MERCHANT VESSELS		PASSENGER-CARGO/TRANSPORT			CARGO			TANKER		
	Number	Gross tons	Number	Gross tons	Dead-weight tons	Number	Gross tons	Dead-weight tons	Number	Gross tons	Dead-weight tons
1914-----	26	135,164	1	2,662	800	17	87,585	130,278	8	44,917	67,222
1915-----	24	128,337	3	19,987	12,600	17	88,262	131,388	4	20,088	29,862
1916-----	74	369,955	1	6,063	7,480	49	200,824	299,623	24	163,068	246,953
1917-----	125	642,120	1	10,206	9,940	92	413,602	627,002	32	218,312	314,225
1918-----	414	1,769,629	5	29,736	24,297	375	1,508,003	2,282,585	34	231,890	339,368
1919-----	723	3,369,884	2	10,285	10,650	679	3,086,207	4,680,321	42	273,392	394,713
1920-----	467	2,395,545	12	99,911	111,000	375	1,758,086	2,695,753	80	537,548	778,027
1925-----	12	83,916	3	18,850	11,470	9	65,066	92,200			
1930-----	18	163,500	5	50,311	39,269	2	15,824	24,000	11	97,365	161,219
1935-----	2	19,022							2	19,022	29,760
1936-----	8	63,428							8	63,428	104,860
1937-----	15	121,852							15	121,852	191,929
1938-----	24	181,366				6	39,196	56,100	18	142,170	227,982
1939-----	28	241,052	3	30,063	20,436	14	91,560	128,484	11	119,429	193,112
1940-----	53	444,727	6	68,943	61,222	31	227,275	334,660	16	148,509	238,352
1941-----	95	749,108	6	58,107	56,515	61	423,022	597,943	28	267,979	434,039
1942-----	724	5,392,848	11	101,847	81,290	652	4,678,880	6,842,689	61	612,121	982,381
1943-----	1,661	12,485,629	20	219,760	180,047	1,410	10,103,245	14,921,082	231	2,162,624	3,420,405
1944-----	1,463	11,403,163	48	461,291	330,311	1,175	8,455,475	11,857,797	240	2,486,397	3,954,987
1945-----	1,041	7,614,898	46	509,163	311,046	807	5,336,152	7,206,201	188	1,769,533	2,787,397
1946-----	83	645,706	9	76,719	84,667	66	487,354	728,583	8	81,633	120,900
1947-----	39	247,327	8	73,664	68,225	28	154,402	223,657	3	19,261	36,166
1948-----	24	158,915	1	15,359	10,513	17	92,049	158,863	6	51,507	87,693
1949-----	33	540,559							33	540,559	863,292
1950-----	26	404,617				3	26,854	43,500	23	377,763	608,593
1951-----	10	147,569	2	47,438	23,580	4	28,993	42,994	4	71,138	116,458
1952-----	31	398,750	6	101,430	56,650	17	169,979	288,638	8	127,341	202,454
1953-----	45	570,395	1	4,244	3,560	22	212,305	323,789	22	353,846	554,831
1954-----	39	585,052	1	4,000	6,000	11	106,171	159,340	27	474,881	763,503

Source: American Bureau of Shipping, New York, N. Y.; published annually in *The Bulletin*.

## No. 743.—EMPLOYEES IN THE SHIP BUILDING AND REPAIRING INDUSTRY: 1925 TO 1954

[In thousands. Annual average employment in establishments primarily engaged in building and repairing all types of ships, barges, canal boats, and lighters of 5 gross tons and over, whether propelled by sail or motor power or towed by other craft]

YEAR	Total	Private yards <sup>1</sup>	Navy yards <sup>2</sup>	YEAR	Total	Private yards <sup>1</sup>	Navy yards <sup>2</sup>
1925-----	76.6	55.0	21.6	1946-----	354.1	210.0	144.1
1930-----	85.2	63.9	21.4	1947-----	224.0	137.3	86.6
1935-----	68.5	48.7	19.8	1948-----	213.9	124.2	89.7
1940-----	180.3	102.7	77.5	1949-----	171.8	88.1	83.7
1941-----	377.0	236.0	141.0	1950-----	145.7	72.0	73.6
1942-----	1,004.0	761.7	242.3	1951-----	223.3	102.2	121.2
1943-----	1,655.5	1,336.9	318.6	1952-----	267.6	134.2	133.4
1944-----	1,568.6	1,242.5	326.1	1953-----	255.0	131.2	123.8
1945-----	1,033.9	741.9	292.0	1954-----	218.3	108.4	109.8

<sup>1</sup> Comprises full- and part-time employees who worked during or received pay for any part of the pay period ending nearest the 15th of the month and have been adjusted to 1st quarter 1951 benchmark levels indicated by data from Government social insurance programs.<sup>2</sup> Prepared by the U. S. Navy Department, Bureau of Ships.Source: Department of Labor, Bureau of Labor Statistics; current data published in monthly report, *Employment and Earnings*.



## No. 744.—UNITED STATES MERCHANT MARINE—SUMMARY: 1789 TO 1954

[See also *Historical Statistics*, series K 94-104 and K 124-126]

JUNE 30 (except as indicated)	NUMBER OF VESSELS			GROSS TONNAGE OF VESSELS (1,000)								
	Total	Steam and motor	All other	Total	Major class			Material of which built		Type of trade in which engaged		
					Steam and motor	Sail- ing <sup>1</sup>	Canal boats and barges <sup>1</sup>	Metal <sup>2</sup>	Wood	For- eign trade	Coast- wise and in- ternal	Other <sup>3</sup>
1789 (Dec. 31)-----				202		202				124	69	9
1800 (Dec. 31)-----				972		972				667	272	33
1810 (Dec. 31)-----				1,425	1	1,424				981	405	38
1820 (Dec. 31) <sup>4</sup> -----				1,280	22	1,258				584	588	108
1830 (Dec. 31) <sup>4</sup> -----				1,192	64	1,127				538	517	137
1840 (Sept. 30)-----				2,181	202	1,978				763	1,177	241
1850-----				3,535	526	3,010				1,440	1,798	298
1860-----				5,354	868	4,486				2,379	2,645	330
1870-----	28,998	3,524	25,474	4,247	1,075	2,363	808			1,449	2,638	159
1880-----	24,712	4,717	19,995	4,068	1,212	2,366	490			1,314	2,638	116
1890-----	23,467	5,965	17,502	4,424	1,859	2,109	456	627	3,798	928	3,409	87
1900-----	23,333	7,053	16,280	5,165	2,658	1,885	622	1,593	3,572	817	4,287	62
1910-----	25,740	12,452	13,288	7,508	4,900	1,655	952	4,117	3,391	783	6,669	57
1915-----	26,701	15,948	10,753	8,389	5,944	1,384	1,061	5,305	3,085	1,863	6,486	40
1920-----	28,183	18,814	9,369	16,324	13,823	1,272	1,228	12,448	3,876	9,925	6,358	42
1925-----	26,367	18,637	7,730	17,406	14,976	1,125	1,304	14,499	2,907	8,151	9,216	39
1930-----	25,214	18,211	7,003	16,068	13,757	757	1,554	13,514	2,554	6,296	9,723	49
1935-----	24,919	18,495	6,424	14,654	12,535	441	1,677	12,469	2,185	4,560	10,049	44
1939-----	27,470	19,606	7,864	14,632	11,952	221	2,459	12,159	2,473	3,312	11,288	32
1940-----	27,212	19,504	7,708	14,018	11,353	200	2,466	( <sup>5</sup> )	( <sup>5</sup> )	3,638	10,352	29
1941 (Jan. 1)-----	27,075	19,382	7,693	13,722	11,047	182	2,493	11,393	2,329	3,047	10,654	21
1942 (Jan. 1)-----	27,325	19,471	7,854	13,860	11,072	166	2,621	11,641	2,218	4,109	9,744	7
1943 (Jan. 1)-----	27,612	19,974	7,638	16,762	14,052	142	2,568	14,647	2,115	9,285	7,471	6
1944 (Jan. 1)-----	28,690	21,511	7,179	25,795	23,217	129	2,449	23,837	1,959	18,685	7,105	5
1945 (Jan. 1)-----	29,797	22,772	7,025	32,813	30,247	115	2,452	30,898	1,915	26,043	6,766	5
1946 (Jan. 1)-----	31,386	24,355	7,031	38,501	35,928	98	2,475	36,571	1,929	29,705	8,791	4
1947 (Jan. 1)-----	32,760	25,532	7,228	37,832	35,149	95	2,588	35,897	1,936	26,535	11,294	3
1948 (Jan. 1)-----	33,843	26,633	7,210	33,167	30,469	87	2,611	31,211	1,956	22,021	11,143	3
1949 (Jan. 1)-----	35,264	27,862	7,402	32,182	29,323	87	2,771	30,212	1,969	20,654	11,525	3
1950 (Jan. 1)-----	36,083	28,793	7,290	31,215	28,327	82	2,806	29,263	1,952	19,154	12,048	14
1951 (Jan. 1)-----	36,745	29,429	7,316	30,341	27,424	71	2,846	28,417	1,924	18,876	11,462	3
1952 (Jan. 1)-----	37,389	30,189	7,200	30,416	27,459	66	2,891	28,559	1,857	19,279	11,134	4
1953 (Jan. 1)-----	38,072	30,791	7,281	30,546	27,507	55	2,984	28,761	1,785	19,007	11,537	2
1954 (Jan. 1)-----	39,008	31,565	7,443	30,764	27,631	46	3,087	28,982	1,782	18,974	11,787	2

CLASSES	NUMBER OF VESSELS					GROSS TONNAGE OF VESSELS (1,000)				
	1941	1950	1952	1953	1954	1941	1950	1952	1953	1954
<b>Total</b> -----	27,075	36,083	37,389	38,072	39,008	13,722	31,215	30,416	30,546	30,764
By location:										
Atlantic and Gulf <sup>6</sup> -----	16,627	21,623	22,530	22,937	23,433	9,812	20,420	20,939	21,091	21,147
Pacific <sup>7</sup> -----	6,727	10,066	10,344	10,476	10,632	1,964	8,446	7,196	7,094	7,152
Northern lakes-----	2,023	2,026	2,027	2,027	2,015	1,641	1,628	1,556	1,624	1,616
Western rivers-----	1,698	2,368	2,488	2,632	2,928	305	721	725	738	849
By rig:										
Steam-----	3,796	4,795	4,432	4,339	4,241	9,814	26,272	25,356	25,377	25,489
Motor-----	15,586	23,998	25,757	26,452	27,324	1,233	2,055	2,103	2,130	2,142
Sailing-----	517	290	249	238	228	182	82	66	55	46
Unrigged-----	7,176	7,000	6,951	7,043	7,215	2,493	2,806	2,891	2,984	3,087

<sup>1</sup> Canal boats and barges included with sailing prior to 1868.<sup>2</sup> Includes iron, steel, composite, concrete, bronze, and aluminum.<sup>3</sup> Includes whale fisheries and cod and mackerel fisheries. Beginning 1939, figures exclude mackerel.<sup>4</sup> Decrease of tonnage arises principally from registered tonnage having been corrected in 1818, 1829, and 1830 by omitting all vessels with registers granted prior to 1815, which were presumed to have been lost at sea, captured, etc.<sup>5</sup> Not available. <sup>6</sup> Including Puerto Rico and Virgin Islands. <sup>7</sup> Including Hawaii and Alaska.Source: Treasury Department, Bureau of Customs; annual report, *Merchant Marine Statistics*.

No. 745.—U. S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS  
ON JANUARY 1, 1954, BY YEAR OF BUILD

YEAR OF BUILD	Number	Gross tons	YEAR OF BUILD	Number	Gross tons	YEAR OF BUILD	Number	Gross tons
<b>Total</b> .....	<b>39,008</b>	<b>30,764,287</b>	1888.....	42	4,130	1921.....	269	174,717
Unknown.....	921	103,631	1889.....	28	4,081	1922.....	323	96,655
1822.....	1	34	1890.....	33	5,164	1923.....	438	117,907
1849.....	1	19	1891.....	58	8,527	1924.....	588	146,359
1851.....	1	14	1892.....	50	8,912	1925.....	634	139,565
1857.....	1	65	1893.....	39	3,531	1926.....	685	137,531
1862.....	1	36	1894.....	27	2,625	1927.....	756	207,897
1863.....	1	1,318	1895.....	31	6,211	1928.....	788	159,559
1864.....	1	225	1896.....	58	41,370	1929.....	830	162,443
1865.....	4	121	1897.....	53	26,923	1930.....	738	146,822
1866.....	4	224	1898.....	87	40,982	1931.....	532	121,764
1867.....	4	127	1899.....	93	44,022	1932.....	352	108,523
1868.....	3	521	1900.....	134	76,815	1933.....	308	52,261
1869.....	4	237	1901.....	155	51,718	1934.....	408	35,701
1870.....	2	3,706	1902.....	153	72,541	1935.....	586	60,574
1871.....	8	474	1903.....	157	69,180	1936.....	768	133,920
1872.....	7	284	1904.....	149	51,356	1937.....	870	201,488
1873.....	6	232	1905.....	211	192,344	1938.....	750	163,431
1874.....	7	884	1906.....	229	267,653	1939.....	780	193,749
1875.....	7	584	1907.....	235	273,076	1940.....	891	369,187
1876.....	7	427	1908.....	256	173,513	1941.....	955	509,815
1877.....	7	3,159	1909.....	232	124,258	1942.....	1,554	3,404,557
1878.....	9	3,227	1910.....	246	153,318	1943.....	2,264	7,318,839
1879.....	8	1,356	1911.....	312	97,741	1944.....	2,255	5,846,598
1880.....	8	2,074	1912.....	337	77,138	1945.....	1,880	4,702,391
1881.....	29	2,952	1913.....	371	118,974	1946.....	1,536	595,929
1882.....	31	2,029	1914.....	338	82,929	1947.....	1,430	275,846
1883.....	26	1,410	1915.....	334	55,699	1948.....	1,295	236,168
1884.....	27	2,508	1916.....	333	138,252	1949.....	1,186	230,318
1885.....	23	3,019	1917.....	501	186,976	1950.....	1,057	234,227
1886.....	28	3,837	1918.....	455	91,024	1951.....	1,133	348,570
1887.....	27	2,880	1919.....	454	165,495	1952.....	1,131	460,875
			1920.....	443	178,043	1953.....	1,190	633,966

Source: Treasury Department, Bureau of Customs; annual report, *Merchant Marine Statistics*.

No. 746.—U. S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS  
ON JANUARY 1, 1954, BY TONNAGE GROUPINGS

TONNAGE GROUPINGS	TOTAL		STEAM VESSELS		MOTOR VESSELS		SAILING VESSELS		UNRIGGED VESSELS	
	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)
<b>Total</b> .....	<b>39,008</b>	<b>30,764</b>	<b>4,241</b>	<b>25,489</b>	<b>27,324</b>	<b>2,142</b>	<b>228</b>	<b>46</b>	<b>7,215</b>	<b>3,087</b>
5 to 49 tons.....	23,056	410	61	2	22,166	387	184	3	645	19
50 to 99 tons.....	3,078	215	150	12	2,560	176	11	1	357	26
100 to 499 tons.....	6,782	1,828	505	115	2,132	424	12	3	4,133	1,285
500 to 999 tons.....	1,947	1,284	115	80	174	115	9	8	1,649	1,082
1,000 to 2,499 tons.....	650	916	130	225	125	160	7	12	388	519
2,500 to 4,999 tons.....	317	1,206	159	629	113	418	5	20	40	139
5,000 to 9,999 tons.....	2,789	20,433	2,743	20,080	43	337			3	16
10,000 to 19,999 tons.....	381	4,259	370	4,134	11	125				
20,000 tons and over.....	8	212	8	212						

Source: Treasury Department, Bureau of Customs; annual report, *Merchant Marine Statistics*.



# No. 747.—U. S. MERCHANT MARINE—CHANGES IN GROSS TONNAGE OF DOCUMENTED VESSELS: 1940 TO 1953

[In thousands of gross tons. Documented vessels of 5 net tons or more. Vessels may be added to merchant marine by way of redocumentation. However, figures are available only for vessels documented. See also *Historical Statistics*, series K 105-118]

YEAR	Gross tonnage of vessels built and documented	GROSS TONNAGE OF VESSELS REMOVED					Net increase (+) or decrease (—) during year <sup>1</sup>
		Total	Lost and abandoned	Sold to aliens	Sold to United States	All other	
1940-----	447	1,697	274	1,114	(2)	308	<sup>3</sup> -297
1941-----	647	1,064	127	333	245	358	+138
1942-----	4,544	1,876	168	70	323	1,316	+2,902
1943-----	10,432	1,727	199	102	216	1,210	+9,034
1944-----	8,032	1,425	417	104	288	616	+7,018
1945-----	6,314	901	138	75	198	490	+5,687
1946-----	548	1,745	344	1,193	87	121	-668
1947-----	267	5,914	257	4,930	383	345	-4,665
1948-----	200	1,713	245	1,207	136	124	-985
1949-----	195	1,380	449	330	404	196	-967
1950-----	194	1,238	163	488	147	440	-874
1951-----	309	454	123	75	30	226	+75
1952-----	437	441	77	191	(4)	173	+130
1953-----	634	547	90	107	7	342	+218

<sup>1</sup> Difference in total gross tonnage between successive years as shown in table 744.

<sup>2</sup> Included in all other.

<sup>3</sup> 6-month decrease.

<sup>4</sup> Less than 500 gross tons.

Source: Treasury Department, Bureau of Customs; annual report, *Merchant Marine Statistics*.

# No. 748.—U. S. MERCHANT MARINE—NUMBER AND GROSS TONNAGE OF VESSELS BUILT IN UNITED STATES AND DOCUMENTED: 1940 TO 1953

[Documented vessels of 5 net tons or more. See also *Historical Statistics*, series K 119-123]

YEAR	Number of vessels	GROSS TONNAGE			
		All vessels	Steam and motor	Sailing	Canal boats and barges
1940-----	705	446,894	385,681	87	61,126
1941-----	703	647,097	536,443	-----	60,654
1942-----	1,108	4,543,946	4,504,398	14	39,534
1943-----	1,901	10,431,734	10,339,670	23	92,041
1944-----	1,723	8,032,009	8,009,277	129	22,603
1945-----	1,744	6,313,977	6,258,608	-----	55,369
1946-----	1,275	548,262	509,538	7	38,717
1947-----	1,259	267,331	186,109	16	81,206
1948-----	1,118	200,290	108,206	-----	92,084
1949-----	978	195,190	85,288	39	109,863
1950-----	861	194,370	103,358	7	91,005
1951-----	992	308,825	165,064	-----	143,761
1952-----	990	437,378	313,296	-----	124,082
1953-----	1,190	633,966	477,421	28	156,517

Source: Treasury Department, Bureau of Customs; annual report, *Merchant Marine Statistics*.

No. 749.—MERCHANT VESSELS LAUNCHED IN THE WORLD AND IN THE UNITED STATES: 1910 TO 1954

[Vessels of 100 gross tons and over. Sailing ships and nonpropelled craft are excluded after 1940. For 1939-1945, figures exclude information from enemy and enemy-occupied countries and Russia; for 1946-1949, figures exclude Germany and Russia. Beginning 1950, figures include Germany, but exclude Russia, Poland, and China]

YEAR	WORLD				UNITED STATES	
	Total		Steam and motor		Number	Gross tons
	Number	Gross tons	Number	Gross tons		
1910-1914, average.....	1,533	2,739,079	1,180	2,631,779	162	252,864
1915-1920, average <sup>1</sup> .....	1,488	4,046,860	1,296	3,918,746	518	1,877,382
1921-1925, average.....	942	2,581,653	830	2,531,592	99	315,114
1926-1930, average.....	873	2,468,515	808	2,427,929	74	158,788
1931-1935, average.....	484	1,020,444	461	1,010,567	25	83,485
1936-1940, average.....	931	2,427,144	841	2,376,050	127	310,796
1941-1945, average.....	1,390	8,510,700	1,390	8,510,700	963	6,718,446
1946-1950, average.....	858	2,630,349	858	2,630,349	67	372,579
1943.....	2,078	13,884,776	2,078	13,884,776	1,625	11,579,522
1944.....	1,738	11,169,503	1,738	11,169,503	1,261	9,339,067
1945.....	1,326	7,192,679	1,326	7,192,679	880	5,967,581
1946.....	690	2,114,702	690	2,114,702	96	501,294
1947.....	787	2,102,621	787	2,102,621	70	164,848
1948.....	872	2,309,743	872	2,309,743	49	126,418
1949.....	926	3,131,805	926	3,131,805	66	633,306
1950.....	1,013	3,492,876	1,013	3,492,876	52	437,031
1951.....	1,022	3,642,564	1,022	3,642,564	64	165,883
1952.....	1,074	4,395,578	1,074	4,395,578	64	467,545
1953.....	1,143	5,096,050	1,143	5,096,050	68	528,307
1954.....	1,233	5,252,631	1,233	5,252,631	46	476,984

<sup>1</sup> Figures covering war period are for allied and neutral countries.

Source: Lloyd's Register of Shipping, London; *Annual Summary of Merchant Ships Launched in the World*, and records.

No. 750.—MERCHANT MARINE OF THE WORLD AND OF THE UNITED STATES

[Vessels of 100 tons and over. Prior to 1919 tonnage figures are gross for steamers and net for sailing vessels, thereafter gross for both]

YEAR	World total	United States	YEAR	World total	United States	YEAR	World total	United States
	1,000 tons	1,000 tons		1,000 tons	1,000 tons		1,000 tons	1,000 tons
1895.....	25,086	2,165	1925.....	64,641	15,377	1949.....	83,346	28,224
1900.....	28,957	2,750	1930.....	69,608	14,046	1950.....	85,303	27,898
1905.....	35,998	3,996	1935.....	64,886	12,852	1951.....	87,961	27,702
1910.....	41,915	5,059	1939.....	69,440	12,003	1952.....	90,868	27,601
1915.....	49,262	5,893	1947.....	84,356	32,891	1953.....	93,978	27,535
1920.....	57,314	16,049	1948.....	81,074	29,602	1954.....	98,046	27,630

ITEM	NUMBER					THOUSANDS OF TONS					
	1930	1939	1950	1953	1954	1920	1930	1939	1950	1953	1954
World total.....	32,713	31,186	31,732	32,603	33,210	57,314	69,608	69,440	85,303	93,978	98,046
Steam and motor.....	29,996	29,763	30,852	31,797	32,358	53,905	63,024	68,509	84,583	93,352	97,422
Steel and iron.....	27,595	27,507	27,922	29,174	29,766	51,661	67,304	68,007	83,996	92,826	96,900
Wood and composite.....	2,401	2,256	2,930	2,623	2,592	2,244	720	503	587	525	522
Sailing and nonpropelled.....	2,717	1,423	880	806	852	3,409	1,584	930	720	626	624
Steel and iron.....	742	743	611	606	659	1,524	654	572	557	531	544
Wood and composite.....	1,975	680	269	200	193	1,885	930	358	163	95	80
United States.....	4,223	3,375	5,213	4,984	4,931	16,049	14,046	12,003	27,898	27,535	27,630
Steam and motor.....	3,517	2,958	4,953	4,800	4,756	14,574	13,202	11,490	27,513	27,237	27,344
Steel and iron.....	3,001	2,560	4,531	4,431	4,404	13,341	12,914	11,342	27,404	27,144	27,252
Wood and composite.....	516	398	422	369	352	1,234	288	148	109	93	92
Sailing and nonpropelled.....	706	417	260	184	175	1,475	844	513	385	298	286
Steel and iron.....	147	187	154	132	131	304	288	272	260	238	239
Wood and composite.....	559	230	106	52	44	1,171	556	241	125	60	47

Source: Lloyd's Register of Shipping, London; statistical tables based on *Lloyd's Register Book*.



## 23. Irrigation, Drainage, and Soil Conservation

**Irrigation.**—The 17 Western States and Arkansas, Louisiana, and Florida are the States in which most of the irrigated land in the Nation is located. In these States a special Census of Irrigation was made as part of the 1950 Census of Agriculture conducted by the Bureau of the Census. Information on acres irrigated, irrigation works, capital investment, and a number of other items was obtained from the irrigation companies, districts, and other organizations, and from farms that operate their own irrigation supply works. For the remaining eastern, midwestern, and southern States information on irrigation was limited to that reported in the farm census.

The definition of irrigated land in the 1950 Census was the net acreage of farm land to which irrigation water was actually applied during 1949. It did not include land that could be irrigated or that usually is irrigated, but that was not irrigated during 1949. Land in irrigated farms that was used for purposes such as roads and farmsteads, to which irrigation water was not applied, was excluded. Also excluded was irrigated land used for purposes other than farming, such as that in rural residential areas, cemeteries, parks, and golf courses.

The Bureau of Reclamation has operated since 1902 as the principal Federal agency engaged in the development of irrigation projects. By Congressional directive its activities are confined to the 17 Western States and Alaska. However, Kansas does not appear in any of the Reclamation tables because work on developments in that State has not yet progressed to a point to warrant its inclusion. Actual operation of irrigation works is transferred to water users organizations as soon as the projects are fully developed and these organizations are willing and able to assume the responsibility of operating the works.

Reclamation crop data, compiled since 1906, are obtained from the annual crop census conducted by the Bureau. Information on reclamation project charges and rentals are obtained from the financial records of the Bureau. Data on reclamation hydroelectric plants have been compiled semi-annually by the Bureau since July 1944.

**Drainage.**—Drainage works for farm lands are constructed primarily for three purposes, namely, (1) the reclamation or improvement of the land, (2) protection of the land against overflow, and (3) to rid the land of seepage from irrigation ditches or for control or prevention of alkali formation. Ninety percent of all drainage enterprises were organized for reclamation and improvement of land.

The farmers in the Eastern United States need drainage to take surplus rainfall off some of their lands. Most of this is gravity drainage, although pumps are sometimes used. In the Western States drainage is mainly for the purpose of taking seepage water off irrigated lands and to carry off alkali salts.

In the 1950 National Census of Drainage, in general, only those organized enterprises with 500 acres or more of drained farm land were included in the enumeration. A few irrigation enterprises of smaller size which had their own drainage works were also included. In previous Censuses (1910–1940) all organized enterprises draining farm lands were included in the enumeration regardless of size. Privately drained lands of less than 500 acres have not been enumerated in any of the four Drainage Censuses. The change in census procedure for 1950 materially reduced the number of enterprises enumerated, but affected very little the amount of drained land enumerated.

In taking the 1950 Census, differences in form of organization and management of drainage enterprises made it necessary for the Bureau of the Census to divide somewhat arbitrarily the 40 States with drainage enterprises into two groups: the 10 "county-drain" States and the 30 "drainage-district" States. The 8 States with no drainage enterprises are the 6 New England States, Pennsylvania, and West

Note.—This section presents data for the most recent year or period available on April 25, 1955, when the material was organized and sent to the printer.

Virginia. In the 10 "county-drain" States (Delaware, Indiana, Iowa, Kentucky, Michigan, Minnesota, North Dakota, Ohio, Oklahoma, South Dakota), statistics were gathered for the county as a unit, rather than for each separate enterprise as for the 30 "drainage-district" States. In most of the "county-drain" States, the management of drainage enterprises is under the county government. Generally, the maintenance work on existing ditches has been done by reorganizing the land of an earlier enterprise into a new project. Since the number of enterprises for "county-drain" States would be meaningless, the number was not obtained for these 10 States.

In the Western States most of the drained land is located in irrigation enterprises which were chartered to do both irrigation and drainage work under one organization. In the case of irrigation enterprises having their own drainage, the cost of construction and operation and maintenance of the irrigation works is usually far greater than that for drainage. Separate records are seldom kept for expenditures for drainage and irrigation. Data were not included in the 1950 Census of Drainage for cost, collections, and indebtedness of irrigation enterprises having their own drainage. Therefore, the data for 1950 are not fully comparable with those for earlier years.

**Soil conservation.**—Basic soil conservation district legislation has now been enacted in all of the 48 States and 4 of the Territories and possessions. Each of these laws contains an effective date after which soil conservation districts could be organized by local farmers and operators. A soil conservation district is a political subdivision of a State which is determined by petition and referendum of farmers residing in the area, and approved by the State Soil Conservation Committee. Districts, in most cases, have authority to solicit Federal, State, county, and private assistance in carrying on their soil and water conservation program within the area. On request of the local governing body of each soil conservation district, the Department of Agriculture provides technical and other assistance to districts, through its several agencies. Memoranda of understanding form the basis on which any departmental assistance is provided to a district for use on the farms and ranches within the district. After the basic memorandum with the Department has been signed, the Soil Conservation Service signs a supplemental memorandum with each district governing body requesting assistance, to cover activities which the Soil Conservation Service will help each district to carry out.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series F 56-59") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.



## No. 751.—IRRIGATION ENTERPRISES—SUMMARY: 1910 TO 1950

[Data are for the 17 Western States, Arkansas, Louisiana, and, for 1940 and 1950, Florida. Tables 751 and 753 relate to irrigation enterprises of all types, including those operated by individual farmers. They are based on reports of management of enterprises. An enterprise is defined as "an independent irrigation establishment owning or operating works for supplying water to agricultural land." See also *Historical Statistics*, series F 56-59]

ITEM	CENSUS OF—				
	1910	1920	1930	1940 <sup>1</sup>	1950 <sup>1</sup>
Approximate land area.....1,000 acres.....	1,224,063	1,223,989	1,223,989	2,259,784	1,258,972
Farms (irrigated and nonirrigated) <sup>2</sup> .....number.....	1,776,046	1,916,391	2,062,813	1,960,093	1,669,447
Land in all farms <sup>3</sup> .....1,000 acres.....	416,463	505,441	568,694	637,388	734,577
Irrigation enterprises:					
Enterprises.....number.....	56,858	63,298	75,517	95,265	123,926
Area irrigated.....1,000 acres.....	14,433	19,192	19,548	21,136	26,233
Investment in irrigation enterprises.....1,000 dollars.....	321,454	697,657	892,756	1,059,105	1,887,738
Increase over preceding census.....percent.....	359.2	117.0	28.0	18.6	78.2
Average per acre irrigated.....dollars.....	22.27	36.35	45.67	50.11	71.96
Increase over preceding census.....percent.....		63.2	25.6	9.7	43.6
Average annual cost per acre irrigated for maintenance and operation of irrigation works.....dollars.....	4 1.07	2.43	2.77	2.19	4.89

<sup>1</sup> Includes Florida; see headnote.

<sup>2</sup> Represents redeterminations and therefore differs from figures shown for earlier years.

<sup>3</sup> From Census of Agriculture.

<sup>4</sup> Excludes cost of operation and maintenance for rice-growing districts in Gulf States; consequently figure is not comparable with those for later years.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. III.

## No. 752.—FARM DRAINAGE—ANNUAL COST AND FUNDS COLLECTED, FOR ALL DRAINAGE STATES: 1940 TO 1949

[See table 755 for States included]

ITEM	All drainage States, amount	30 STATES <sup>1</sup>		10 States, amount <sup>2</sup>
		Number of enterprises reporting	Amount	
<b>Cost of construction and operation and maintenance, 1940 to 1949</b> .....	<b>\$179,033,770</b>	<b>3,426</b>	<b>\$110,231,690</b>	<b>\$68,802,080</b>
1940.....	11,118,467	1,513	6,196,439	4,922,028
1941.....	11,858,842	1,519	6,658,374	5,200,468
1942.....	11,622,551	1,518	6,723,109	4,899,442
1943.....	11,680,225	1,577	7,043,661	4,636,564
1944.....	13,754,850	1,582	8,135,637	5,619,213
1945.....	15,874,399	1,671	9,077,448	6,796,951
1946.....	18,868,027	1,853	11,645,339	7,222,688
1947.....	23,635,739	2,022	15,224,054	8,411,685
1948.....	29,103,462	2,133	19,222,181	9,881,281
1949.....	31,517,208	2,214	20,305,448	11,211,760
<b>Cost of new drainage works, 1940 to 1949</b> .....	<b>23,872,422</b>	<b>983</b>	<b>16,288,346</b>	<b>7,584,076</b>
1940.....	292,905	28	211,662	81,243
1941.....	595,553	36	456,885	138,668
1942.....	668,364	38	485,030	133,334
1943.....	761,825	55	552,887	208,938
1944.....	847,874	58	585,754	262,120
1945.....	1,841,360	106	1,209,478	631,882
1946.....	2,656,197	175	1,845,545	810,652
1947.....	3,982,765	285	2,675,951	1,306,814
1948.....	5,480,198	334	3,811,674	1,668,524
1949.....	6,745,381	399	4,453,480	2,291,901
<b>Funds collected for drainage, 1940 to 1949</b> .....	<b>209,919,061</b>	<b>3,471</b>	<b>144,415,544</b>	<b>65,503,517</b>
1940.....	14,826,778	1,544	9,876,982	4,949,796
1941.....	16,059,107	1,516	10,964,089	5,095,018
1942.....	16,434,645	1,534	11,257,936	5,176,709
1943.....	16,604,413	1,549	11,745,320	4,859,093
1944.....	17,857,447	1,574	12,352,386	5,505,061
1945.....	19,893,508	1,650	13,748,625	6,144,883
1946.....	24,077,324	1,792	16,740,225	7,337,099
1947.....	25,669,339	1,968	18,062,647	7,606,692
1948.....	28,090,532	2,072	19,551,283	8,539,249
1949.....	30,405,968	2,107	20,116,051	10,289,917

<sup>1</sup> Largely States with organized drainage districts and other corporate and private enterprises.

<sup>2</sup> Largely county-drain States. See text, p. 609.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. IV.

**NO. 753.—IRRIGATION ENTERPRISES—AREA IRRIGATED, 1939 AND 1949, CAPITAL INVESTED, 1940 AND 1950, AND DAMS, RESERVOIRS, CANALS, PIPELINES, AND WELLS, 1950, BY STATES**

[See headnote, table 751. Minus sign (—) denotes decrease]

STATE	AREA IRRIGATED				CAPITAL INVESTED			
	1939	1949		In-crease, 1939 to 1949	1940	1950		In-crease, 1940 to 1950
		Total	Proportion of total			Total	Proportion of total	
	<i>Acres</i>	<i>Acres</i>	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>
<b>20 States, total.....</b>	<b>21, 136, 101</b>	<b>26, 233, 215</b>	<b>100. 0</b>	<b>24. 1</b>	<b>1,059,105,122</b>	<b>1,887,738,707</b>	<b>100. 0</b>	<b>78. 2</b>
Arkansas.....	161, 601	419, 101	1. 6	159. 3	5, 766, 895	14, 171, 467	0. 8	145. 7
Louisiana.....	447, 095	597, 966	2. 3	33. 7	11, 565, 513	21, 503, 040	1. 1	85. 9
Florida.....	132, 362	362, 938	1. 4	174. 2	7, 055, 921	19, 549, 139	1. 0	177. 1
<b>17 Western States, total.....</b>	<b>20, 395, 043</b>	<b>24, 853, 210</b>	<b>94. 7</b>	<b>21. 9</b>	<b>1,034,716,793</b>	<b>1,832,515,061</b>	<b>97. 1</b>	<b>77. 1</b>
Arizona.....	653, 263	979, 114	3. 7	49. 9	83, 526, 608	137, 575, 193	7. 3	64. 7
California.....	5, 069, 568	6, 598, 839	25. 2	30. 2	318, 889, 218	640, 474, 185	33. 9	100. 8
Colorado.....	3, 220, 685	2, 943, 895	11. 2	—8. 6	106, 849, 343	163, 295, 813	8. 7	52. 8
Idaho.....	2, 277, 857	2, 167, 879	8. 3	—4. 8	102, 585, 798	129, 973, 554	6. 9	26. 7
Kansas.....	99, 980	140, 992	0. 5	41. 0	2, 153, 886	5, 882, 265	0. 3	173. 1
Montana.....	1, 711, 409	1, 808, 576	6. 9	5. 7	67, 352, 505	81, 256, 990	4. 3	20. 6
Nebraska.....	610, 379	887, 239	3. 4	45. 4	39, 056, 207	56, 463, 881	3. 0	44. 6
Nevada.....	739, 863	722, 896	2. 8	—2. 3	16, 906, 790	20, 181, 476	1. 1	19. 4
New Mexico.....	554, 039	691, 476	2. 6	24. 8	32, 735, 997	61, 137, 909	3. 2	86. 8
North Dakota.....	21, 615	35, 759	0. 1	65. 4	1, 755, 489	2, 957, 763	0. 2	68. 5
Oklahoma.....	4, 160	44, 209	0. 2	962. 7	272, 186	13, 076, 010	0. 7	4, 704. 1
Oregon.....	1, 049, 176	1, 337, 517	5. 1	27. 5	50, 961, 251	74, 360, 981	3. 9	45. 9
South Dakota.....	60, 198	84, 356	0. 3	40. 1	5, 395, 610	6, 617, 914	0. 4	22. 7
Texas.....	1, 045, 224	3, 150, 527	12. 0	201. 4	66, 441, 376	144, 445, 313	7. 7	117. 4
Utah.....	1, 176, 116	1, 166, 972	4. 4	—0. 8	41, 896, 532	56, 539, 436	3. 0	35. 0
Washington.....	615, 013	618, 129	2. 4	0. 5	56, 415, 196	178, 289, 988	9. 4	216. 0
Wyoming.....	1, 486, 498	1, 474, 835	5. 6	—0. 8	41, 522, 801	59, 986, 390	3. 2	44. 5

STATE	Diver-sion dams	Reser-voirs	RESERVOIRS WITH CAPACITY REPORTED		Canals and ditches	Pipe lines and siphons	WELLS	
			Reser-voirs	Total capacity			Flow-ing	Pumped
	<i>Num-ber</i>	<i>Num-ber</i>	<i>Num-ber</i>	<i>Acre-feet</i>	<i>Miles</i>	<i>Miles</i>	<i>Num-ber</i>	<i>Number</i>
<b>20 States, total.....</b>	<b>50, 131</b>	<b>7, 717</b>	<b>7, 002</b>	<b>42,407,439</b>	<b>138, 967</b>	<b>15, 851</b>	<b>10, 634</b>	<b>130, 688</b>
Arkansas.....	108	86	74	40, 431	683	19	18	3, 662
Louisiana.....	319	58	57	31, 249	3, 477	62	849	3, 365
Florida.....	355	180	168	3, 343	695	482	4, 181	7, 598
<b>17 Western States, total.....</b>	<b>49, 349</b>	<b>7, 393</b>	<b>6, 703</b>	<b>42,332,466</b>	<b>134, 112</b>	<b>15, 288</b>	<b>5, 586</b>	<b>116, 063</b>
Arizona.....	552	269	237	3, 625, 679	4, 800	316	214	4, 361
California.....	4, 708	1, 684	1, 502	8, 711, 667	21, 183	10, 088	572	72, 147
Colorado.....	7, 709	1, 182	1, 106	2, 028, 550	18, 729	251	1, 371	4, 988
Idaho.....	5, 121	364	313	5, 124, 966	15, 159	457	458	888
Kansas.....	127	48	42	25, 505	542	13	11	1, 343
Montana.....	8, 139	629	577	1, 598, 898	15, 499	110	79	142
Nebraska.....	488	114	96	133, 934	4, 613	88	89	7, 157
Nevada.....	4, 065	202	176	687, 179	3, 388	123	290	254
New Mexico.....	1, 286	476	448	3, 186, 401	5, 763	168	106	3, 846
North Dakota.....	15	11	6	1, 101	193	7	-----	4
Oklahoma.....	20	29	27	148, 945	354	19	-----	160
Oregon.....	6, 231	528	471	2, 421, 138	8, 406	572	138	2, 770
South Dakota.....	281	100	94	204, 693	964	8	14	27
Texas.....	438	566	508	1, 402, 883	10, 092	1, 168	152	15, 070
Utah.....	3, 080	511	476	2, 224, 361	9, 621	300	1, 925	560
Washington.....	1, 861	222	205	6, 436, 522	4, 984	1, 514	69	2, 098
Wyoming.....	5, 228	458	419	4, 370, 044	9, 822	56	98	248

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. III.



## No. 754.—IRRIGATED LAND IN FARMS, BY STATES: 1939, 1944, AND 1949

[In 1940, the schedule called for land from which irrigated crops were harvested in 1939, and for land irrigated in 1939 and used for grazing or pasture; in 1945 and 1950, for total land in farms irrigated in 1944 and 1949]

DIVISION, STATE, AND REGION	FARMS REPORTING			ACRES IRRIGATED			IRRIGATION BY SPRINKLER, 1949	
	1939	1944	1949	1939	1944	1949	Farms report- ing	Acres
<b>United States</b> .....	299,604	288,195	305,061	17,982,830	20,539,470	25,787,455	25,049	639,987
The North.....	13,656	12,448	18,348	667,820	861,979	1,258,321	5,272	110,320
The South.....	32,639	29,008	39,087	1,601,384	2,372,296	4,552,481	3,098	137,894
The West.....	253,309	246,739	247,626	15,713,626	17,305,195	19,976,653	16,679	391,773
<b>New England</b> .....	338	922	1,581	2,846	12,153	31,450	933	18,783
Maine.....	33	3	123	143	100	2,299	111	2,131
New Hampshire.....	7	10	51	25	63	622	38	556
Vermont.....		2	22		6	303	14	259
Massachusetts.....	231	874	1,053	2,049	11,355	18,507	483	6,706
Rhode Island.....	10	9	52	109	133	1,631	42	1,462
Connecticut.....	57	24	280	520	496	8,088	245	7,669
<b>Middle Atlantic</b> .....	1,446	1,415	2,208	17,260	30,792	54,616	1,783	42,030
New York.....	567	646	888	5,948	10,316	19,248	732	16,361
New Jersey.....	580	675	1,033	7,956	11,712	28,117	811	19,058
Pennsylvania.....	299	94	287	3,356	8,764	7,251	240	6,611
<b>East North Central</b> .....	1,491	1,206	2,110	10,833	12,795	36,237	1,883	31,205
Ohio.....	658	463	458	4,536	4,178	5,706	431	5,134
Indiana.....	136	123	164	685	830	5,339	160	5,285
Illinois.....	72	47	139	307	368	1,510	119	1,400
Michigan.....	462	347	995	2,960	2,850	13,901	898	11,894
Wisconsin.....	163	226	354	2,345	4,569	9,781	275	7,492
<b>West North Central</b> .....	10,381	8,905	12,449	636,881	806,239	1,136,018	673	18,302
Minnesota.....	216	27	274	2,968	210	4,235	248	4,097
Iowa.....	88	54	76	2,258	1,197	1,386	54	1,149
Missouri.....	140	118	142	960	1,113	2,089	121	931
North Dakota.....	479	206	304	19,975	22,814	35,294	9	318
South Dakota.....	967	708	807	54,073	52,895	78,069	12	391
Nebraska.....	6,913	7,156	9,680	473,775	631,762	876,259	153	8,295
Kansas.....	1,578	636	1,166	82,872	96,248	138,686	76	3,121
<b>South Atlantic</b> .....	4,119	4,199	6,516	128,037	224,446	381,044	2,410	89,777
Delaware.....	2	3	10	7	22	404	10	404
Maryland.....	17	8	30	67	287	697	20	568
District of Columbia.....		16	2		45	13	2	13
Virginia.....	53	31	71	687	1,419	2,817	64	2,762
West Virginia.....	23	11	9	270	42	40	3	14
North Carolina.....	37	19	96	246	229	2,083	82	1,883
South Carolina.....	14	5	84	411	62	6,408	53	1,793
Georgia.....	26	14	139	158	423	3,161	92	2,249
Florida.....	3,947	4,092	6,075	126,191	221,917	365,421	2,084	80,091
<b>East South Central</b> .....	111	211	180	891	1,113	6,950	121	1,794
Kentucky.....	46	34	67	205	230	485	48	346
Tennessee.....	21	21	35	311	393	1,012	29	971
Alabama.....	37	153	34	281	487	367	31	300
Mississippi.....	7	3	44	94	3	5,086	13	177
<b>West South Central</b> .....	28,409	24,598	32,391	1,472,456	2,146,737	4,164,487	567	46,323
Arkansas.....	1,529	2,229	3,060	159,412	288,665	422,107	40	1,676
Louisiana.....	7,037	7,185	7,438	413,969	535,619	576,775	36	1,067
Oklahoma.....	275	74	466	4,437	2,237	34,071	76	2,072
Texas.....	19,568	15,110	21,427	894,638	1,320,216	3,131,534	415	41,508
<b>Mountain</b> .....	135,414	127,963	122,280	9,912,862	10,703,164	11,642,484	976	43,324
Montana.....	15,087	12,997	13,457	1,587,602	1,555,480	1,716,792	250	15,520
Idaho.....	29,898	28,571	29,413	1,895,048	2,026,280	2,137,237	344	9,995
Wyoming.....	8,637	7,793	7,831	1,284,027	1,353,873	1,431,767	14	581
Colorado.....	29,766	28,054	27,121	2,467,548	2,698,579	2,872,348	183	8,194
New Mexico.....	15,811	14,299	12,691	436,402	534,640	655,257	53	1,822
Arizona.....	10,339	9,634	7,822	575,464	736,027	963,550	51	4,011
Utah.....	22,612	23,543	21,126	911,135	1,124,081	1,137,995	48	1,766
Nevada.....	3,264	3,072	2,819	755,636	674,204	727,498	33	1,435
<b>Pacific</b> .....	117,895	118,776	125,346	5,800,764	6,602,031	8,334,169	15,703	348,449
Washington.....	17,426	15,974	16,928	493,982	520,153	589,035	3,411	67,852
Oregon.....	16,159	15,597	17,663	1,030,228	1,129,059	1,306,810	4,140	98,769
California.....	84,310	87,205	90,755	4,276,554	4,952,819	6,438,324	8,152	181,828

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1950, Vols. II and III.

No. 755.—NUMBER OF DRAINAGE ENTERPRISES, LAND IN ENTERPRISES, AND FINANCIAL DATA, BY STATES: 1920 TO 1950

STATE	Approximate land area in 1950 (acres)	NUMBER OF DRAINAGE ENTERPRISES <sup>1</sup>		LAND IN DRAINAGE ENTERPRISES, TOTAL ACRES (NET) <sup>1</sup>				FUNDS COLLECTED JAN. 1, 1940, TO DEC. 31, 1949 <sup>2</sup>	
		1940	1950	1920	1930	1940	1950	Number of enterprises reporting	Amount (\$1,000)
<b>Total 40 States</b>	1,819,123,840	(3)	(3)	65,495,038	84,408,093	86,967,039	102,688,331	(3)	209,919
<b>Total 30 States <sup>4</sup></b>	1,481,365,760	9,403	14,066	22,281,273	36,687,719	39,872,238	50,655,190	3,471	144,416
Alabama.....	32,689,920	1	10	-----	-----	28,045	76,671	7	72
Arizona.....	72,688,000	23	25	39,640	318,931	298,633	197,268	2	22
Arkansas.....	33,712,000	346	844	3,479,591	4,631,155	4,592,738	4,701,095	129	10,213
California.....	100,313,600	1,067	2,047	1,108,319	2,233,714	2,667,194	2,554,576	152	25,129
Colorado.....	66,510,080	297	630	171,656	366,719	468,322	623,976	47	1,196
Florida.....	34,727,680	948	1,889	1,637,073	5,954,934	5,699,022	6,083,676	217	25,509
Georgia.....	37,429,120	52	55	65,452	84,255	84,374	96,259	22	132
Idaho.....	52,972,160	250	379	64,642	375,464	659,136	436,171	44	1,698
Illinois.....	35,798,400	1,695	1,433	3,909,049	5,032,682	5,091,364	5,370,825	872	17,869
Kansas.....	52,549,120	132	121	93,856	257,169	258,113	356,988	60	1,049
Louisiana.....	28,903,680	1,129	922	2,266,328	3,655,483	4,219,624	12,161,665	408	15,072
Maryland.....	6,323,840	126	93	-----	-----	183,337	323,815	30	139
Mississippi.....	30,238,720	273	441	1,601,444	2,988,496	2,890,618	3,023,744	367	9,218
Missouri.....	44,304,640	286	318	2,596,204	3,150,022	3,087,063	3,147,484	223	14,046
Montana.....	93,361,920	239	404	168,682	167,629	372,661	289,189	25	482
Nebraska.....	49,064,320	195	473	607,730	879,459	916,181	821,088	77	1,924
Nevada.....	70,264,960	44	82	15,940	162,980	153,373	251,154	5	194
New Jersey.....	4,814,080	-----	5	-----	-----	-----	11,206	5	39
New Mexico.....	77,767,040	169	223	140,219	176,292	305,885	244,961	5	393
New York.....	30,684,160	-----	14	-----	-----	-----	56,465	13	480
North Carolina.....	31,422,080	246	413	542,828	679,236	825,576	1,128,509	251	1,416
Oregon.....	61,641,600	338	1,087	4,000	211,182	348,825	418,858	50	1,983
South Carolina.....	19,395,200	24	45	140,031	208,249	204,366	249,011	37	383
Tennessee.....	26,750,080	155	151	363,671	593,560	601,592	615,838	48	437
Texas.....	168,648,320	180	543	2,166,128	2,883,356	4,218,850	5,794,786	96	11,688
Utah.....	52,701,440	240	471	113,823	156,052	202,058	302,158	29	919
Virginia.....	25,531,520	2	30	-----	15,042	15,714	45,460	28	111
Washington.....	42,743,040	375	533	94,924	367,242	405,709	431,613	120	1,416
Wisconsin.....	35,011,200	396	206	794,569	892,713	761,203	514,700	83	605
Wyoming.....	62,403,840	175	189	95,474	245,703	312,662	325,981	19	582
<b>Total 10 States <sup>5</sup></b>	337,758,080	(3)	(3)	43,213,765	47,720,374	47,094,801	52,033,141	(3)	65,504
Delaware.....	1,265,920	(3)	(3)	-----	-----	395,014	352,547	-----	120
Indiana.....	23,171,200	(3)	(3)	9,087,183	10,214,014	10,121,952	11,017,709	(3)	6,733
Iowa.....	35,868,800	(3)	(3)	5,224,478	6,137,649	6,164,344	6,734,863	(3)	13,704
Kentucky.....	25,512,960	(3)	(3)	358,480	585,625	465,270	959,892	(3)	802
Michigan.....	36,494,080	(3)	(3)	9,729,171	9,180,851	8,978,386	10,194,439	(3)	21,325
Minnesota.....	51,205,760	(3)	(3)	9,232,709	11,474,683	10,990,409	11,269,962	(3)	15,992
North Dakota.....	44,836,480	(3)	(3)	1,240,328	1,094,142	1,376,041	1,572,220	(3)	964
Ohio.....	26,240,000	(3)	(3)	8,107,204	8,165,494	7,729,267	8,923,362	(3)	5,117
Oklahoma.....	44,179,840	(3)	(3)	12,150	170,158	197,646	300,884	(3)	276
South Dakota.....	48,983,040	(3)	(3)	222,062	697,758	676,472	707,263	(3)	471

See footnotes at end of table.



No. 755.—NUMBER OF DRAINAGE ENTERPRISES, LAND IN ENTERPRISES, AND FINANCIAL DATA, BY STATES: 1920 TO 1950—Continued

STATE	CAPITAL INVESTED PRIOR TO DATE OF CENSUS (\$1,000)			COST OF CONSTRUCTION AND OPERATION AND MAINTENANCE, JAN. 1, 1940, TO DEC. 31, 1949 <sup>2</sup>				OUTSTANDING INDEBTEDNESS DEC. 31 OF YEAR PRECEDING CENSUS <sup>2</sup>			
	1920	1930	1940	Total		Cost of new works (for lands not previously drained)		1940		1950	
				Number of enterprises re- port- ing	Amount (\$1,000)	Number of enterprises re- port- ing	Amount (\$1,000)	Number of enterprises re- port- ing	Amount (\$1,000)	Number of enterprises re- port- ing	Amount (\$1,000)
<b>Total 40 States</b>	372, 274	680, 250	691, 725	(3)	179, 034	(3)	23, 872	4, 038	137, 745	(3)	63, 423
<b>Total 30 States <sup>4</sup></b>	188, 850	394, 682	411, 479	3, 426	110, 232	983	16, 288	1, 664	126, 542	696	52, 893
Alabama.....			410	8	70	7	59	1	41	1	8
Arizona.....	414	1, 875	1, 119					3	94		
Arkansas.....	14, 147	37, 533	39, 451	127	5, 540	28	392	139	13, 235	49	3, 806
California.....	47, 687	66, 452	70, 144	159	15, 927	16	135	90	17, 123	39	3, 808
Colorado.....	1, 082	4, 359	4, 890	47	773	5	23	38	1, 853	13	217
Florida.....	13, 847	45, 488	43, 357	207	18, 603	63	2, 707	94	32, 296	51	12, 760
Georgia.....	795	1, 919	2, 065	22	132	22	107	52	410	14	332
Idaho.....	1, 669	5, 112	7, 567	44	906	12	133	33	1, 906	19	563
Illinois.....	43, 595	74, 566	72, 567	892	16, 860	103	1, 217	158	6, 974	80	2, 859
Kansas.....	937	2, 701	3, 734	60	1, 117	10	279	20	1, 806	14	325
Louisiana.....	9, 022	20, 753	23, 362	392	16, 652	142	5, 316	140	10, 798	80	8, 685
Maryland.....			44	28	183	22	130			12	31
Mississippi.....	7, 076	23, 601	23, 260	345	5, 703	156	441	233	6, 688	92	3, 052
Missouri.....	20, 723	47, 340	49, 050	225	8, 282	9	114	169	8, 174	70	2, 658
Montana.....	665	1, 879	2, 828	25	462	9	168	17	1, 503	8	139
Nebraska.....	4, 589	6, 847	7, 579	75	1, 533	27	758	36	1, 279	6	204
Nevada.....	118	1, 350	1, 338	5	194	2	62	5	649	1	4
New Jersey.....				5	39	5	34				
New Mexico.....	1, 711	3, 279	5, 722	5	75			13	3, 901	3	77
New York.....				12	177	7	75			3	78
North Carolina.....	3, 624	4, 719	5, 468	250	1, 439	158	738	33	687	8	151
Oregon.....	200	4, 166	5, 482	50	2, 176	17	477	30	1, 782	19	841
South Carolina.....	582	1, 265	1, 241	33	319	27	207	24	636	7	40
Tennessee.....	2, 926	6, 367	6, 502	26	271	23	256	133	1, 898	3	3
Texas.....	5, 701	12, 003	14, 047	89	9, 534	32	1, 822	64	4, 574	24	10, 872
Utah.....	1, 005	4, 772	4, 869	30	837	13	29	18	2, 769	4	31
Virginia.....		242	201	28	111	27	96	2	129		
Washington.....	1, 397	4, 638	5, 333	131	1, 541	24	204	54	490	44	195
Wisconsin.....	4, 163	6, 207	4, 255	92	611	15	296	39	392	16	85
Wyoming.....	1, 176	5, 251	5, 595	14	163	2	12	26	4, 455	16	1, 069
<b>Total 10 States <sup>5</sup></b>	183, 424	285, 568	280, 245	(3)	68, 802	(3)	7, 584	2, 374	11, 203	(3)	10, 529
Delaware.....			455	(3)	173	(3)	3	6	1		
Indiana.....	31, 148	54, 111	47, 540	(3)	8, 206	(3)	786	266	429	(3)	221
Iowa.....	49, 627	77, 479	75, 374	(3)	13, 303	(3)	2, 143	277	1, 287	(3)	2, 499
Kentucky.....	1, 522	5, 358	4, 948	(3)	711	(3)	45	33	759	(3)	58
Michigan.....	24, 684	37, 677	40, 412	(3)	20, 236	(3)	2, 556	673	810	(3)	2, 477
Minnesota.....	42, 017	64, 140	65, 576	(3)	18, 311	(3)	1, 595	768	6, 035	(3)	3, 774
North Dakota.....	2, 208	3, 149	3, 673	(3)	890	(3)	245	5	184	(3)	183
Ohio.....	30, 680	36, 836	35, 216	(3)	6, 189	(3)	148	313	303	(3)	399
Oklahoma.....	76	2, 284	1, 971	(3)	299	(3)	62	13	262	(3)	197
South Dakota.....	1, 461	4, 535	5, 079	(3)	483	(3)		20	1, 133	(3)	722

<sup>1</sup> Including irrigation enterprises having their own drainage. An interstate enterprise is counted in each State in which a part is located, but is counted only once in the total.

<sup>2</sup> Data for irrigation enterprises not included in 1950.

<sup>3</sup> Not available.

<sup>4</sup> Largely States with organized drainage districts and other corporate and private enterprises.

<sup>5</sup> Largely county-drain States. See text, p. 609.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. IV.

No. 756.—NUMBER AND AREA OF DRAINAGE ENTERPRISES CLASSIFIED BY SIZE:  
1920 TO 1950

SIZE GROUP	Number of enterprises, 1950	AREA OF ENTERPRISES (acres) <sup>1</sup>						
		All drainage States			30 States <sup>2</sup>			
		1920	1930	1940	1920	1930	1940	1950
Total.....	14, 066	95, 629, 291	128, 495, 078	132, 828, 451	23, 657, 216	41, 644, 155	45, 207, 287	54, 617, 706
Under 100 acres.....	8, 273	{ 1,152,025	{ 324, 157	{ 525, 455	{ 12, 395	{ 2, 727	{ 4, 383	{ 603, 554
100 to 199 acres.....								
200 to 499 acres.....								
500 to 999 acres.....	1, 586	9, 091, 516	11, 130, 096	11, 234, 727	368, 736	910, 371	953, 935	1, 098, 279
1,000 to 1,999 acres.....	1, 398	{ 29,522,536	{ 34, 074, 009	{ 14, 558, 019	{ 3, 183, 867	{ 4, 998, 968	{ 1, 726, 342	{ 1, 962, 013
2,000 to 4,999 acres.....	1, 314							
5,000 to 9,999 acres.....	651							
10,000 to 19,999 acres.....	433	{ 23,826,149	{ 35, 075, 951	{ 16, 964, 180	{ 9, 423, 712	{ 14, 768, 991	{ 6, 041, 949	{ 6, 003, 783
20,000 to 49,999 acres.....	268							
50,000 to 99,999 acres.....	87							
100,000 to 199,999 acres.....	25	{ 4, 850, 978	{ 10, 218, 995	{ 5, 925, 431	{ 2, 868, 617	{ 6, 304, 255	{ 3, 794, 141	{ 3, 566, 263
200,000 to 499,999 acres.....	19							
500,000 acres and over.....	12							

<sup>1</sup> The sum of the areas in the individual enterprises without deduction for area in more than one enterprise (overlapped).  
<sup>2</sup> Largely States with organized drainage districts and other corporate and private enterprises. See text, p. 609.  
Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. IV.

No. 757.—FEDERAL RECLAMATION IRRIGATION PROJECTS—ACREAGE AND CROP VALUE: 1939 TO 1953

[In thousands. Comprises projects constructed by United States and those for which supplemental water is furnished from storage works built by United States]

YEAR	ENTIRE AREA				WARREN ACT LAND <sup>1</sup>			REGULAR AND SUPPLEMENTAL WATER PROJECTS			
	Irrigable acreage	Irrigated acreage	Net area in cultivation	Crop value	Irrigated acreage	Net area in cultivation	Crop value	Irrigable acreage	Irrigated acreage	Net area in cultivation	Crop value
1939.....	3, 890	3, 141	3, 078	\$114, 083	1, 218	1, 175	\$40, 313	2, 493	1, 923	1, 903	\$73, 770
1940.....	4, 180	3, 391	3, 316	117, 789	1, 238	1, 177	37, 690	2, 769	2, 153	2, 139	80, 098
1941.....	4, 946	3, 339	3, 380	159, 886	1, 140	1, 202	49, 486	2, 850	2, 199	2, 178	110, 400
1942.....	4, 849	3, 881	3, 822	272, 049	1, 603	1, 562	116, 429	3, 392	2, 278	2, 260	155, 620
1943.....	4, 854	4, 055	4, 014	388, 671	1, 633	1, 615	170, 607	2, 882	2, 422	2, 399	218, 064
1944.....	4, 940	4, 164	4, 139	411, 226	1, 695	1, 664	186, 543	2, 916	2, 469	2, 475	224, 683
1945.....	5, 030	4, 163	4, 196	435, 184	1, 746	1, 731	202, 639	2, 958	2, 417	2, 465	232, 545
1946.....	5, 151	4, 322	4, 397	530, 624	1, 808	1, 830	250, 913	3, 038	2, 514	2, 567	279, 711
1947.....	5, 167	4, 462	4, 554	555, 420	1, 832	1, 871	254, 946	3, 092	2, 630	2, 683	300, 475
1948.....	5, 380	4, 559	4, 700	534, 624	1, 894	1, 939	257, 463	3, 221	2, 665	2, 760	277, 161
1949.....	5, 679	4, 821	4, 916	516, 329	2, 028	2, 067	238, 981	3, 296	2, 792	2, 849	277, 348
1950.....	6, 025	5, 077	5, 189	578, 238	2, 220	2, 271	290, 554	3, 398	2, 857	2, 918	287, 684
1951.....	6, 713	5, 876	5, 942	821, 722	2, 280	2, 318	376, 314	4, 049	3, 596	3, 624	445, 408
1952.....	6, 994	5, 956	6, 026	935, 680	2, 312	2, 345	431, 135	4, 265	3, 644	3, 681	504, 545
1953.....	7, 148	6, 098	6, 192	785, 940	2, 369	2, 407	368, 149	4, 355	3, 728	3, 785	417, 791

<sup>1</sup> Warren Act contracts are those which provide for sale of excess water to irrigation districts, i. e., water over and above project requirements. Lands served are usually located outside project proper. The act also provides for joint construction and financing of irrigation works by Federal Government and irrigation districts.  
Source: Department of the Interior, Bureau of Reclamation; *Annual Report of Secretary* and official records.



## No. 758.—FEDERAL BUREAU OF RECLAMATION IRRIGATION PROJECTS—ACREAGE AND CROP VALUE, BY PROJECT: 1953

STATE AND PROJECT	WATER SUPPLY PROJECTS CONSTRUCTED OR REHABILITATED						SPECIAL AND WARREN ACT CONTRACTORS RECEIVING WATER FROM BUREAU-CONSTRUCTED WORKS 1		
	Full supply			Supplemental supply			Irrigable acreage 2	Acreage in cultivation	Crop value (\$1,000)
	Irrigable acreage 2	Acreage in cultivation	Crop value (\$1,000)	Irrigable acreage 2	Acreage in cultivation	Crop value (\$1,000)			
<b>Total 3</b> .....	2, 852, 697	2, 517, 517	312, 279	1, 254, 423	1, 158, 695	96, 788	2, 792, 617	2, 407, 453	368, 149
Arizona:									
Gila.....	49, 232	42, 376	8, 799				1, 769	1, 615	246
Salt River.....	241, 322	226, 672	57, 501				95, 755	79, 375	22, 374
Yuma Auxiliary.....	3, 384	2, 112	561						
Arizona-California: Yuma.....	66, 575	58, 973	18, 552						
California:									
Boulder Canyon.....	70, 200	47, 370	14, 363				530, 000	445, 000	85, 544
Central Valley.....							838, 907	634, 103	136, 299
Orland.....	19, 431	17, 261	1, 601						
Colorado:									
Colorado-Big Thompson.....				615, 000	615, 000	59, 238			
Fruitgrowers Dam.....				2, 678	2, 078	178			
Grand Valley.....	32, 349	29, 572	3, 508				9, 045	7, 675	2, 050
Manecos.....				8, 598	7, 588	210			
Paonia.....	11, 500	9, 070	568						
Pine River.....				37, 446	34, 632	820			
Pine River Indian Irrig.....				9, 810	9, 780	223			
Uncompahgre.....	64, 784	53, 679	3, 840				16, 176	15, 954	550
Idaho:									
Lewiston Orchards.....	3, 524	2, 234	576						
Preston Bench.....				6, 738	4, 181	374			
Idaho-Oregon: Boise.....	224, 064	199, 100	15, 217				132, 197	123, 400	10, 086
Idaho-Washington:									
Rathdrum Prairie.....	4, 196	3, 460	280						
Idaho-Wyoming: Minidoka.....	217, 665	193, 971	16, 056	112, 000	100, 567	8, 233	747, 530	712, 034	55, 906
Montana:									
Bitter Root.....	16, 665	16, 517	496						
Buffalo Rapids.....	22, 695	22, 137	994						
Frenchtown.....	4, 806	3, 871	171						
Huntley.....	19, 530	17, 284	1, 144						
Intake.....	847	573	18						
Milk River.....	77, 480	60, 092	2, 002						
Missoula Valley.....	977	770	17						
Missouri River Basin:									
Yellowstone Division:									
Savage Unit.....	2, 216	2, 015	61						
Sun River.....	90, 579	84, 804	2, 111						
Montana-North Dakota:									
Lower Yellowstone.....	51, 844	48, 161	2, 625						
Nebraska:									
Mirage Flats.....	11, 657	11, 312	1, 164						
Missouri River Basin:									
Bostwick Division:									
Superior-Courtland Unit.....	7, 700	4, 376	308						
Frenchman-Cambridge Division.....	16, 200	10, 390	620						
Nebraska-Wyoming:									
North Platte.....	223, 768	205, 998	17, 240				108, 715	106, 664	11, 474
Nevada:									
Humboldt.....				37, 446	29, 363	1, 940			
Newlands.....	69, 267	53, 694	2, 262						
Nevada-California:									
Truckee Storage.....				29, 366	22, 986	1, 629			
New Mexico:									
Carlsbad.....	25, 055	23, 108	3, 318						
Fort Sumner.....	6, 500	5, 368	509						
Tucumcari.....	42, 214	35, 783	1, 716						
New Mexico-Texas:									
Rio Grande.....	4 136, 402	149, 197	38, 075				18, 330	18, 330	2, 687
North Dakota:									
Buford-Trenton.....	9, 461	9, 331	330						
Oklahoma: W. C. Austin.....	47, 810	46, 831	1, 684						
Oregon:									
Arnold.....	4, 248	2, 686	228						
Baker.....				7, 312	7, 305	211			
Burnt River.....				15, 291	15, 240	434			
Deschutes.....	50, 000	48, 137	5, 717	46, 739	42, 032	3, 991			
Grants Pass.....	10, 124	6, 946	902				2, 520		
Ochoco.....	8, 500	8, 292	490						
Umatilla.....	18, 157	13, 471	639	14, 270	10, 964	932			
Vale.....	32, 000	31, 484	1, 819						

See footnotes at end of table.

No. 758.—FEDERAL BUREAU OF RECLAMATION IRRIGATION PROJECTS—ACREAGE AND CROP VALUE, BY PROJECT 1953—Continued

STATE AND PROJECT	WATER SUPPLY PROJECTS CONSTRUCTED OR REHABILITATED						SPECIAL AND WARREN ACT CONTRACTORS RECEIVING WATER FROM BUREAU-CONSTRUCTED WORKS <sup>1</sup>		
	Full supply			Supplemental supply			Irrigable acreage <sup>2</sup>	Acreage in cultivation	Crop value (\$1,000)
	Irrigable acreage <sup>2</sup>	Acreage in cultivation	Crop value (\$1,000)	Irrigable acreage <sup>2</sup>	Acreage in cultivation	Crop value (\$1,000)			
Oregon-California: Klamath	83,019	78,166	9,544	-----	-----	-----	92,386	86,123	7,108
Oregon-Idaho: Owyhee	103,733	98,126	8,388	-----	-----	-----	13,800	12,860	1,718
South Dakota:									
Belle Fourche	56,178	54,158	1,372	-----	-----	-----			
Missouri River Basin:									
Cheyenne Division:									
Angostura Unit	5,207	5,166	107	-----	-----	-----			
Rapid Valley	-----	-----	-----	8,900	7,211	185	-----	-----	-----
Texas: Balmorhea	-----	-----	-----	10,608	7,782	935	-----	-----	-----
Utah:									
Hyrum	-----	-----	-----	6,693	5,684	341	-----	-----	-----
Moon Lake	-----	-----	-----	75,256	58,796	1,013	-----	-----	-----
Newton	-----	-----	-----	2,553	1,918	124	-----	-----	-----
Ogden River	-----	-----	-----	22,859	16,266	1,691	-----	-----	-----
Provo River	-----	-----	-----	46,609	40,488	3,463	-----	-----	-----
Sanpete	-----	-----	-----	13,653	12,911	566	-----	-----	-----
Seofield	-----	-----	-----	15,609	15,009	827	-----	-----	-----
Strawberry Valley	40,348	37,848	2,474	-----	-----	-----	3,726	3,627	280
Weber River	-----	-----	-----	108,989	90,914	9,230	-----	-----	-----
Washington:									
Columbia Basin	131,983	65,292	9,050	-----	-----	-----	-----	-----	-----
Okanogan	5,346	3,894	1,417	-----	-----	-----	-----	-----	-----
Yakima	262,212	225,485	45,604	-----	-----	-----	181,761	160,693	31,827
Wyoming:									
Kendrick	16,475	11,966	404	-----	-----	-----	-----	-----	-----
Riverton	49,952	47,452	2,014	-----	-----	-----	-----	-----	-----
Shoshone	84,790	76,486	3,823	-----	-----	-----	-----	-----	-----

<sup>1</sup> Includes acreage provided either a full or supplemental irrigation water supply under the Warren Act and other special service contracts.

<sup>2</sup> Area for which the Bureau is prepared to supply water. In addition to the irrigable area for service shown for full-supply projects, there were 136,501 acres of temporarily suspended land, 1,474 acres of idle and fallow land in Humboldt Project, Nev., and 109,816 acres of leased and water rental land.

<sup>3</sup> In addition, crops valued at \$8,723,622 were grown in 1953 on 108,751 cultivated acres of land temporarily suspended from construction charges and leased and water rental lands.

<sup>4</sup> Although there are 178,102 acres that can be irrigated within project limits, area for which there is considered to be safe and reliable water supply is 155,000 acres, less temporarily suspended land of 18,598 acres.

Source: Department of the Interior, Bureau of Reclamation; 1953 Crop Summary and Related Data, Federal Reclamation Projects.

No. 759.—FEDERAL RECLAMATION IRRIGATION PROJECTS—CHARGES AND RENTALS, BY PROJECT: CUMULATIVE TO JUNE 30, 1954

In thousands of dollars. Total is cumulative from inception of program; data by project for fiscal year only]

STATE AND PROJECT	CONSTRUCTION CHARGES			OPERATION AND MAINTENANCE CHARGES			RENTALS OF IRRIGATION WATER		
	Amount due	Amount paid	Due and unpaid	Amount due	Amount paid	Due and unpaid	Amount due	Amount paid	Due and unpaid
<b>Total</b>	113,970	113,054	916	63,692	63,576	116	35,621	34,523	1,098
Arizona:									
Gila	-----	-----	-----	-----	-----	-----	582	531	51
Salt River	485	485	-----	-----	-----	-----	-----	-----	-----
Arizona-California:									
All-American Canal System	-----	-----	-----	41	41	-----	-----	-----	-----
Yuma and Yuma Aux.	76	74	2	168	98	70	2	2	-----
California:									
Cachuma	-----	-----	-----	-----	-----	-----	56	56	-----
Central Valley	-----	-----	-----	-----	-----	-----	3,394	2,620	774
Kings River	-----	-----	-----	-----	-----	-----	138	25	113
Orland	54	43	11	124	118	6	-----	-----	-----
Colorado:									
Colo.-Big Thompson	-----	-----	-----	-----	-----	-----	530	530	-----
Fruitgrowers Dam	6	6	-----	-----	-----	-----	-----	-----	-----
Grand Valley	72	72	-----	-----	-----	-----	23	23	-----
Mancos	-----	-----	-----	8	8	-----	-----	-----	-----
Pine River	38	35	3	8	8	-----	-----	-----	-----
Sans Luis Valley	-----	-----	-----	2	-----	-----	-----	-----	-----
Uncompahgre	60	60	-----	-----	-----	-----	3	3	-----



No. 759.—FEDERAL RECLAMATION IRRIGATION PROJECTS—CHARGES AND RENTALS,  
BY PROJECT: CUMULATIVE TO JUNE 30, 1954—Continued

[In thousands of dollars]

STATE AND PROJECT	CONSTRUCTION CHARGES			OPERATION AND MAINTENANCE CHARGES			RENTALS OF IRRIGATION WATER		
	Amount due	Amount paid	Due and unpaid	Amount due	Amount paid	Due and unpaid	Amount due	Amount paid	Due and unpaid
Idaho:									
Boise	420	392	28	34	34	(1)	276	226	50
Lewiston Orchards	21	21							
Minidoka	337	336	1	91	91		(1)	(1)	(1)
Rathdrum Prairie	7	7		3	3				
Montana:									
Bitter Root	13	13							
Frenchtown	7	7							
Huntley	39	39							
Intake	1	1							
Milk River	254	251	3	28	26	2	5	5	
Missoula Valley				2	2				
Missouri River Basin				6	6				
Sun River	117	117		5	5				
Montana-North Dakota:									
Lower Yellowstone	148	148							
Nebraska: Mirage Flats	1	1							
Missouri River Basin							49	49	
Nebraska-Wyoming:									
North Platte	14	13	1	97	91	6			
Nevada: Humboldt	34	34							
Newlands	46	46							
Truckee Storage	25	25							
New Mexico: Carlsbad	64	64		10	10				
Fort Sumner	30	30							
Tucumcari							25	25	
New Mexico-Texas:									
Rio Grande	223	223		1,044	1,044				
North Dakota:									
Missouri River Basin							15	15	
Oklahoma: W. C. Austin	82	76	6	3	3				
Oregon: Arnold	10	7	3						
Baker	6	6							
Burnt River	15	15							
Deschutes	26	26					198	198	
Grants Pass	2	2							
Umatilla	20	3	17	(1)	(1)	5	17	17	
Vale	27	27		5	5				
Oregon-California:									
Klamath	127	127	(1)	236	235	1	215	208	7
Oregon-Idaho: Owyhee	228	176	52	26	26				
South Dakota:									
Belle Fourche	39	39							
Rapid Valley	13	13		5	5				
Texas: Balmorhea	3	3							
Utah: Hyrum	17	17							
Moon Lake	40	40							
Newton	9	9							
Ogden River	81	81		6	6		122	122	
Provo River									
Salt Lake Basin	88	88							
Sanpete	9	9							
Scofield	5	5							
Strawberry Valley	75	75							
Washington:									
Columbia Basin	20	19	1				491	491	
Okanogan	20	20							
Yakima	396	352	44	331	316	15			
Wyoming: Eden				22	17	5			
Kendrick							57	57	
Riverton	45	45					25	24	1
Shoshone	137	137		4	4		74	72	2
Total, prior years	109,905	108,872	1,033	61,383	61,221	162	29,324	29,112	212
Prior year matured charges liquidated in fiscal year 1954	2 67	222	2 289		153	2 153		112	2 112

<sup>1</sup> Less than \$500.

<sup>2</sup> Credit.

Source: Department of the Interior, Bureau of Reclamation; official records.

**No. 760.—HYDROELECTRIC PLANTS ON RECLAMATION PROJECTS, OPERATING AND UNDER CONSTRUCTION, AS OF JUNE 30, 1954**

STATE AND PROJECT	Plant	Year of initial operation	NAME PLATE CAPACITY (KW.)	
			Existing	Ultimate
<b>Total</b>			4,996,777	18,067,227
<b>Constructed and operated by Bureau of Reclamation, total.</b>			4,718,450	4,846,450
Arizona-Nevada: Boulder Canyon	Hoover <sup>2</sup>	1936	1,249,800	1,354,300
Davis Dam	Davis	1951	225,000	225,000
Parker	Parker	1942	120,000	120,000
California: Central Valley	Keswick	1949	75,000	75,000
	Shasta	1944	379,000	379,000
Yuma	Siphon Drop	1926	1,600	1,600
Colorado: Colorado-Big Thompson	Estes	1950	45,000	45,000
	Flatiron	1954	71,500	71,500
	Green Mountain	1943	21,600	21,600
	Marys Lake	1951	8,100	8,100
	Polehill	1954	33,250	33,250
Idaho: Boise	Anderson Ranch	1950	27,000	30,500
	Black Canyon	1925	8,000	8,000
	Boise Diversion	1912	1,500	1,500
Minidoka	Minidoka	1909	13,400	13,400
Montana: Missouri River Basin	Canyon Ferry	1953	50,000	50,000
Hungry Horse	Hungry Horse	1952	285,000	285,000
New Mexico: Rio Grande	Elephant Butte	1940	24,300	24,300
South Dakota: Missouri River Basin	Angostura	1951	1,200	1,200
Washington: Columbia Basin	Grand Coulee <sup>4</sup>	1941	1,974,000	1,974,000
Yakima	Prosser	1932	2,400	2,400
Wyoming: Kendrick	Seminole	1939	32,400	32,400
Missouri River Basin	Boysen	1952	15,000	15,000
	Kortes	1950	36,000	36,000
North Platte and Missouri River Basin	Guernsey	1927	4,800	14,800
North Platte	Lingle	1919	1,400	1,400
Riverton	Pilot Butte	1925	1,600	1,600
Shoshone	Heart Mountain	1948	5,000	5,000
	Shoshone	1922	5,600	5,600
<b>Constructed by Bureau of Reclamation but operated by others, total.</b>			30,827	30,827
Arizona: Salt River	Arizona Falls <sup>5</sup>	1913	850	850
	Cross Cut <sup>5</sup>	1914	5,100	5,100
	Roosevelt	1909	15,400	15,400
	S. Consolidated <sup>5</sup>	1912	1,600	1,600
Colorado: Grand Valley	Grand Valley (Palisade)	1932	3,000	3,000
Nevada: Newlands	Lahontan	1911	1,640	1,640
Oregon: Deschutes	Cove	1946	1,500	1,500
Utah: Strawberry Valley	Spanish Fork <sup>6</sup>	1908	1,550	1,550
Washington: Yakima	Roeky Ford <sup>7</sup>	1916	187	187
<b>Constructed and operated by water users organizations, total.</b>			82,500	82,500
Arizona: Salt River	Chandler <sup>8</sup>	1919	600	600
	Horse Mesa <sup>8</sup>	1927	30,000	30,000
	Mormon Flat <sup>8</sup>	1926	7,000	7,000
California: All-American	Stewart Mountain <sup>8</sup>	1930	10,400	10,400
Oregon: Klamath	Drop Nos. 3 and 4 <sup>9</sup>	1941	34,000	34,000
<b>Constructed and operated by Army Engineers, total <sup>11</sup></b>	"C" Canal Drop <sup>10</sup>	1938	500	500
Montana: Fort Peck	Fort Peck	1943	165,000	505,000
South Dakota: Missouri River Basin	Fort Randall	1954	85,000	185,000
<b>Under construction by Bureau of Reclamation, total</b>			80,000	320,000
Alaska: Eklutna	Eklutna	1954		367,500
California: Central Valley	Folsom	1955		30,000
	Nimbus	1955		162,000
Idaho: Palisades	Palisades	1957		13,500
Washington: Yakima-Kennewick Division	Chandler	1955		114,000
Wyoming: Kendrick	Alcova	1954		12,000
<b>Under construction by Army Engineers, total <sup>12</sup></b>				36,000
North Dakota: Missouri River Basin	Garrison	1955		925,000
South Dakota: Missouri River Basin	Gavins Point	1956		400,000
	Oahe	1961		100,000
				425,000

<sup>1</sup> Includes 1,309,950 kilowatt capacity of 34 additional plants authorized but not under construction.

<sup>2</sup> Power plant units operated by power allottees under agency contract.

<sup>3</sup> 27,000 kilowatts authorized; space provided in plant for additional generator.

<sup>4</sup> Power marketed by Bonneville Power Administration.

<sup>5</sup> Power plant constructed by Bureau of Reclamation with Salt River Valley Water Users' Association funds.

<sup>6</sup> Three plants: (a) Spanish Fork (upper); (b) Spanish Fork (lower); (c) Payson.

<sup>7</sup> Plant now idle. <sup>8</sup> Salt River Valley Water Users' Association's plant.

<sup>9</sup> Imperial Irrigation District's plant. <sup>10</sup> Enterprise Irrigation District's plant.

<sup>11</sup> Power marketed by Bureau of Reclamation.

<sup>12</sup> Power to be marketed by Bureau of Reclamation.

Source: Department of the Interior, Bureau of Reclamation; official records.



## No. 761.—GROWTH OF CONSERVATION DISTRICTS: 1938 TO 1954

[Beginning 1946, figures include Imperial Irrigation District, California. See text, p. 610]

YEAR ENDING JUNE 30	DISTRICTS ORGANIZED		TOTAL AREA IN DISTRICTS		DISTRICTS WITH SUPPLEMENTAL MEMORANDUMS	
	Each year	Cumulative total	New districts and additions	Cumulative total	Each year	Cumulative total
	Number	Number	1,000 acres	1,000 acres	Number	Number
1938.....	69	69	36, 107	36, 107	34	34
1939.....	92	161	52, 339	88, 446	79	113
1940.....	153	314	101, 306	189, 752	120	233
1941 <sup>1</sup> .....	241	555	145, 091	334, 843	201	434
1942.....	230	785	122, 727	457, 570	219	653
1943.....	116	901	60, 102	517, 672	159	812
1944.....	213	1, 114	102, 819	620, 491	171	983
1945 <sup>2</sup> .....	232	1, 346	120, 368	740, 859	221	1, 204
1946.....	292	1, 638	143, 119	883, 977	223	1, 427
1947.....	251	1, 889	118, 991	1, 002, 969	315	1, 742
1948.....	144	2, 033	111, 035	1, 114, 003	174	1, 916
1949.....	131	2, 164	64, 760	1, 178, 763	158	2, 074
1950.....	121	2, 285	74, 721	1, 253, 484	133	2, 207
1951.....	88	2, 373	51, 626	1, 305, 110	122	2, 329
1952.....	94	2, 467	53, 803	1, 358, 913	89	2, 418
1953.....	82	2, 549	45, 076	1, 403, 989	59	2, 477
1954.....	69	2, 618	37, 507	1, 441, 496	104	2, 581

<sup>1</sup> Beginning 1941, includes wind-erosion districts and grazing districts.<sup>2</sup> Beginning 1945, totals at end of each year are net, including corrections and adjustments made during year.Source: Department of Agriculture, Soil Conservation Service; *Report of Chief of Soil Conservation Service.*

## No. 762.—CONSERVATION PRACTICES NEWLY APPLIED IN CONSERVATION DISTRICTS, WITH SOIL CONSERVATION SERVICE ASSISTANCE: 1950 TO 1954

[For years ending June 30. See text, p. 610]

PRACTICE	Unit	1950	1951	1952	1953	1954
Contour farming.....	Acres.....	3, 491, 511	3, 185, 039	2, 910, 867	3, 342, 055	4, 127, 109
Cover cropping.....	do.....	3, 111, 387	2, 809, 720	3, 296, 085	3, 651, 549	4, 839, 091
Strip cropping.....	do.....	829, 200	880, 383	805, 125	790, 610	930, 235
Seeding range and pasture.....	do.....	1, 876, 832	2, 306, 365	2, 920, 412	2, 902, 820	3, 008, 406
Farm and ranch ponds.....	Number..	37, 780	37, 843	61, 578	60, 497	64, 521
Tree planting.....	Acres.....	126, 784	167, 435	154, 883	248, 271	266, 033
Terraces.....	Miles.....	100, 612	78, 006	66, 853	51, 064	47, 791
Diversions.....	do.....	5, 892	5, 420	5, 526	5, 682	4, 808
Farm drainage.....	Acres.....	1, 161, 402	1, 173, 582	1, 314, 682	1, 560, 377	1, 577, 760
Irrigation land preparation.....	do.....	315, 519	384, 690	407, 851	417, 961	375, 093
Improved water application.....	do.....	617, 606	616, 371	538, 373	784, 407	949, 680

Source: Department of Agriculture, Soil Conservation Service; *Report of Chief of Soil Conservation Service.*

# No. 763.—SOIL CONSERVATION DISTRICTS—SUMMARY, BY STATES AND OTHER AREAS: CUMULATIVE TO JUNE 30, 1954

[See text, p. 610]

STATE OR OTHER AREA	Date district law became effective	Districts organized <sup>1</sup>	APPROXIMATE AREA AND FARMS WITHIN ORGANIZED DISTRICTS			Districts having memo. of understanding with D. of A. <sup>2</sup>	SOIL CONSERVATION DISTRICT COOPERATORS <sup>3</sup>	
			Total area	Farms and ranches	Land in farms		Cooperators	Total area
			Number 1,000 acres	Number 1,000 acres	Number 1,000 acres		Number	1,000 acres
<b>Total</b> .....		<b>2,618</b>	<b>1,441,496</b>	<b>4,802,627</b>	<b>952,622</b>	<b>2,586</b>	<b>1,454,287</b>	<b>423,690</b>
<b>Continental U. S.</b> .....		<b>2,577</b>	<b>1,432,544</b>	<b>4,743,731</b>	<b>949,679</b>	<b>2,546</b>	<b>1,439,224</b>	<b>422,290</b>
Alabama.....	Mar. 18, 1939	12	32,690	211,512	20,889	12	56,085	9,707
Arizona.....	June 16, 1941	45	1,459	8,957	1,459	45	4,605	1,032
Arkansas.....	July 1, 1937	71	33,201	176,377	18,445	71	58,582	12,289
California <sup>4</sup> .....	June 26, 1938	100	32,532	72,762	15,509	98	19,618	5,428
Colorado.....	May 6, 1937	98	37,071	41,113	24,112	97	14,431	12,608
Connecticut.....	July 18, 1945	8	3,135	15,615	1,272	8	3,701	413
Delaware.....	Apr. 2, 1943	3	1,266	9,079	851	3	1,768	275
Florida.....	June 10, 1937	57	28,268	53,328	15,006	57	17,843	7,616
Georgia.....	Mar. 23, 1937	27	37,225	196,888	25,657	27	88,671	16,808
Idaho.....	Mar. 9, 1939	39	29,254	25,435	8,687	37	11,660	4,424
Illinois.....	July 9, 1937	97	32,528	188,656	30,101	97	37,837	6,541
Indiana.....	Mar. 11, 1937	64	15,602	107,448	13,044	63	20,928	3,094
Iowa.....	July 4, 1939	100	34,265	203,159	34,265	100	47,456	8,643
Kansas.....	Apr. 10, 1937	105	52,549	131,990	50,706	104	58,711	19,242
Kentucky.....	June 11, 1940	122	25,435	216,390	19,392	122	73,669	8,991
Louisiana.....	July 27, 1938	26	27,939	123,475	11,134	26	31,732	6,817
Maine.....	Mar. 25, 1941	15	16,485	28,910	4,000	15	7,479	1,368
Maryland.....	June 1, 1937	23	6,099	35,222	3,914	23	13,719	2,002
Massachusetts.....	June 28, 1945	15	5,000	22,178	1,660	15	6,180	679
Michigan.....	July 23, 1937	70	26,295	134,982	15,097	70	25,355	3,236
Minnesota.....	Apr. 26, 1937	65	23,208	110,048	20,136	61	23,575	4,558
Mississippi.....	Apr. 4, 1938	74	30,231	251,255	20,704	74	59,494	10,090
Missouri.....	July 23, 1943	31	8,709	56,853	8,709	31	10,147	2,048
Montana <sup>5</sup> .....	Feb. 28, 1939	79	83,677	33,136	50,304	76	12,493	25,358
Nebraska.....	May 18, 1937	87	48,434	107,147	48,013	87	46,126	15,891
Nevada.....	Mar. 30, 1937	29	53,898	2,275	6,327	27	1,660	1,887
New Hampshire.....	May 10, 1945	10	5,771	13,391	1,714	10	4,179	716
New Jersey.....	July 1, 1937	12	4,785	24,838	1,725	12	6,110	708
New Mexico.....	Mar. 17, 1937	60	57,572	27,027	40,468	60	11,775	25,277
New York.....	July 20, 1940	40	20,378	95,139	12,542	40	30,921	4,266
North Carolina.....	Mar. 22, 1937	36	31,180	287,416	19,268	36	71,530	7,362
North Dakota.....	Mar. 16, 1937	79	43,631	67,735	39,592	79	27,350	17,234
Ohio.....	June 5, 1941	84	23,931	188,120	19,940	84	29,925	4,268
Oklahoma.....	Apr. 15, 1937	86	43,572	140,488	35,411	83	74,918	18,996
Oregon.....	Apr. 7, 1939	46	30,280	33,197	12,717	46	6,744	4,089
Pennsylvania.....	July 2, 1937	30	13,013	75,078	7,006	30	18,582	2,281
Rhode Island.....	Apr. 26, 1943	3	677	2,598	191	3	995	119
South Carolina.....	Apr. 17, 1937	44	19,395	139,364	12,475	44	37,784	6,388
South Dakota.....	July 1, 1937	61	32,155	55,582	32,155	60	27,598	16,615
Tennessee.....	Mar. 10, 1939	74	21,369	185,609	15,533	72	31,087	4,412
Texas <sup>6</sup> .....	Apr. 24, 1939	166	158,298	324,325	135,670	163	159,257	79,452
Utah.....	Mar. 23, 1937	48	47,584	29,197	13,313	47	10,164	5,744
Vermont.....	Apr. 18, 1939	13	5,931	19,043	3,527	13	8,991	1,771
Virginia.....	Apr. 1, 1938	27	24,347	145,418	14,845	27	33,977	5,681
Washington.....	Mar. 17, 1939	75	37,275	68,771	15,598	74	25,964	9,024
West Virginia.....	June 12, 1939	14	15,272	81,134	8,171	14	30,796	4,176
Wisconsin.....	July 1, 1937	67	32,784	166,653	22,931	65	32,177	5,140
Wyoming.....	May 22, 1941	40	36,889	9,478	15,504	38	4,875	7,526
Alaska.....	Mar. 25, 1947	9	4,391	924	104	8	289	37
Hawaii.....	May 19, 1947	13	2,291	3,702	983	13	695	607
Puerto Rico.....	July 1, 1946	17	2,185	53,515	1,792	17	13,586	699
Virgin Islands.....	June —, 1946	2	85	755	64	2	493	57

<sup>1</sup> For specific procedure on organization of soil conservation districts, see respective State soil conservation district law. By provision of most State district laws, State soil conservation committee has responsibility for organization of districts. Local district governing bodies administer affairs of each individual district.

<sup>2</sup> Soil Conservation Service furnishes technical and other assistance to practically all districts that have entered into memorandums of understanding with Department of Agriculture.

<sup>3</sup> Comprises all farmer-district cooperative agreements for initial, advanced and basic conservation plans (formerly shown as active conservation plans only, not including initial and advanced agreements). Cancellations caused by death, change in ownership, or mutual consent have been deducted. Data on plans and treated areas included only work done through farmer-district cooperative agreements since Aug. 1937 with assistance of Soil Conservation Service.

<sup>4</sup> Includes Imperial Irrigation District.

<sup>5</sup> Includes 20 State cooperative grazing districts.

<sup>6</sup> Includes 4 wind-erosion districts.

Source: Department of Agriculture, Soil Conservation Service; Report of Chief of Soil Conservation Service.



## 24. Agriculture—General Statistics

Statistics on agriculture are for the most part prepared by the Bureau of the Census, Department of Commerce, which conducts a Census of Agriculture, and by the Department of Agriculture which prepares current annual estimates.

Beginning with 1840 a Census of Agriculture has been taken every 10 years in conjunction with the Decennial Census of Population. In 1925, 1935, 1945, and 1954 a middecennial Census of Agriculture has also been taken. Information at each census has been obtained by a personal canvass of individual farms by census enumerators. The first Census of Agriculture was limited in scope. It included such items as an inventory of the principal classes of domestic animals, the production of wool, the value of poultry, the value of products of the dairy, and the production of the principal crops. The number of farms and the acreage and value of farm land were first included in the Census of 1850. In 1880 information was first secured as to the tenure under which the farms were operated. A detailed classification of farm land according to use was first obtained in 1925; in earlier censuses, farm land was classified only as improved land, woodland, and other unimproved land.

A farm as defined by the Bureau of the Census is all the land on which some agricultural operations are performed by a person, either by his own labor alone or with the assistance of members of his household, or hired employees. In 1950, places of 3 or more acres were counted as farms only if agricultural products, exclusive of a home garden, with a value of \$150 or more were produced in 1949. Also, in 1950, places of less than 3 acres were counted as farms only if the value of agricultural products sold in 1949 amounted to \$150 or more. In each census from 1925 to 1945, places of 3 or more acres were counted as farms if any agricultural products, other than a small home garden, were produced during the preceding year while places of less than 3 acres were counted as farms if the agricultural production was valued at \$250 or more. (For definitions used in earlier censuses, see *U. S. Census of Agriculture: 1950*, Vol. II, Introduction.)

Agricultural operations consist of the production of crops or plants, vines, or trees (excluding forestry operations), or of the keeping, grazing, or feeding of livestock for animal products, animal increase, or value enhancement. Included as farms are such agricultural enterprises as nurseries, greenhouses, hothouses, fur farms, mushroom houses, apiaries, and cranberry bogs. Excluded are fish farms, fish hatcheries, oyster farms, frog farms, kennels, game preserves, parks, and the like. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a farm for census purposes. Thus, for a plantation, each cropper and tenant operation is considered a separate farm even though the entire plantation may be handled essentially as a single farm enterprise.

The land in farms includes considerable areas of land not actually under cultivation or used for pasture or grazing, but all such land must have been under the control of the operator and considered a part of his farm. Land used for grazing or pasture that was neither owned nor leased by the farm operator generally was not included under land in farms. Rent-free lands were included in an operator's farm only if he had sole use of such lands. Thus vast acreages of land used for grazing, such as national forests, Taylor grazing land, State lands, or other public lands, and some railroad and other privately owned lands, are not included as land in farms even though used for agricultural purposes.

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Note.—This section presents data for the most recent year or period available on May 2, 1955, when the material was organized and sent to the printer.

Information on prices received by farmers for products they sell and prices paid for articles they buy for production and family living are obtained by the Agricultural Marketing Service from about 33,000 voluntary reporters, which include farmers, local merchants, and handlers of agricultural products. Season average prices received by farmers are calculated by weighting midmonth prices by monthly sales during the crop marketing season, beginning with the first month when a particular crop harvest begins.

The index numbers of prices received and of prices paid by farmers (see tables 781 and 784) are based on current midmonth prices for these commodities. For information concerning methods of construction of the indexes, see Supplement No. 1 to the January 1950 issue of *Agricultural Prices*, issued by the Agricultural Marketing Service. The ratio of the index of prices received to the index of prices paid by farmers measures the monthly variation in the average per unit exchange value of farm products in terms of commodities and services bought by farmers.

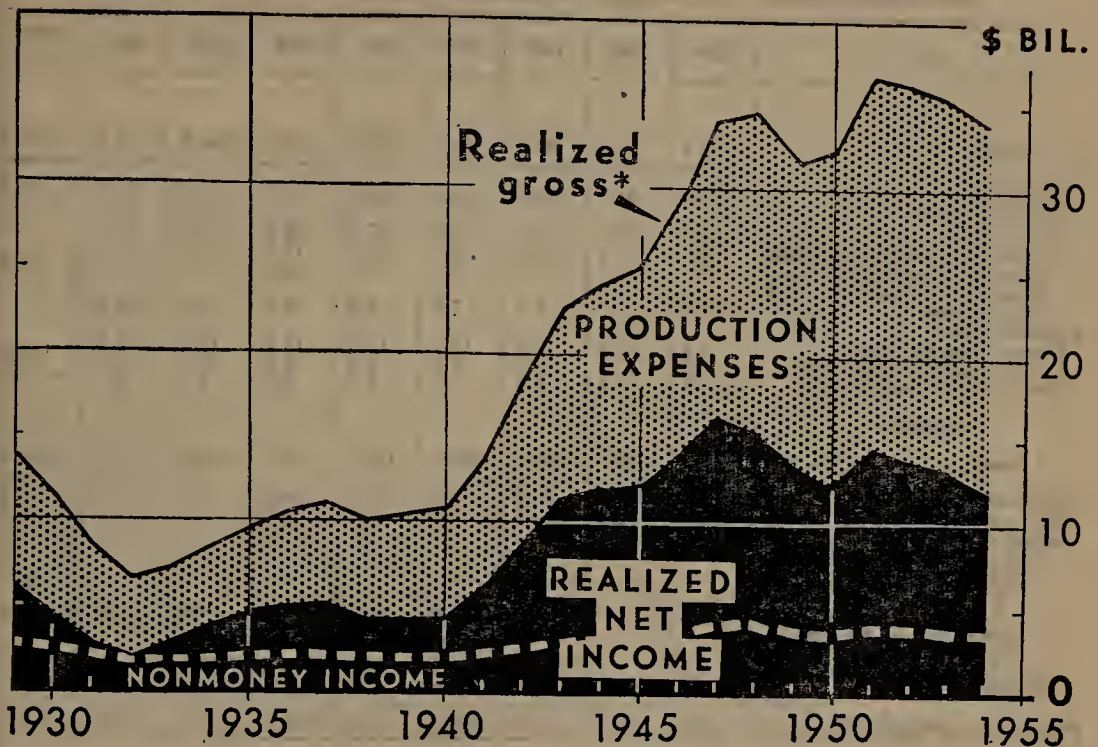
Cash income is the cash receipts from farm marketings and represents the quantities of crops, livestock, and livestock products sold by farmers multiplied by the prices received per unit of production at the local market. Gross farm income includes Government payments, value of farm products consumed on the farm, and rental value of farm homes, as well as cash receipts from farm marketings.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series E 1-16") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.



FIG. XLVI.—INCOME OF FARM OPERATORS: 1929 TO 1954

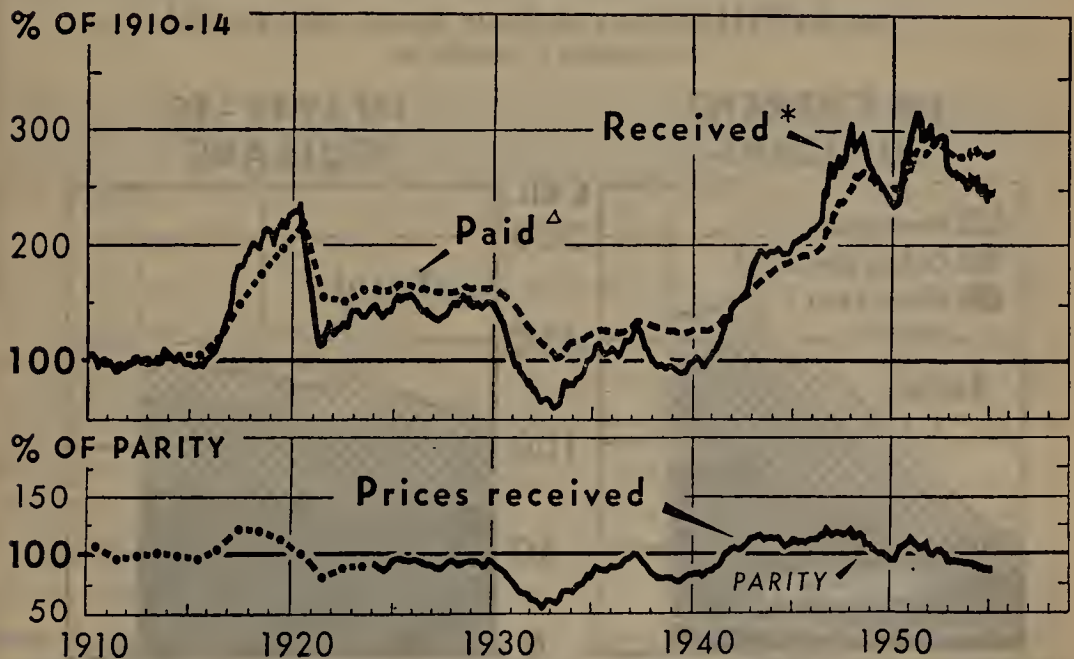
[See table 781]



\*Including Government payments, beginning 1933.

FIG. XLVII.—INDEXES OF PRICES RECEIVED AND PAID BY FARMERS: 1910 TO 1954

[See table 781]



\*Monthly data.

△Includes interest, taxes, and wage rates. Annual average data, 1910 to 1923; by quarters, 1924 to 1936; by months, 1937 to date.

Source of figs. XLVI and XLVII: Department of Agriculture, Agricultural Marketing Service.

## No. 764.—COMPARATIVE BALANCE SHEET OF AGRICULTURE: 1940 TO 1955

[In billions of dollars. As of January 1. Margin of error of estimates varies with items]

ITEM	1940	1945	1949	1950	1951	1952	1953	1954	1955 (prel.)
ASSETS									
Total.....	53.9	96.8	139.1	138.0	155.1	170.1	166.6	161.3	162.2
Physical assets:									
Real estate.....	33.6	54.8	76.8	75.3	85.8	93.7	92.7	89.1	90.3
Non-real-estate:									
Livestock.....	5.1	9.0	14.4	12.9	17.1	19.6	14.8	11.9	49.9
Machinery and motor vehicles.....	3.2	6.4	12.0	14.3	15.2	17.5	18.5	18.7	
Crops stored on and off farms <sup>1</sup> .....	2.7	6.7	8.6	7.6	7.9	8.8	9.0	9.1	
Household furnishings and equipment <sup>2</sup> .....	4.3	4.7	6.9	7.7	8.6	9.3	10.0	10.6	
Financial assets:									
Deposits and currency.....	3.9	10.6	13.9	13.3	13.3	13.8	13.9	13.9	22.0
United States savings bonds.....	.3	3.4	4.6	4.8	4.9	4.9	5.0	5.1	
Investment in cooperatives.....	.8	1.2	1.9	2.1	2.3	2.5	2.7	2.9	
CLAIMS									
Total.....	53.9	96.8	139.1	138.0	155.1	170.1	166.6	161.3	162.2
Liabilities, total.....	10.0	8.3	11.4	12.5	13.1	14.5	16.0	17.1	17.5
Real estate debt.....	6.6	4.9	5.3	5.6	6.1	6.6	7.2	7.7	8.2
Non-real-estate debt—									
To principal institutions:									
Excluding loans held or guaranteed by Commodity Credit Corporation.....	1.5	1.6	2.7	2.8	3.4	4.1	4.2	3.8	9.3
Loans held or guaranteed by Commodity Credit Corporation.....	.4	.7	1.2	1.7	.8	.6	1.2	2.4	
To others <sup>3</sup> .....	1.5	1.1	2.2	2.4	2.8	3.2	3.4	3.2	
Proprietors' equities.....	43.9	88.5	127.7	125.5	142.0	155.6	150.6	144.2	144.7

<sup>1</sup> Comprises all crops held on farms for whatever purpose and crops held in bonded warehouses as security for Commodity Credit Corporation loans; latter on Jan. 1, 1954, totaled 1,560 million dollars.

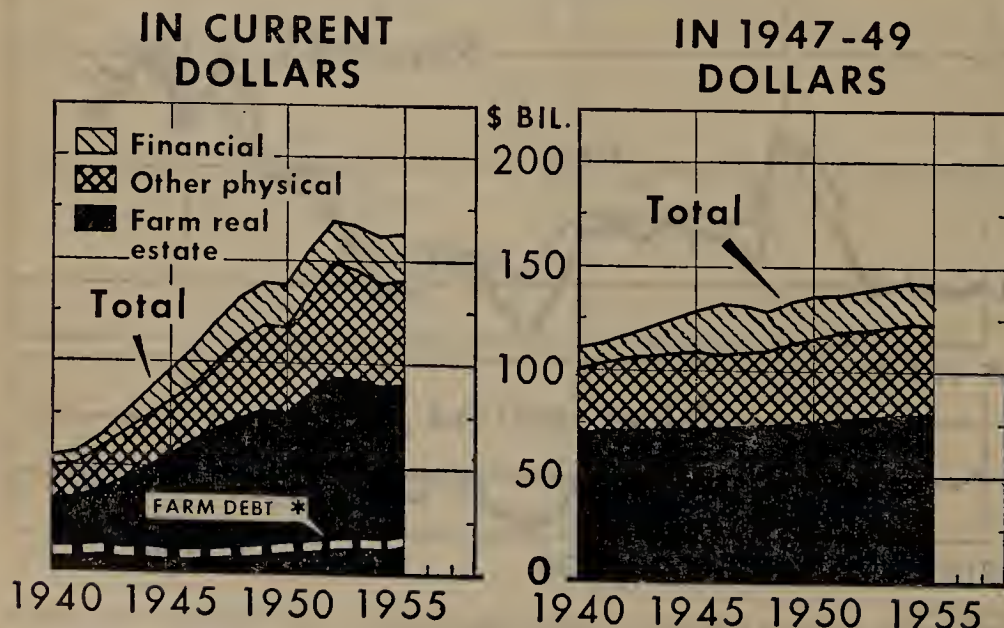
<sup>2</sup> Estimated valuation for 1940, plus purchases minus depreciation since then.

<sup>3</sup> Comprises individuals, merchants, dealers, and others. Estimates based on fragmentary data.

Source: Department of Agriculture, Agricultural Research Service; *The Balance Sheet of Agriculture*.

FIG. XLVIII.—VALUE OF FARM ASSETS: 1940 TO 1955

[As of January 1. See table 764]



\*Excluding CCC loans.

Source: Department of Agriculture, Agricultural Research Service.



## No. 765.—FARMS AND FARM PROPERTY—SUMMARY: 1920 TO 1954

[Revised estimates of farm population as of Apr. 1 by Agricultural Marketing Service and Bureau of the Census; farm values, Agricultural Research Service as of Mar. 1. See also *Historical Statistics*, series E 1-16]

ITEM	1920	1930	1940	1945	1950	1952	1953	1954
Farm population.....1,000--	31,974	30,529	30,547	25,295	25,058	24,283	22,679	21,890
Percent of total population <sup>1</sup> .....	30.1	24.9	23.2	18.1	16.6	15.9	14.2	13.5
Number of farms <sup>2</sup> .....1,000--	6,518	6,546	6,350	5,967	5,648	5,535	5,482	5,425
Total value, selected items of farm property <sup>3</sup> .....mil. dol.	78,688	57,815	41,923	70,119	102,438	130,787	126,060	119,681
Farmland and buildings, value.....mil. dol.	66,316	47,873	33,636	54,756	75,255	93,693	92,707	89,124
Average value per farm.....dol.	10,174	7,313	5,297	9,176	13,324	16,927	16,911	16,428
Average value per acre.....dol.	69.38	48.52	31.71	47.96	64.96	80.87	80.02	76.93
Index of estimated value per acre: <sup>4</sup>								
1912-14=100.....	173	115	82	124	168	211	209	201
1947-49=100.....	105	70	50	75	102	128	127	122
Farms changing ownership per 1,000 farms (estimated number), total <sup>5</sup> .....	43.4	61.5	63.0	69.7	52.3	52.4	47.6	44.0
Voluntary sales and trades <sup>6</sup> .....		23.7	30.2	51.5	37.1	37.5	34.3	29.9
Forced sales and related defaults.....		20.8	15.9	3.0	1.8	2.0	1.5	2.1
Foreclosures of mortgages, bankruptcies, etc. <sup>7</sup> .....	4.0	15.7	12.6	1.9	1.4	1.5	1.2	1.7
Delinquent taxes.....		5.1	3.3	1.1	0.4	0.5	0.3	0.4
Other transfers <sup>8</sup> .....		17.0	16.9	15.2	13.4	12.9	11.8	12.0
Percentage of voluntary sales and trades:								
Purchased by local residents.....		82	83	82	79	76	76	78
Purchased for operation.....		81	78	74	80	78	77	78
Occupation of purchaser:								
Active farmer.....		72	68	63	67	65	64	65
Retired farmer.....		4	4	3	5	5	5	5
Other occupation.....		24	23	34	28	30	31	30

<sup>1</sup> Total population includes Armed Forces serving overseas.

<sup>2</sup> Revised series—intercensal years interpolated on basis of change in farm population.

<sup>3</sup> Comprises farm land and buildings, implements and machinery and livestock, including poultry. Turkeys included from 1929 to date.

<sup>4</sup> As of March 1. <sup>5</sup> Year ending Mar. 15. <sup>6</sup> Includes contracts to purchase (but not options).

<sup>7</sup> Includes loss of title by default of contract, and surrender of title or transfers to avoid foreclosures.

<sup>8</sup> Comprises inheritance and gift transfers; sales in settlement of estates; and miscellaneous and unclassified sales.

Source: Department of Agriculture, Agricultural Marketing Service and Agricultural Research Service. Published in part in *Current Developments in the Farm Real Estate Market*.

## No. 766.—FARM GROSS NATIONAL PRODUCT IN CONSTANT (1947-49) DOLLARS: 1910 TO 1953

[In millions of 1947-49 dollars. Farm gross national product represents the portion of gross national product originating on the farm. It is a value-added concept obtained by subtracting from the total value of farm output the value of (intermediate) materials used up in the production process, such as fertilizer, purchased feed, and motor fuel. It measures production occurring on farms, without duplication and is "gross" only in the sense that depreciation and other capital consumption allowances are not deducted]

ITEM	1910	1920	1930	1940	1945	1949	1950	1951	1952	1953
Value of farm output.....	19,919	21,576	23,394	27,366	31,346	33,227	34,722	34,084	34,906	35,587
Cash receipts from farm marketings and CCC loans.....	15,364	16,370	19,636	22,415	28,143	30,581	30,055	29,594	30,927	32,813
Farm products consumed directly in farm households.....	3,056	2,992	2,857	3,037	2,675	2,375	2,287	2,183	2,102	2,065
Net change in all farm inventories.....	440	933	-384	699	-768	-1,157	949	815	353	-834
Gross rental value of farm homes.....	1,059	1,281	1,285	1,215	1,296	1,428	1,431	1,492	1,524	1,543
Less: Value of intermediate products consumed.....	3,947	4,742	6,187	7,826	10,486	11,013	11,640	12,124	12,902	12,507
Intermediate products consumed, other than rents.....	2,685	3,705	4,342	6,047	8,664	9,282	9,966	10,521	11,191	10,675
Gross rents paid to nonfarm landlords (excluding operating expenses).....	1,262	1,037	1,845	1,779	1,822	1,731	1,674	1,603	1,711	1,832
Plus: Other items.....	-30	-42	-141	-6	31	-10	48	-20	-45	-72
Equals: Farm gross national product.....	15,942	16,792	17,066	19,534	20,891	22,204	23,130	21,940	21,959	23,008

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, August 1954.

No. 767.—LAND UTILIZATION, FARM AND NONFARM, 1880 TO 1950, AND BY OWNERSHIP, 1920 TO 1950

[In millions of acres. Total farm and nonfarm areas and public and private ownership are for year indicated. Cropland and pasture acreages usually relate to preceding years. Total, 1880-1940, represents area measurement for 1940 Census; remeasured in 1950 and revised to 1,904,000,000 acres. See also *Historical Statistics*, series F 25-51, where total for 1880-1935 represents area measurement for 1880 Census]

LAND USE ITEM	1880	1890	1900	1910	1920	1930	1940	1950
<b>Total</b> .....	<b>1,905</b>	<b>1,905</b>	<b>1,905</b>	<b>1,905</b>	<b>1,905</b>	<b>1,905</b>	<b>1,905</b>	<b>1,904</b>
Public land.....					566	546	552	562
Private land.....					1,339	1,359	1,353	1,342
In farms.....	536	623	839	879	956	987	1,061	1,159
Not in farms.....	1,369	1,282	1,066	1,026	949	918	844	745
<b>Cropland</b> .....	<b>188</b>	<b>248</b>	<b>319</b>	<b>347</b>	<b>402</b>	<b>413</b>	<b>399</b>	<b>409</b>
Public land <sup>1</sup> .....					4	4	3	7
Private land.....					398	409	396	402
In farms.....	188	248	319	347	402	413	399	409
Cropland harvested.....	178	233	295	322	362	359	321	345
Crop failure and cropland lying idle or fallow.....	10	15	24	25	40	54	78	64
<b>Pasture and grazing land</b> .....	<b>1,005</b>	<b>962</b>	<b>901</b>	<b>884</b>	<b>830</b>	<b>816</b>	<b>843</b>	<b>2 775</b>
Public land.....					323	285	282	270
Private land.....					507	531	561	505
In farms.....	122	144	276	284	328	379	461	485
Not plowable.....					223	270	350	416
Plowable.....					105	109	111	<sup>3</sup> 69
Not in farms <sup>4</sup> .....	883	818	625	600	502	437	382	<sup>5</sup> 290
<b>Forest and woodland</b> <sup>6</sup> .....	<b>558</b>	<b>534</b>	<b>509</b>	<b>492</b>	<b>487</b>	<b>499</b>	<b>482</b>	<b>531</b>
Public land.....					145	163	174	180
Private land.....					342	336	308	351
In farms—forests and cut-over land.....	190	190	191	191	168	150	157	220
Pastured.....				98	77	85	100	<sup>7</sup> 135
Not pastured.....				93	91	65	57	85
Not in farms—forest land capable of producing timber of commercial quantity and quality.....	368	344	318	301	319	349	325	<sup>8</sup> 311
<b>Other land</b> .....	<b>154</b>	<b>161</b>	<b>176</b>	<b>182</b>	<b>186</b>	<b>177</b>	<b>181</b>	<b>189</b>
Public land.....					<sup>9</sup> 94	<sup>9</sup> 94	93	105
Private land.....					92	83	88	84
In farms—farmsteads, lanes and waste.....	36	41	53	57	58	45	44	45
Not in farms—roads, railroads, cities, parks, ungrazed desert and other wasteland.....	<sup>9</sup> 118	<sup>9</sup> 120	<sup>9</sup> 123	<sup>9</sup> 125	<sup>9</sup> 128	<sup>9</sup> 132	<sup>9</sup> 137	144

<sup>1</sup> Comprised largely of Indian land and State school and other land.

<sup>2</sup> Includes approximately 69 million acres of cropland used only for pasture.

<sup>3</sup> Cropland used for pasture only. Not comparable to previous estimates of plowable pasture.

<sup>4</sup> Includes idle grassland in first decades and arid woodland (piñon, juniper, chaparral).

<sup>5</sup> Includes about 75 to 80 million acres of woodland and other brushland grazed.

<sup>6</sup> Excludes considerable acreages of arid woodland, other woodland in pasture and grazing, and several million acres of valuable forests in parks, wildlife refuges, and military areas.

<sup>7</sup> Includes 34 million acres of arid woodland and brushland.

<sup>8</sup> Largely commercial forest land.

<sup>9</sup> Estimated.

Source: Department of Agriculture, Bureau of Agricultural Economics; Technical Bulletin 1082 and supplement.



## No. 768.—FARMLAND, BY USE, BY STATES: 1944 AND 1949

[In thousands of acres. For total land in farms, see table 769]

DIVISION AND STATE	CROPLAND HARVESTED		CROPLAND USED ONLY FOR PASTURE		CROPLAND NOT HARVESTED AND NOT PASTURED		OTHER THAN CROPLAND	
	1944	1949	1944 <sup>1</sup>	1949	1944 <sup>2</sup>	1949	1944	1949
<b>United States</b> .....	352,866	344,399	47,449	69,332	50,379	64,108	690,921	680,728
<b>New England</b> .....	3,987	2,805	375	847	232	564	9,903	8,330
Maine.....	1,316	932	74	221	101	254	3,123	2,775
New Hampshire.....	436	290	48	101	25	59	1,507	1,263
Vermont.....	1,160	859	93	219	28	78	2,650	2,371
Massachusetts.....	581	376	77	151	45	97	1,376	1,036
Rhode Island.....	62	40	10	26	9	15	184	111
Connecticut.....	433	308	72	129	25	61	1,064	775
<b>Middle Atlantic</b> .....	14,441	12,211	1,450	2,851	1,613	2,459	16,902	14,335
New York.....	6,922	5,792	705	1,579	740	1,114	9,202	7,533
New Jersey.....	916	782	116	161	104	148	681	635
Pennsylvania.....	6,604	5,637	628	1,111	769	1,196	7,018	6,168
<b>East North Central</b> .....	61,117	59,570	9,411	10,862	3,789	4,667	41,246	36,998
Ohio.....	10,837	10,296	1,867	2,049	598	1,034	8,626	7,591
Indiana.....	10,912	11,001	1,817	2,051	811	777	6,487	5,830
Illinois.....	20,302	20,364	2,150	2,591	1,131	987	8,019	7,035
Michigan.....	8,521	7,797	1,786	1,983	903	1,263	7,182	6,227
Wisconsin.....	10,545	10,112	1,791	2,187	346	606	10,933	10,315
<b>West North Central</b> .....	132,778	133,302	10,024	14,480	16,761	20,151	123,686	116,396
Minnesota.....	18,559	19,709	1,316	1,560	2,418	1,192	10,847	10,422
Iowa.....	21,562	22,547	2,612	3,144	768	358	9,512	8,215
Missouri.....	12,902	12,264	2,916	5,104	1,039	1,389	18,421	16,366
North Dakota.....	20,817	20,353	710	935	3,576	6,340	15,898	13,567
South Dakota.....	16,525	17,528	641	816	1,337	1,478	24,529	24,964
Nebraska.....	19,596	19,407	942	1,400	2,890	2,970	24,325	23,691
Kansas.....	22,817	21,494	887	1,521	4,733	6,425	20,153	19,173
<b>South Atlantic</b> .....	27,494	25,022	4,047	6,308	5,460	6,530	59,600	64,311
Delaware.....	416	389	63	72	85	74	359	316
Maryland.....	1,745	1,531	394	448	225	306	1,836	1,771
District of Columbia.....	1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Virginia.....	3,933	3,314	1,169	1,564	690	911	10,568	9,784
West Virginia.....	1,490	1,218	312	787	172	349	6,747	5,860
North Carolina.....	6,126	5,782	526	733	950	1,183	11,016	11,619
South Carolina.....	4,149	3,960	238	494	800	932	5,835	6,493
Georgia.....	7,824	7,098	784	1,273	2,035	2,116	13,032	15,264
Florida.....	1,809	1,728	563	937	505	659	10,206	13,204
<b>East South Central</b> .....	23,802	22,494	8,000	11,323	4,422	5,396	39,974	40,362
Kentucky.....	5,322	5,054	4,038	5,265	1,039	1,282	9,325	7,840
Tennessee.....	5,844	5,575	2,260	2,856	1,170	1,489	8,516	8,613
Alabama.....	6,163	5,729	854	1,598	1,249	1,394	10,801	12,167
Mississippi.....	6,473	6,136	849	1,604	963	1,231	11,332	11,740
<b>West South Central</b> .....	51,043	49,083	9,062	13,236	5,627	6,979	139,264	142,171
Arkansas.....	5,995	5,930	1,651	2,472	1,127	1,252	8,683	9,217
Louisiana.....	3,490	3,149	1,032	1,804	613	705	4,904	5,545
Oklahoma.....	14,088	11,896	1,759	2,318	1,117	1,802	19,198	19,991
Texas.....	27,469	28,108	4,619	6,643	2,772	3,220	106,477	107,419
<b>Mountain</b> .....	23,103	24,500	1,879	4,212	7,375	10,964	212,222	210,537
Montana.....	7,439	7,576	400	1,271	3,479	5,081	47,468	45,319
Idaho.....	3,442	3,648	322	485	825	1,097	7,914	7,995
Wyoming.....	1,843	1,901	112	405	264	407	30,897	31,709
Colorado.....	6,035	6,893	515	970	2,007	3,165	27,662	26,925
New Mexico.....	1,957	1,898	135	446	410	495	47,106	44,683
Arizona.....	652	884	230	184	77	198	36,898	38,651
Utah.....	1,248	1,279	128	305	288	463	8,645	8,812
Nevada.....	487	421	36	145	23	53	5,632	6,444
<b>Pacific</b> .....	15,102	15,412	3,202	5,214	5,101	6,396	48,124	47,287
Washington.....	4,290	4,237	439	715	2,403	2,769	9,589	9,649
Oregon.....	3,276	3,219	566	969	1,067	1,349	14,845	14,790
California.....	7,536	7,957	2,196	3,531	1,631	2,278	23,691	22,848

<sup>1</sup> Land used only for pasture that had been plowed within 7 years.<sup>2</sup> Crop failure and cropland idle or fallow.<sup>3</sup> 500 acres or less.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1950, Vol. II.

## No. 769.—FARMS—NUMBER, ACREAGE, AND VALUE, BY STATES: 1935 TO 1950

[See also *Historical Statistics*, series E 19 and 31]

DIVISION AND STATE	NUMBER OF FARMS				ALL LAND IN FARMS (1,000 acres)			
	1935	1940	1945	1950	1935	1940	1945	1950
<b>United States</b> .....	6,812,350	6,096,799	5,859,169	5,382,162	1,054,515	1,060,852	1,141,615	1,158,566
<b>New England</b> .....	158,241	135,190	150,311	103,225	15,463	13,371	14,497	12,547
Maine.....	41,907	38,980	42,184	30,358	4,722	4,223	4,613	4,182
New Hampshire.....	17,695	16,554	18,786	13,391	2,116	1,809	2,017	1,714
Vermont.....	27,061	23,582	26,490	19,043	4,043	3,667	3,931	3,527
Massachusetts.....	35,094	31,897	37,007	22,220	2,196	1,938	2,078	1,660
Rhode Island.....	4,327	3,014	3,603	2,598	308	222	265	191
Connecticut.....	32,157	21,163	22,241	15,615	2,080	1,512	1,593	1,272
<b>Middle Atlantic</b> .....	397,684	348,100	347,477	296,702	36,455	33,639	34,406	31,855
New York.....	177,025	153,238	149,490	124,977	18,686	17,170	17,568	16,017
New Jersey.....	29,375	25,835	26,226	24,838	1,914	1,874	1,818	1,725
Pennsylvania.....	191,284	169,027	171,761	146,887	15,855	14,594	15,020	14,113
<b>East North Central</b> .....	1,083,687	1,006,095	953,797	885,404	116,957	113,655	115,564	112,098
Ohio.....	255,146	233,783	220,575	199,359	22,858	21,908	21,928	20,969
Indiana.....	200,835	184,549	175,970	166,627	20,519	19,801	20,027	19,659
Illinois.....	231,312	213,439	204,239	195,268	31,661	31,033	31,602	30,978
Michigan.....	196,517	187,589	175,268	155,589	18,460	18,038	18,392	17,270
Wisconsin.....	199,877	186,735	177,745	168,561	23,459	22,876	23,615	23,221
<b>West North Central</b> .....	1,179,856	1,090,574	1,031,993	982,735	273,077	274,423	283,248	284,329
Minnesota.....	203,302	197,851	188,952	179,101	32,818	32,607	33,140	32,883
Iowa.....	221,986	213,318	208,934	203,159	34,359	34,149	34,454	34,265
Missouri.....	278,454	256,100	242,934	230,045	35,055	34,740	35,278	35,123
North Dakota.....	84,606	73,962	69,520	65,401	39,118	37,936	41,001	41,194
South Dakota.....	83,303	72,454	68,705	66,452	37,102	39,474	43,032	44,786
Nebraska.....	133,616	121,062	111,756	107,183	46,616	47,344	47,753	47,467
Kansas.....	174,589	156,327	141,192	131,394	48,010	48,174	48,589	48,611
<b>South Atlantic</b> .....	1,147,133	1,019,451	1,043,475	958,998	95,987	92,555	96,601	102,170
Delaware.....	10,381	8,894	9,296	7,448	921	896	923	851
Maryland.....	44,412	42,110	41,275	36,107	4,384	4,198	4,200	4,056
District of Columbia.....	89	65	40	28	3	2	2	1
Virginia.....	197,632	174,885	173,051	150,997	17,645	16,445	16,358	15,572
West Virginia.....	104,747	99,282	97,600	81,434	9,424	8,909	8,720	8,215
North Carolina.....	300,967	278,276	287,412	288,508	19,936	18,845	18,618	19,318
South Carolina.....	165,504	137,558	147,745	139,364	12,330	11,239	11,022	11,879
Georgia.....	250,544	213,033	225,897	198,191	25,297	23,684	23,676	25,751
Florida.....	72,857	62,248	61,159	56,921	6,048	8,338	13,084	16,528
<b>East South Central</b> .....	1,137,219	1,023,349	959,829	913,002	79,101	77,086	76,198	79,576
Kentucky.....	278,298	252,894	238,501	218,476	20,699	20,294	19,725	19,442
Tennessee.....	273,783	247,617	234,431	231,631	19,086	18,493	17,789	18,534
Alabama.....	273,455	231,746	223,369	211,512	19,661	19,143	19,068	20,889
Mississippi.....	311,683	291,092	263,528	251,383	19,655	19,156	19,617	20,711
<b>West South Central</b> .....	1,137,571	964,370	877,831	780,423	201,118	200,527	204,995	211,469
Arkansas.....	253,013	216,674	198,769	182,429	17,742	18,045	17,456	18,871
Louisiana.....	170,216	150,007	129,295	124,181	10,444	9,996	10,040	11,202
Oklahoma.....	213,325	179,687	164,790	142,246	35,335	34,803	36,162	36,007
Texas.....	501,017	418,002	384,977	331,567	137,597	137,683	141,338	145,389
<b>Mountain</b> .....	271,392	233,497	212,527	194,858	173,881	191,901	244,577	250,213
Montana.....	50,564	41,823	37,747	35,085	47,512	46,452	58,787	59,247
Idaho.....	45,113	43,663	41,498	40,284	9,952	10,298	12,503	13,224
Wyoming.....	17,487	15,018	13,076	12,614	28,162	28,026	33,117	34,421
Colorado.....	63,644	51,436	47,618	45,578	29,978	31,527	36,218	37,953
New Mexico.....	41,369	34,105	29,695	23,599	34,397	38,860	49,608	47,522
Arizona.....	18,824	18,468	13,142	10,412	14,019	25,651	37,856	39,916
Utah.....	30,695	25,411	26,322	24,176	6,239	7,302	10,309	10,865
Nevada.....	3,696	3,573	3,429	3,110	3,622	3,785	6,178	7,064
<b>Pacific</b> .....	299,567	276,173	281,929	266,815	62,476	63,694	71,529	74,310
Washington.....	84,381	81,686	79,887	69,820	14,680	15,182	16,720	17,369
Oregon.....	64,826	61,829	63,125	59,827	17,358	17,988	19,754	20,328
California.....	150,360	132,658	138,917	137,168	30,438	30,524	35,054	36,613



No. 769.—FARMS—NUMBER, ACREAGE, AND VALUE, BY STATES: 1935 TO 1950—Con.

DIVISION AND STATE	AVERAGE ACREAGE PER FARM		VALUE OF FARMS (LAND AND BUILDINGS)							
			Total (\$1,000)				Average value per farm (dollars)		Average value per acre (dollars)	
	1945	1950	1935	1940	1945	1950 <sup>1,2</sup>	1945	1950 <sup>1,3</sup>	1945	1950 <sup>1</sup>
<b>United States</b> .....	194.8	215.3	32,858,844	33,641,739	46,388,926	75,260,606	7,917	13,983	40.63	64.96
<b>New England</b> .....	96.4	121.5	901,271	740,508	938,517	1,222,057	6,244	11,839	64.74	97.40
Maine.....	109.4	137.7	143,539	124,083	159,681	226,518	3,735	7,462	34.61	54.17
New Hampshire.....	107.4	128.0	66,937	62,206	80,395	124,845	4,280	9,323	39.86	72.85
Vermont.....	148.4	185.2	115,996	111,109	134,576	196,405	5,080	10,314	34.24	55.68
Massachusetts.....	56.2	74.7	255,677	212,014	265,232	314,710	7,167	14,163	127.62	189.54
Rhode Island.....	73.5	73.5	35,238	26,334	35,610	44,328	9,883	17,062	134.51	232.02
Connecticut.....	71.6	81.5	283,884	204,761	263,023	315,251	11,826	20,189	165.09	247.77
<b>Middle Atlantic</b> .....	99.0	107.4	2,141,412	2,039,079	2,389,076	3,485,485	6,875	11,747	69.44	109.42
New York.....	117.5	128.2	1,045,392	947,074	1,087,522	1,467,452	7,275	11,742	61.90	91.62
New Jersey.....	69.3	69.5	234,313	227,806	292,981	505,278	11,171	20,343	161.15	292.84
Pennsylvania.....	87.4	96.1	861,707	864,200	1,008,574	1,512,755	5,872	10,299	67.15	107.19
<b>East North Central</b> .....	121.2	126.6	6,596,844	7,333,631	9,958,796	14,703,512	10.44	16,607	86.18	131.17
Ohio.....	99.4	105.2	1,277,556	1,443,917	1,868,351	2,858,969	8,470	14,341	85.20	136.34
Indiana.....	113.8	118.0	1,040,238	1,251,492	1,794,315	2,691,273	10,197	16,151	89.59	136.90
Illinois.....	154.7	158.6	2,205,900	2,537,117	3,662,545	5,394,905	17,933	27,628	115.90	174.15
Michigan.....	104.9	111.0	826,261	912,545	1,199,290	1,701,440	6,843	10,935	65.21	98.52
Wisconsin.....	132.9	137.8	1,246,889	1,188,559	1,434,295	2,056,925	8,069	12,203	60.74	88.58
<b>West North Central</b> .....	274.5	289.3	9,335,141	8,795,913	12,115,024	19,044,235	11,739	19,379	42.77	66.98
Minnesota.....	175.4	183.6	1,383,072	1,443,021	1,833,761	2,777,312	9,705	15,607	55.33	84.46
Iowa.....	164.9	168.7	2,462,313	2,690,744	3,611,140	5,506,670	17,224	27,105	104.81	160.71
Missouri.....	145.2	152.7	1,099,281	1,107,303	1,526,961	2,235,939	6,285	9,720	43.28	63.66
North Dakota.....	589.8	629.9	707,139	490,197	708,322	1,188,860	10,189	18,788	17.28	28.86
South Dakota.....	626.3	674.0	691,863	505,452	764,300	1,401,787	11,124	21,095	17.76	31.30
Nebraska.....	427.3	442.9	1,562,813	1,137,808	1,699,210	2,735,039	15,205	25,517	35.58	57.62
Kansas.....	344.1	370.0	1,478,659	1,421,387	1,971,331	3,198,628	13,962	24,344	40.57	65.80
<b>South Atlantic</b> .....	92.6	106.5	2,791,939	3,159,550	4,238,536	7,159,765	4,062	7,466	43.88	70.08
Delaware.....	99.3	114.3	51,476	54,899	72,694	97,141	7,820	13,043	78.73	114.11
Maryland.....	101.8	112.3	242,714	273,980	354,807	507,225	8,596	14,048	84.48	125.07
Dist. of Columbia.....	46.4	45.2	7,183	5,943	4,961	4,666	124,034	166,643	2,676.02	3,688.54
Virginia.....	94.5	103.1	593,855	674,975	868,806	1,277,084	5,021	8,458	53.11	82.01
West Virginia.....	89.3	100.9	237,644	269,827	341,008	487,209	3,494	5,983	39.11	59.31
North Carolina.....	64.8	67.0	622,719	736,708	1,002,983	1,905,714	3,490	6,605	53.87	98.65
South Carolina.....	74.6	85.2	285,516	338,495	440,632	820,349	2,982	5,886	39.98	69.06
Georgia.....	104.8	129.9	429,755	480,345	654,244	1,114,506	2,896	5,623	27.63	43.28
Florida.....	213.9	290.4	321,078	324,378	498,400	945,871	8,149	16,617	38.09	57.23
<b>East South Central</b> .....	79.4	87.2	1,915,218	2,324,737	3,094,049	5,169,088	3,224	5,662	40.61	64.96
Kentucky.....	82.7	89.0	620,409	776,494	1,015,796	1,572,256	4,259	7,196	51.50	80.87
Tennessee.....	75.9	80.0	555,751	664,474	870,948	1,431,966	3,715	6,182	48.96	77.26
Alabama.....	85.4	98.8	368,220	408,782	559,743	1,017,075	2,506	4,809	29.36	48.69
Mississippi.....	74.4	82.4	370,839	474,986	647,562	1,147,791	2,457	4,566	33.01	55.42
<b>West South Central</b> .....	233.5	271.0	4,029,702	4,231,841	5,816,250	10,626,496	6,626	13,616	28.37	50.25
Arkansas.....	87.8	103.4	376,088	456,848	662,770	1,135,671	3,334	6,225	37.97	60.18
Louisiana.....	77.6	90.2	295,515	353,874	472,328	920,939	3,653	7,416	47.05	82.21
Oklahoma.....	219.4	253.1	784,394	831,141	1,106,154	1,851,460	6,713	13,016	30.59	51.42
Texas.....	367.1	438.5	2,573,705	2,589,979	3,574,998	6,718,426	9,286	20,263	25.29	46.21
<b>Mountain</b> .....	1,150.8	1,284.1	1,772,439	1,779,843	2,756,169	5,513,393	12,969	28,294	11.27	22.03
Montana.....	1,557.4	1,688.7	375,841	350,178	517,891	999,061	13,720	28,475	8.81	16.86
Idaho.....	301.3	328.3	307,395	339,194	493,331	923,292	11,888	22,920	39.46	69.82
Wyoming.....	2,532.6	2,728.8	166,774	158,971	232,043	454,862	17,746	36,060	7.01	13.21
Colorado.....	760.6	832.7	418,758	388,344	564,504	1,211,818	11,855	26,588	15.59	31.93
New Mexico.....	1,670.6	2,013.7	170,150	187,526	326,751	713,360	11,004	30,228	6.59	15.13
Arizona.....	2,880.6	3,833.7	132,650	153,677	287,876	603,851	21,905	57,996	7.60	15.13
Utah.....	391.7	449.4	158,303	154,358	261,818	471,242	9,947	19,922	25.40	43.37
Nevada.....	1,801.7	2,271.2	42,569	47,594	71,956	135,907	20,985	43,700	11.65	19.24
<b>Pacific</b> .....	253.7	278.5	3,324,878	3,236,636	5,082,508	8,336,575	18,028	31,245	71.06	112.19
Washington.....	209.3	248.8	550,720	593,366	900,184	1,470,208	11,268	21,057	53.84	84.64
Oregon.....	312.9	339.8	448,712	476,817	697,775	1,216,088	11,054	20,327	35.32	59.82
California.....	252.3	266.9	2,325,446	2,166,453	3,484,549	5,650,279	25,084	41,192	99.40	154.32

<sup>1</sup> Based on reports for a sample of farms.<sup>2</sup> Based on average value per acre for farms in sample for which value of land and buildings was reported.<sup>3</sup> A verage for farms reporting value of land and buildings.Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II.

# No. 770.—FARM REAL ESTATE—INDEXES OF ESTIMATED VALUE PER ACRE, BY STATES: 1912 TO 1955

[1947-49=100. As of March 1]

DIVISION AND STATE	1912	1915	1920	1925	1930	1933	1935	1940	1945	1950	1952	1953	1954	1955
<b>United States.</b>	59	62	105	78	70	43	46	50	75	102	128	127	122	125
<b>New England.</b>	62	62	88	80	80	66	65	67	81	99	106	108	103	102
Maine.....	72	69	102	89	89	68	68	69	85	95	91	99	90	87
New Hampshire.....	69	72	91	79	79	66	64	67	83	97	105	108	105	105
Vermont.....	58	60	86	72	71	58	58	58	74	101	113	113	107	104
Massachusetts.....	64	64	91	87	86	74	72	74	87	99	112	112	106	106
Rhode Island.....	54	56	71	70	73	65	64	66	79	101	111	111	109	108
Connecticut.....	51	52	72	72	73	65	64	65	78	100	110	111	109	111
<b>Middle Atlantic.</b>	65	66	89	75	70	54	56	59	78	103	125	125	122	123
New York.....	68	69	92	77	71	56	58	59	75	105	121	121	114	112
New Jersey.....	52	53	69	66	66	58	59	62	79	103	122	123	124	126
Pennsylvania.....	64	65	91	74	69	51	53	58	80	102	129	129	130	134
<b>East North Central.</b>	61	65	101	73	60	39	42	49	74	104	132	133	132	136
Ohio.....	59	64	95	66	54	35	40	46	72	101	134	134	132	141
Indiana.....	57	60	96	60	47	33	36	44	73	103	135	137	135	144
Illinois.....	65	68	106	77	61	36	41	50	74	108	138	140	139	142
Michigan.....	49	53	78	67	61	41	42	46	73	100	123	126	128	133
Wisconsin.....	68	72	119	90	81	56	57	58	76	101	119	119	113	111
<b>West North Central.</b>	73	79	138	95	82	48	51	49	72	107	135	133	126	132
Minnesota.....	61	69	138	103	86	51	53	55	74	109	137	134	127	135
Iowa.....	66	77	146	93	77	40	46	50	73	108	132	128	124	132
Missouri.....	82	87	142	95	78	47	49	50	78	106	138	132	121	123
North Dakota.....	90	96	135	102	89	61	62	48	71	107	133	136	134	132
South Dakota.....	110	116	207	132	107	63	63	47	69	111	145	140	135	139
Nebraska.....	78	81	144	99	90	56	58	47	68	104	136	136	127	134
Kansas.....	64	65	95	72	71	44	46	45	70	106	131	133	125	129
<b>South Atlantic.</b>	44	44	89	66	57	35	41	48	76	101	125	129	125	128
Delaware.....	62	62	86	70	69	50	51	55	76	98	121	123	120	126
Maryland.....	48	52	82	65	61	45	45	50	73	99	125	126	123	128
Virginia.....	42	42	81	67	58	38	42	48	74	101	129	134	129	130
West Virginia.....	66	69	105	81	71	50	53	58	72	95	112	113	109	110
North Carolina.....	30	32	69	58	49	27	35	43	70	106	132	138	133	138
South Carolina.....	48	45	110	66	50	27	37	43	78	97	117	119	117	114
Georgia.....	54	51	119	63	55	31	39	45	73	99	123	129	126	124
Florida.....	41	42	76	74	74	52	54	57	96	97	120	123	116	125
<b>East South Central.</b>	38	39	78	55	50	31	36	44	70	103	127	128	120	119
Kentucky.....	36	37	75	52	48	30	33	42	70	102	128	123	116	115
Tennessee.....	37	39	78	53	48	31	35	42	69	103	124	125	116	114
Alabama.....	38	38	69	60	56	34	43	47	69	101	125	131	125	123
Mississippi.....	42	42	94	59	53	31	39	46	71	106	134	139	130	131
<b>West South Central.</b>	51	54	95	77	73	44	49	53	75	103	137	133	129	131
Arkansas.....	42	40	94	68	60	34	37	40	71	105	131	128	122	124
Louisiana.....	47	45	94	67	62	42	49	57	77	105	120	125	121	125
Oklahoma.....	52	50	89	70	68	41	46	50	69	108	138	133	125	130
Texas.....	53	57	97	81	76	46	51	55	77	102	139	134	130	133
<b>Mountain.</b>	62	62	94	64	67	37	38	46	77	98	115	111	102	99
Montana.....	78	81	101	60	67	37	38	46	73	98	119	115	109	107
Idaho.....	57	54	98	70	74	41	45	53	87	95	104	97	91	90
Wyoming.....	54	58	99	56	63	34	34	42	69	99	118	118	108	105
Colorado.....	66	63	95	62	61	33	33	42	70	97	113	105	94	89
New Mexico.....	41	41	60	45	52	32	32	39	75	103	123	118	107	103
Arizona.....	42	43	73	53	64	36	38	47	80	95	123	124	113	110
Utah.....	82	80	136	106	106	54	55	61	86	100	110	108	101	101
Nevada.....	76	80	106	81	80	46	46	52	83	95	111	110	102	96
<b>Pacific.</b>	51	58	84	78	78	44	45	51	90	87	99	97	92	94
Washington.....	73	75	105	85	83	44	45	54	85	93	103	101	96	96
Oregon.....	75	77	101	85	86	48	48	57	87	92	104	101	94	92
California.....	43	52	78	76	76	43	45	49	91	86	98	96	91	95

Source: Department of Agriculture, Agricultural Research Service; periodic report, *Current Developments in the Farm Real Estate Market*.



# No. 771.—FARMS—NUMBER AND ACREAGE, 1920 TO 1950, AND AVERAGE VALUE OF LAND AND BUILDINGS, 1950, BY SIZE OF FARM

[1950 data, except number of farms, based on reports for a sample of farms. May not agree with other 1950 sample data, since size data were not adjusted to agree with total count of farms]

SIZE OF FARM	1920	1925	1930	1935	1940	1945	Percent distribution					
							1920	1925	1930	1935	1940	1945
NUMBER OF FARMS												
Total	6,448,343	6,371,640	6,288,648	6,812,350	6,096,799	5,859,169	100.0	100.0	100.0	100.0	100.0	100.0
Under 10 acres	288,772	378,535	358,504	570,831	506,402	594,561	4.5	5.9	5.7	8.4	8.3	10.1
Under 3 acres	20,350	15,151	43,007	35,573	35,977	98,966	0.3	0.2	0.7	0.5	0.6	1.7
3 to 9 acres	268,422	363,384	315,497	535,258	470,425	495,595	4.2	5.7	5.0	7.9	7.7	8.5
10 to 29 acres	(1)	(1)	(1)	1,241,431	1,012,971	945,608	(1)	(1)	(1)	18.2	16.6	16.1
10 to 19 acres	507,763	588,049	559,617	683,452	559,254	(1)	7.9	9.2	8.9	10.0	9.2	(1)
20 to 29 acres	(1)	(1)	(1)	557,979	453,717	(1)	(1)	(1)	(1)	8.2	7.4	(1)
30 to 49 acres	1,503,732	1,450,645	1,440,388	1,440,143	1,221,006	(1)	23.3	22.8	22.9	21.1	20.0	(1)
30 to 49 acres	(1)	(1)	(1)	882,164	767,289	708,796	(1)	(1)	(1)	12.9	12.6	12.1
50 to 99 acres	1,474,745	1,421,078	1,374,965	1,444,007	1,291,048	1,157,320	22.9	22.3	21.9	21.2	21.2	19.8
100 to 174 acres	1,449,630	1,583,777	1,542,927	1,404,297	1,278,617	(1)	22.5	21.7	21.4	20.6	21.0	(1)
100 to 179 acres	(1)	(1)	(1)	1,438,017	1,309,741	1,199,809	(1)	(1)	(1)	21.1	21.5	20.5
175 to 259 acres	530,800	503,417	520,593	540,267	517,460	(1)	8.2	7.9	8.3	7.9	8.5	(1)
180 to 259 acres	(1)	(1)	(1)	506,547	486,336	493,215	(1)	(1)	(1)	7.4	8.0	8.4
260 to 499 acres	475,677	438,961	451,338	473,239	458,787	473,184	7.4	6.9	7.2	6.9	7.5	8.1
500 to 999 acres	149,819	143,852	159,696	167,452	163,694	173,777	2.3	2.3	2.5	2.5	2.7	3.0
1,000 acres and over	67,405	63,328	80,620	88,662	100,531	112,899	1.0	1.0	1.3	1.3	1.6	1.9
LAND IN FARMS (1,000 acres)												
Total	955,884	924,319	986,771	1,054,515	1,060,852	1,141,615	100.0	100.0	100.0	100.0	100.0	100.0
Under 10 acres	1,600	2,097	1,908	3,057	2,668	2,805	0.2	0.2	0.2	0.3	0.3	0.2
Under 3 acres	34	23	61	51	51	141	(2)	(2)	(2)	(2)	(2)	(2)
3 to 9 acres	1,567	2,074	1,847	3,006	2,617	2,664	0.2	0.2	0.2	0.3	0.2	0.2
10 to 29 acres	(1)	(1)	(1)	22,272	18,111	16,864	(1)	(1)	(1)	2.1	1.7	1.5
10 to 19 acres	7,087	8,060	7,789	9,369	7,607	(1)	0.7	0.9	0.8	0.9	0.7	(1)
20 to 29 acres	(1)	(1)	(1)	12,903	10,504	(1)	(1)	(1)	(1)	1.2	1.0	(1)
30 to 49 acres	48,466	46,405	46,252	46,594	39,892	(1)	5.1	5.0	4.7	4.4	3.8	(1)
30 to 49 acres	(1)	(1)	(1)	33,691	29,388	27,074	(1)	(1)	(1)	3.2	2.8	2.4
50 to 99 acres	105,631	101,906	98,685	104,016	93,317	83,206	11.1	11.0	10.0	9.9	8.8	7.3
100 to 174 acres	194,681	185,708	180,214	188,859	172,020	(1)	20.4	20.1	18.3	17.9	16.2	(1)
100 to 179 acres	(1)	(1)	(1)	194,805	177,509	162,375	(1)	(1)	(1)	18.5	16.7	14.2
175 to 259 acres	112,563	106,473	110,265	114,408	109,777	(1)	11.8	11.5	11.2	10.8	10.3	(1)
180 to 259 acres	(1)	(1)	(1)	108,462	104,289	105,802	(1)	(1)	(1)	10.3	9.8	9.3
260 to 499 acres	164,244	151,731	156,522	164,268	159,569	164,648	17.2	16.4	15.9	15.6	15.0	14.4
500 to 999 acres	100,976	97,468	108,924	114,244	111,935	118,836	10.6	10.5	11.0	10.8	10.6	10.4
1,000 acres and over	220,636	224,472	276,213	309,701	364,069	460,006	23.1	24.3	28.0	29.4	34.3	40.3

SIZE OF FARM	1950							
	Number of farms	All land in farms (1,000 acres)	Cropland harvested (1,000 acres)	Average value of land and buildings		Percent distribution		
				Per farm	Per acre	Number of farms	All land in farms	Crop-land harvested
Total	5,382,162	1,159,789	345,528	\$13,911	\$66.75	100.0	100.0	100.0
Under 10 acres	484,914	2,430	974	5,522	1,066.55	9.0	0.2	0.3
10 to 29 acres	853,608	15,391	8,175	4,981	272.10	15.9	1.3	2.4
30 to 49 acres	624,242	23,945	10,694	5,586	144.25	11.6	2.1	3.1
50 to 99 acres	1,047,801	75,628	30,621	7,760	106.67	19.5	6.5	8.9
50 to 99 acres	426,887	24,736	9,860	6,727	114.94	7.9	2.1	2.9
50 to 69 acres	620,914	50,892	20,761	8,460	102.68	11.5	4.4	6.0
70 to 99 acres	1,102,562	149,942	66,989	13,138	96.27	20.5	12.9	19.4
100 to 179 acres	579,111	67,550	27,856	10,977	94.04	10.8	5.8	8.1
100 to 139 acres	523,451	82,392	39,133	15,524	98.04	9.7	7.1	11.3
140 to 179 acres	487,325	105,388	48,704	20,306	94.31	9.1	9.1	14.1
180 to 259 acres	275,009	54,547	24,283	18,442	93.19	5.1	4.7	7.0
220 to 259 acres	212,316	50,841	24,421	22,708	95.52	3.9	4.4	7.1
260 to 499 acres	478,084	166,584	76,561	27,969	80.03	8.9	14.4	22.2
500 to 999 acres	182,264	125,981	48,596	39,422	57.53	3.4	10.9	14.1
1,000 acres and over	121,362	494,501	54,216	92,478	24.23	2.3	42.6	15.7

<sup>1</sup> Not available.

<sup>2</sup> 0.05 percent or less.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1950, Vol. II.

No. 772.—FARMS—NUMBER, BY COLOR AND TENURE OF OPERATOR, WITH ACREAGE AND VALUE BY TENURE OF OPERATOR: 1910 TO 1950

[See also *Historical Statistics*, series E 19-24, 31-60]

YEAR, COLOR, AND REGION	All farms	Full owner	Part owner	Manager	TENANT	
					Cash <sup>1</sup>	Other
NUMBER OF FARMS						
United States, total:						
1910.....	6,361,502	3,354,897	593,825	58,104	712,294	1,642,382
1920.....	6,448,343	3,366,510	558,580	68,449	480,009	1,974,795
1930.....	6,288,648	2,911,644	656,750	55,889	489,210	2,175,155
1940.....	6,096,799	3,084,138	615,039	36,351	514,438	1,846,833
1945.....	5,859,169	3,301,361	660,502	38,885	402,175	1,456,246
1950.....	5,382,162	3,089,583	824,923	23,527	212,790	1,231,339
White:						
1910.....	5,440,619	3,159,088	548,413	56,560	447,851	1,228,707
1920.....	5,498,454	3,174,109	517,759	66,223	373,835	1,366,528
1930.....	5,372,578	2,752,787	612,887	52,767	387,834	1,566,303
1940.....	5,377,728	2,916,562	581,517	35,634	444,205	1,399,810
1945.....	5,169,954	3,126,212	629,734	38,263	326,787	1,048,958
1950.....	4,801,243	2,936,122	769,573	23,056	171,375	901,117
Nonwhite:						
1910.....	920,883	195,809	45,412	1,544	264,443	413,675
1920.....	949,889	192,401	40,821	2,226	106,174	608,267
1930.....	916,070	158,857	43,863	3,122	101,376	608,852
1940.....	719,071	167,576	33,522	717	70,233	447,023
1945.....	689,215	175,149	30,768	622	75,388	407,288
1950.....	580,919	153,461	55,350	471	41,415	330,222
The South, total:						
1910.....	3,097,547	1,329,390	215,121	16,284	453,060	1,083,692
1920.....	3,206,664	1,405,762	191,463	18,318	219,188	1,371,933
1930.....	3,223,816	1,190,683	224,992	17,358	238,032	1,552,751
1940.....	3,007,170	1,327,690	216,607	13,580	254,351	1,194,942
1945.....	2,881,135	1,509,056	193,607	13,193	232,234	933,045
1950.....	2,652,423	1,411,123	325,999	9,979	119,855	785,467
White:						
1910.....	2,207,406	1,154,100	171,944	15,084	192,094	674,184
1920.....	2,283,750	1,227,204	152,432	16,548	118,913	768,653
1930.....	2,342,129	1,050,187	183,469	16,529	140,112	951,832
1940.....	2,326,904	1,185,788	185,246	13,215	189,667	752,988
1945.....	2,215,722	1,348,076	165,355	12,751	159,092	530,448
1950.....	2,093,333	1,269,641	274,135	9,740	80,293	459,524
Nonwhite:						
1910.....	890,141	175,290	43,177	1,200	260,966	409,508
1920.....	922,914	178,558	39,031	1,770	100,275	603,280
1930.....	881,687	140,496	41,523	829	97,920	600,919
1940.....	680,266	141,902	31,361	365	64,684	441,954
1945.....	665,413	160,980	28,252	442	73,142	402,597
1950.....	559,090	141,482	51,864	239	39,562	325,943
LAND IN FARMS (1,000 acres)						
United States, total:						
1910.....	878,798	464,923	133,631	53,731	67,847	158,666
1920.....	955,884	461,250	175,525	54,129	65,095	199,885
1930.....	986,771	372,450	<sup>2</sup> 245,926	61,986	71,370	235,039
1940.....	1,060,852	382,098	<sup>2</sup> 300,325	66,530	74,889	237,010
1945.....	1,141,615	412,358	<sup>2</sup> 371,251	106,372	61,121	190,513
1950.....	1,158,566	418,970	422,394	105,241	42,203	169,757
VALUE OF FARMS (LAND AND BUILDINGS) (\$1,000)						
United States, total:						
1910.....	34,801,126	17,310,639	5,056,295	1,456,959	10,977,232	
1920.....	66,316,003	30,710,721	9,153,502	2,665,216	6,012,819	17,773,744
1930.....	47,879,838	21,123,468	8,136,335	2,238,478	3,801,132	12,580,426
1940.....	33,641,739	15,297,274	<sup>3</sup> 6,112,411	1,442,657	2,227,608	8,561,788
1945.....	46,388,926	21,106,511	<sup>3</sup> 10,029,155	2,354,563	2,288,430	10,610,267
1950.....	75,260,606	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )

<sup>1</sup> For 1910, standing renters (renters paying a fixed quantity of products) were included with "Cash tenants" for all States; for 1920, those for northern and western States were included with "Cash tenants," and those for the South with "Other tenants."

<sup>2</sup> Of these acreages, operator owned 120,748,000 in 1930, 144,639,000 in 1940, and 192,259,000 in 1945.

<sup>3</sup> Of these values, part owners owned property valued at \$3,564,202,000 in 1940 and \$5,898,871,000 in 1945.

<sup>4</sup> Based on reports for a sample of farms.

<sup>5</sup> Averages only available. See table 775.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II.



## No. 773.—FARMS—NUMBER, BY TENURE OF OPERATOR, BY STATES: 1945 AND 1950

[For total number of farms (all tenures combined), see table 769. See also *Historical Statistics*, series E 19-24]

DIVISION AND STATE	NUMBER OF FARMS OPERATED BY—								TENANTS AS PERCENT OF TOTAL NUMBER	
	Full owners		Part owners		Managers		Tenants		1945	1950
	1945	1950	1945	1950	1945	1950	1945	1950		
United States.....	3,301,361	3,089,583	660,502	824,923	38,885	23,527	1,858,421	1,444,129	31.7	26.8
New England.....	132,943	86,845	9,370	11,784	2,383	817	5,615	3,779	3.7	3.7
Maine.....	38,736	27,180	1,900	2,293	211	102	1,337	783	3.2	2.6
New Hampshire.....	16,606	11,366	1,274	1,490	238	94	668	441	3.6	3.3
Vermont.....	23,300	15,273	1,567	2,741	321	142	1,302	887	4.9	4.7
Massachusetts.....	33,269	18,766	1,903	2,440	868	277	967	737	2.6	3.3
Rhode Island.....	2,745	1,997	433	394	113	31	312	176	8.7	6.8
Connecticut.....	18,287	12,263	2,293	2,426	632	171	1,029	755	4.6	4.8
Middle Atlantic.....	270,001	234,472	35,813	36,987	4,511	1,934	37,152	23,309	10.7	7.9
New York.....	116,070	97,576	19,045	18,934	2,038	833	12,337	7,634	8.3	6.1
New Jersey.....	19,759	19,557	3,221	3,054	575	312	2,671	1,915	10.2	7.7
Pennsylvania.....	134,172	117,339	13,547	14,999	1,898	789	22,144	13,760	12.9	9.4
East North Central.....	588,434	562,255	134,460	144,522	6,346	3,165	224,557	175,462	23.5	19.8
Ohio.....	146,331	134,969	24,835	28,026	1,399	722	48,010	35,642	21.8	17.9
Indiana.....	108,199	105,365	26,891	28,615	978	539	39,902	32,108	22.7	19.3
Illinois.....	87,527	87,234	35,266	39,771	1,680	793	79,766	67,470	39.1	34.6
Michigan.....	126,589	113,914	27,096	27,231	1,047	492	20,536	13,952	11.7	9.0
Wisconsin.....	119,788	120,773	20,372	20,879	1,242	619	36,343	26,290	20.4	15.6
West North Central.....	468,942	482,546	204,908	220,872	4,057	2,520	354,086	276,797	34.3	28.2
Minnesota.....	103,363	106,487	34,354	34,843	750	375	50,485	37,396	26.7	20.9
Iowa.....	94,573	94,833	25,195	30,229	921	561	88,245	77,536	42.2	38.2
Missouri.....	145,426	146,427	31,552	36,674	810	555	65,146	46,389	26.8	20.2
North Dakota.....	22,160	25,483	27,775	25,493	261	125	19,324	14,300	27.8	21.9
South Dakota.....	17,329	20,697	24,898	25,334	312	224	26,166	20,197	38.1	30.4
Nebraska.....	33,622	37,939	24,603	27,164	432	333	53,099	41,747	47.5	38.9
Kansas.....	52,469	50,680	36,531	41,135	571	347	51,621	39,232	36.6	29.9
South Atlantic.....	583,525	546,883	57,915	100,491	6,614	3,936	395,421	307,688	37.9	32.1
Delaware.....	6,527	5,194	629	917	205	72	1,935	1,265	20.8	17.0
Maryland.....	28,386	25,671	2,564	3,387	832	338	9,493	6,711	23.0	18.6
District of Columbia.....	17	16	2	2	20	9	1	1	2.5	3.6
Virginia.....	124,383	108,338	12,219	16,209	1,273	571	35,176	25,879	20.3	17.1
West Virginia.....	78,398	67,583	4,398	5,280	417	218	14,387	8,353	14.7	10.3
North Carolina.....	144,450	142,085	19,835	35,422	550	516	122,577	110,485	42.6	38.3
South Carolina.....	59,757	59,282	7,486	16,495	473	401	80,029	63,186	54.2	45.3
Georgia.....	96,134	95,908	7,217	16,619	1,008	844	121,538	84,820	53.8	42.8
Florida.....	45,473	42,806	3,565	6,160	1,836	967	10,285	6,988	16.8	12.3
East South Central.....	498,413	478,925	52,090	97,736	2,182	2,062	407,144	334,279	42.4	36.6
Kentucky.....	159,889	143,455	14,332	25,493	435	416	63,845	49,112	26.8	22.5
Tennessee.....	139,072	134,670	17,615	28,851	390	377	77,354	67,733	33.0	29.2
Alabama.....	100,072	97,747	13,218	25,716	389	436	109,690	87,613	49.1	41.4
Mississippi.....	99,380	103,053	6,925	17,676	968	833	156,255	129,821	59.3	51.6
West South Central.....	427,118	385,315	83,602	127,772	4,397	3,981	362,714	263,355	41.3	33.7
Arkansas.....	99,694	93,643	9,904	19,640	561	544	88,610	68,602	44.6	37.6
Louisiana.....	58,761	62,810	6,433	11,584	560	588	63,541	49,199	49.1	39.6
Oklahoma.....	70,669	63,723	27,652	33,315	698	481	65,771	44,727	39.9	31.4
Texas.....	197,994	165,139	39,613	63,233	2,578	2,368	144,792	100,827	37.6	30.4
Mountain.....	119,910	112,155	51,262	49,543	2,536	1,922	38,819	31,238	18.3	16.0
Montana.....	16,622	16,090	14,530	13,573	317	267	6,278	5,155	16.6	14.7
Idaho.....	26,109	25,947	6,785	6,890	240	164	8,364	7,283	20.2	18.1
Wyoming.....	5,772	6,008	4,406	4,249	301	214	2,597	2,143	19.9	17.0
Colorado.....	22,986	23,582	10,809	11,255	528	366	13,295	10,375	27.9	22.8
New Mexico.....	18,232	14,533	7,088	5,731	299	278	4,076	3,057	13.7	13.0
Arizona.....	9,064	6,718	1,867	2,115	525	343	1,686	1,236	12.8	11.9
Utah.....	18,483	16,854	5,440	5,371	193	196	2,206	1,755	8.4	7.3
Nevada.....	2,642	2,423	337	359	133	94	317	234	9.2	7.5
Pacific.....	212,075	200,187	31,082	35,216	5,859	3,190	32,913	28,222	11.7	10.6
Washington.....	61,280	53,284	9,042	9,456	596	361	8,969	6,719	11.2	9.6
Oregon.....	47,847	46,069	7,934	8,282	521	273	6,823	5,203	10.8	8.7
California.....	102,948	100,834	14,106	17,478	4,742	2,556	17,121	16,300	12.3	11.9

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1950, Vol. II.

## NO. 774.—FARM ACREAGE, BY TENURE OF OPERATOR, BY STATES: 1945 AND 1950

[In thousands of acres. For total farm acreage (all tenures combined), see table 769. See also *Historical Statistics*, series E 31-35]

DIVISION AND STATE	ALL LAND IN FARMS OPERATED BY--									
	Full owners		Part owners				Managers		Tenants	
			Total		Rented					
1945	1950	1945	1950	1945	1950	1945	1950	1945	1950	
United States.....	412,358	418,970	371,251	422,394	178,992	195,956	106,372	105,241	251,634	211,960
The North.....	170,048	174,825	143,654	153,937	66,541	69,107	9,582	8,092	124,431	103,975
The South.....	178,119	173,812	71,402	108,324	34,350	52,915	29,057	29,834	99,216	81,245
The West.....	64,191	70,333	156,195	160,133	78,101	73,935	67,732	67,316	27,987	26,740
New England:										
Maine.....	4,066	3,522	370	510	101	121	71	70	106	79
New Hampshire.....	1,616	1,265	238	342	72	97	97	50	67	57
Vermont.....	3,260	2,578	368	722	122	213	101	62	202	165
Massachusetts.....	1,650	1,159	216	348	78	110	167	99	45	55
Rhode Island.....	169	122	44	46	20	19	30	9	22	14
Connecticut.....	1,058	770	340	373	128	138	126	55	69	74
Middle Atlantic:										
New York.....	11,872	10,927	3,446	3,712	1,213	1,248	657	308	1,593	1,070
New Jersey.....	1,051	1,008	364	403	136	146	171	113	231	201
Pennsylvania.....	10,434	10,009	1,941	2,285	694	795	493	306	2,152	1,513
East North Central:										
Ohio.....	11,340	10,886	4,069	4,655	1,843	2,141	440	267	6,079	5,160
Indiana.....	8,898	8,619	4,952	5,380	2,373	2,746	331	251	5,846	5,409
Illinois.....	8,929	8,748	7,856	8,882	3,953	4,855	524	364	14,293	12,985
Michigan.....	10,868	10,440	4,530	4,672	1,855	1,900	418	225	2,576	1,933
Wisconsin.....	14,218	14,979	3,695	3,889	1,369	1,388	414	285	5,289	4,068
West North Central:										
Minnesota.....	14,388	16,175	8,857	9,042	3,694	3,736	299	188	9,596	7,478
Iowa.....	12,535	12,431	5,831	7,030	2,587	3,501	314	235	15,774	14,568
Missouri.....	18,102	19,044	7,460	8,736	3,317	3,875	463	420	9,254	6,924
North Dakota.....	8,887	11,852	22,471	21,644	10,347	9,401	444	294	9,200	7,404
South Dakota.....	5,091	7,551	26,579	27,438	14,299	12,188	1,363	1,763	9,998	8,033
Nebraska.....	10,644	12,407	18,832	19,775	7,359	7,899	1,869	2,013	16,408	13,272
Kansas.....	10,972	10,332	21,194	24,052	10,983	12,588	790	714	15,633	13,514
South Atlantic:										
Delaware.....	511	467	94	158	39	62	55	38	264	188
Maryland.....	2,368	2,429	376	563	147	218	278	167	1,177	896
Dist. of Columbia.....	(2)	(2)	(2)	(2)	(2)	(2)	2	1	(2)	(2)
Virginia.....	11,065	10,505	1,643	2,447	602	885	769	531	2,880	2,089
West Virginia.....	6,775	6,410	677	882	261	321	176	116	1,092	806
North Carolina.....	10,482	10,544	1,646	3,148	608	1,283	295	385	6,195	5,240
South Carolina.....	6,042	6,149	919	2,339	357	954	501	585	3,560	2,805
Georgia.....	12,350	14,076	1,396	3,758	510	1,546	1,137	1,454	8,793	6,463
Florida.....	6,402	7,279	3,569	4,985	1,878	2,509	2,281	3,369	833	895
East South Central:										
Kentucky.....	13,457	12,682	1,578	2,852	596	1,098	221	228	4,469	3,681
Tennessee.....	10,886	11,031	1,896	3,162	686	1,317	217	245	4,790	4,097
Alabama.....	10,044	10,639	2,094	4,418	869	2,004	501	683	6,428	5,148
Mississippi.....	11,534	11,756	1,220	3,193	502	1,490	1,148	1,072	5,714	4,691
West South Central:										
Arkansas.....	10,238	10,318	1,777	3,716	760	1,791	614	610	4,828	4,227
Louisiana.....	5,258	5,266	1,128	2,390	569	1,375	850	1,201	2,804	2,345
Oklahoma.....	9,841	9,825	13,435	15,980	6,527	7,495	1,475	1,087	11,410	9,115
Texas.....	50,865	44,438	37,954	54,332	19,440	28,566	18,538	18,062	33,980	28,557
Mountain:										
Montana.....	9,109	10,999	39,642	39,078	18,335	15,776	5,291	4,000	4,745	5,171
Idaho.....	4,812	5,216	5,519	5,819	2,470	2,518	668	650	1,504	1,538
Wyoming.....	3,290	3,808	19,519	20,170	8,052	7,992	7,806	8,382	2,501	2,060
Colorado.....	7,616	9,238	19,976	20,425	8,761	8,244	3,598	3,767	5,027	4,523
New Mexico.....	8,703	7,726	24,570	24,073	14,031	12,063	13,133	12,735	3,023	2,989
Arizona.....	1,534	3,006	11,581	11,892	9,157	8,448	23,568	24,126	1,173	892
Utah.....	3,694	3,686	4,344	4,622	1,904	1,994	1,850	2,202	421	355
Nevada.....	1,533	2,392	1,289	1,611	635	689	3,123	2,855	233	205
Pacific:										
Washington.....	5,003	4,843	7,992	8,535	3,825	4,228	818	1,217	2,908	2,774
Oregon.....	7,708	8,085	8,700	9,094	3,691	3,764	1,569	1,469	1,778	1,679
California.....	11,189	11,336	12,883	14,814	7,241	8,219	6,309	5,911	4,674	4,553

<sup>1</sup> Includes land subrented to others.

<sup>2</sup> 500 acres or less.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II.



**No. 775.—AVERAGE VALUE OF FARMS (LAND AND BUILDINGS), BY TENURE OF OPERATOR, BY STATES: 1945 AND 1950**

[In dollars. Based on reports for a sample of farms. For total value of farms and average value per farm for all tenures combined, see table 769]

DIVISION AND STATE	AVERAGE VALUE PER FARM								AVERAGE VALUE PER ACRE, 1950			
	Full owners		Part owners		Managers		Tenants		Full owners	Part owners	Managers	Tenants
	1945	1950	1945	1950	1945	1950	1945	1950				
<b>United States</b> .....	6,393	10,716	15,184	25,133	60,552	128,255	6,941	12,943	79.06	49.24	34.60	87.93
The North.....	7,262	11,947	15,306	25,873	41,760	75,692	13,178	23,997	91.07	67.80	79.38	109.01
The South.....	4,508	7,588	9,982	16,860	60,530	125,761	3,103	5,818	63.21	50.22	38.91	65.35
The West.....	11,145	19,352	26,847	53,080	99,304	226,324	15,256	31,969	86.49	29.36	23.71	71.51
<b>New England:</b>												
Maine.....	3,577	6,991	6,923	13,642	20,324	63,748	2,752	5,416	52.99	58.27	84.45	52.79
N. H.....	3,810	7,894	6,574	14,465	24,930	44,672	4,217	12,264	73.92	59.18	101.70	88.73
Vermont.....	4,718	9,490	8,201	14,205	16,728	39,823	4,932	10,414	55.57	56.10	84.50	49.59
Massachusetts.....	5,999	12,362	11,926	20,552	43,484	68,928	5,395	9,321	200.54	138.63	225.12	150.96
Rhode Island.....	7,609	14,328	15,714	29,141	49,491	88,147	7,458	10,776	227.34	240.63	196.52	267.18
Connecticut.....	9,127	16,216	16,088	32,286	79,669	169,940	8,628	26,073	260.05	203.76	448.12	198.34
<b>Middle Atlantic:</b>												
New York.....	5,924	10,256	11,179	18,915	49,161	59,238	7,043	12,276	90.39	91.97	196.05	84.69
New Jersey.....	8,913	17,231	16,302	29,879	65,783	77,462	9,934	22,148	228.85	245.34	192.05	192.05
Pennsylvania.....	4,989	8,907	9,208	16,584	38,764	74,683	6,359	13,583	102.81	107.25	202.55	124.50
<b>E. N. Central:</b>												
Ohio.....	6,370	10,948	14,120	23,982	42,560	70,724	10,958	20,670	132.27	139.08	189.22	142.70
Indiana.....	7,172	10,816	16,013	26,969	37,183	74,964	13,818	25,804	126.16	138.42	157.18	154.03
Illinois.....	11,077	16,123	23,092	35,733	48,999	109,688	22,519	38,701	153.95	158.32	224.61	199.23
Michigan.....	5,609	9,219	10,375	16,544	38,258	57,991	8,185	14,243	99.32	94.35	124.36	100.53
Wisconsin.....	7,075	10,817	10,212	16,268	27,991	62,237	9,465	14,941	86.25	86.95	142.67	97.04
<b>W. N. Central:</b>												
Minnesota.....	7,941	12,735	12,112	19,848	28,033	48,516	11,405	20,112	81.94	75.56	118.62	98.73
Iowa.....	14,079	20,985	23,196	26,637	36,274	77,612	18,831	31,945	154.61	156.17	189.52	168.77
Missouri.....	5,078	7,839	10,125	15,219	34,838	71,159	6,766	11,195	59.63	63.14	95.85	74.47
North Dakota.....	8,538	15,085	12,442	21,666	27,832	52,584	8,605	16,163	32.40	26.24	29.33	31.05
South Dakota.....	8,986	15,607	13,316	25,667	37,802	80,244	10,137	19,247	43.14	24.36	10.69	47.72
Nebraska.....	12,144	19,505	21,211	35,796	52,226	134,884	14,058	24,463	57.46	48.77	18.71	77.96
Kansas.....	9,394	14,798	21,659	36,623	42,278	90,408	12,845	24,014	69.66	63.52	49.21	68.89
<b>South Atlantic:</b>												
Delaware.....	6,237	10,982	9,508	20,133	57,420	73,613	7,355	12,501	122.24	113.62	141.13	89.61
Maryland.....	7,370	12,519	12,942	22,009	42,342	71,321	8,131	14,146	129.84	130.44	172.31	99.05
Virginia.....	4,845	8,086	7,181	12,540	45,498	96,407	3,425	5,552	83.70	81.74	99.94	70.42
West Virginia.....	3,375	5,534	5,807	9,111	27,333	55,915	2,742	4,673	59.00	56.88	102.92	51.06
North Carolina.....	3,727	6,530	4,405	8,274	30,179	73,898	2,943	5,558	89.97	95.75	110.13	117.80
South Carolina.....	4,026	6,733	4,471	8,675	33,732	80,863	1,882	3,298	69.27	64.48	68.07	74.65
Georgia.....	3,675	6,036	5,438	9,257	29,492	64,419	1,909	3,230	44.28	42.06	41.12	42.18
Florida.....	6,925	12,768	12,341	20,412	62,959	243,890	2,324	4,907	77.72	28.34	56.75	40.53
<b>E. S. Central:</b>												
Kentucky.....	4,169	6,589	5,255	9,480	72,339	92,102	3,797	7,094	75.04	83.58	183.79	94.49
Tennessee.....	3,860	6,054	5,253	8,805	43,313	64,730	2,906	4,749	75.07	80.32	114.09	78.92
Alabama.....	2,903	4,996	4,749	7,964	38,610	57,341	1,745	3,033	48.07	47.29	39.94	53.07
Mississippi.....	3,333	5,727	5,500	9,884	61,422	103,075	1,400	2,172	51.75	55.45	81.55	61.29
<b>W. S. Central:</b>												
Arkansas.....	3,405	5,410	6,424	11,257	58,676	94,678	2,560	4,905	50.76	60.32	87.19	80.57
Louisiana.....	3,942	6,565	9,079	15,941	77,938	161,537	2,182	3,988	81.87	82.33	76.40	86.56
Oklahoma.....	4,897	8,498	13,575	22,886	40,182	92,519	5,422	11,257	54.05	47.87	44.91	55.48
Texas.....	7,552	14,099	20,444	36,560	105,635	203,122	6,890	16,153	53.81	42.46	22.38	56.44
<b>Mountain:</b>												
Montana.....	8,368	17,831	19,670	39,604	97,533	162,214	9,887	21,947	26.69	14.18	11.09	21.50
Idaho.....	8,960	16,567	21,227	40,790	46,838	78,212	12,451	25,445	83.37	51.94	25.62	126.53
Wyoming.....	9,354	18,495	26,814	51,478	105,786	217,089	10,808	24,155	27.21	11.40	6.89	24.86
Colorado.....	8,227	17,270	18,911	43,231	49,224	196,520	10,905	23,404	43.99	24.34	18.20	57.42
New Mexico.....	5,536	14,498	19,992	53,502	164,885	203,491	8,541	23,870	27.55	13.55	7.10	25.54
Arizona.....	11,151	25,120	39,425	84,234	164,623	375,048	15,878	38,567	52.94	14.80	8.67	52.56
Utah.....	8,029	16,259	14,702	26,764	72,569	100,282	8,812	16,716	74.70	34.48	9.51	76.85
Nevada.....	13,777	29,259	33,897	53,713	142,922	198,599	16,167	22,208	30.13	16.24	10.87	42.89
<b>Pacific:</b>												
Washington.....	7,430	13,019	28,496	51,279	52,720	118,225	17,372	38,415	145.07	56.15	41.74	91.21
Oregon.....	8,233	14,803	24,675	44,149	53,740	135,294	11,737	25,325	86.43	41.85	25.08	81.82
California.....	17,950	27,070	49,493	86,377	106,602	272,856	25,291	47,749	244.63	110.93	109.31	172.93

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II.

# No. 776.—FARMS—NUMBER, ACREAGE, AND AVERAGE VALUE, BY COLOR OF OPERATOR, BY STATES: 1945 AND 1950

[Acreage in thousands; average value in dollars. See also *Historical Statistics*, series E 43-45]

DIVISION AND STATE	NUMBER OF FARMS				ALL LAND IN FARMS				AVERAGE VALUE (LAND AND BUILDINGS) <sup>1</sup>			
	White		Nonwhite		White		Nonwhite		Per farm		Per acre	
	1945	1950	1945	1950	1945	1950	1945	1950	White, 1950	Non- white, 1950	White, 1950	Non- white, 1950
<b>U. S. ....</b>	5, 169, 954	4, 801, 243	689, 215	580, 919	1, 100, 859	1, 095, 919	46, 757	62, 647	(2)	(2)	(2)	(2)
<b>N. E.:</b>												
Maine.....	42, 145	30, 339	39	19	4, 611	4, 180	2	2	(2)	(2)	(2)	(2)
N. H.....	18, 782	13, 386	4	5	2, 017	1, 713	(3)	(3)	(2)	(2)	(2)	(2)
Vt.....	26, 476	19, 032	14	11	3, 928	3, 525	3	2	(2)	(2)	(2)	(2)
Mass.....	36, 653	22, 121	354	99	2, 073	1, 657	6	4	(2)	(2)	(2)	(2)
R. I.....	3, 589	2, 594	14	4	265	191	(3)	(2)	(2)	(2)	(2)	(2)
Conn.....	22, 177	15, 586	64	29	1, 591	1, 271	2	1	(2)	(2)	(2)	(2)
<b>M. A.:</b>												
N. Y.....	148, 828	124, 602	662	375	17, 524	15, 982	45	34	(2)	(2)	(2)	(2)
N. J.....	25, 529	24, 358	697	480	1, 799	1, 710	19	16	(2)	(2)	(2)	(2)
Pa.....	171, 412	146, 609	349	278	15, 001	14, 097	20	16	(2)	(2)	(2)	(2)
<b>E. N. C.:</b>												
Ohio.....	219, 459	198, 420	1, 116	939	21, 851	20, 908	77	61	(2)	(2)	(2)	(2)
Ind.....	175, 594	166, 306	376	321	20, 003	19, 638	24	20	(2)	(2)	(2)	(2)
Ill.....	203, 325	194, 438	914	830	31, 549	30, 926	53	52	(2)	(2)	(2)	(2)
Mich.....	174, 247	154, 792	1, 021	797	18, 334	17, 227	58	43	(2)	(2)	(2)	(2)
Wis.....	177, 466	168, 338	279	223	23, 594	23, 204	21	18	(2)	(2)	(2)	(2)
<b>W. N. C.:</b>												
Minn.....	188, 745	178, 954	207	147	33, 119	32, 862	21	21	(2)	(2)	(2)	(2)
Iowa.....	208, 790	203, 069	144	90	34, 444	34, 256	10	9	(2)	(2)	(2)	(2)
Mo.....	238, 937	226, 813	3, 997	3, 232	35, 101	34, 981	178	142	(2)	(2)	(2)	(2)
N. Dak.....	68, 789	64, 800	731	601	40, 783	40, 925	218	269	(2)	(2)	(2)	(2)
S. Dak.....	67, 156	65, 237	1, 549	1, 215	41, 884	42, 723	1, 148	2, 063	(2)	(2)	(2)	(2)
Nebr.....	111, 547	107, 049	209	134	47, 724	47, 435	29	32	(2)	(2)	(2)	(2)
Kans.....	140, 403	130, 920	789	474	48, 478	48, 553	112	58	(2)	(2)	(2)	(2)
<b>S. A.:</b>												
Del.....	8, 605	7, 056	691	392	888	831	36	20	12, 941	5, 689	115. 28	105. 06
Md.....	37, 057	32, 504	4, 218	3, 603	3, 947	3, 865	253	191	15, 032	5, 419	125. 26	112. 02
D. C.....	37	27	3	1	2	1	(3)	(2)	(2)	(2)	(2)	(2)
Va.....	138, 096	122, 399	34, 955	28, 598	14, 507	14, 021	1, 851	1, 551	9, 574	3, 434	84. 28	63. 93
W. Va.....	96, 900	81, 062	700	372	8, 689	8, 195	30	19	5, 800	3, 930	58. 72	64. 84
N. C.....	213, 139	215, 956	74, 273	72, 552	15, 308	16, 191	3, 310	3, 127	7, 125	4, 524	97. 32	106. 03
S. O.....	78, 609	78, 022	69, 136	61, 342	8, 203	9, 316	2, 819	2, 562	7, 827	2, 765	70. 62	66. 15
Ga.....	155, 486	147, 834	70, 411	50, 357	19, 017	22, 209	4, 658	3, 543	6, 261	2, 523	44. 39	36. 32
Fla.....	50, 724	49, 415	10, 435	7, 506	12, 572	15, 967	511	560	17, 443	2, 509	58. 70	31. 53
<b>E. S. C.:</b>												
Ky.....	232, 542	213, 583	5, 959	4, 893	19, 499	19, 241	226	201	7, 223	3, 695	80. 69	88. 63
Tenn.....	206, 902	207, 570	27, 529	24, 061	16, 668	17, 514	1, 121	1, 021	6, 460	3, 103	77. 44	73. 49
Ala.....	156, 139	154, 218	67, 230	57, 294	15, 600	17, 974	3, 468	2, 915	5, 625	1, 968	50. 57	38. 98
Miss.....	121, 215	128, 294	142, 313	123, 089	14, 393	16, 118	5, 223	4, 592	6, 838	1, 990	56. 35	54. 40
<b>W. S. C.:</b>												
Ark.....	147, 494	141, 588	51, 275	40, 841	15, 728	17, 413	1, 728	1, 458	7, 039	2, 556	59. 34	70. 29
La.....	80, 164	83, 525	49, 131	40, 656	8, 335	9, 802	1, 705	1, 400	9, 057	2, 648	83. 25	77. 28
Okla.....	153, 586	133, 228	11, 204	9, 018	35, 040	35, 056	1, 121	951	13, 622	3, 642	51. 83	35. 25
Tex.....	339, 027	297, 052	45, 950	34, 515	138, 628	143, 224	2, 710	2, 165	22, 071	3, 156	46. 07	52. 17
<b>Mt.:</b>												
Mont.....	36, 508	34, 281	1, 239	804	57, 820	57, 988	967	1, 259	(2)	(2)	(2)	(2)
Idaho.....	40, 961	39, 824	537	460	12, 451	13, 047	53	177	(2)	(2)	(2)	(2)
Wyo.....	12, 751	12, 391	325	223	32, 814	32, 323	302	2, 098	(2)	(2)	(2)	(2)
Colo.....	47, 008	45, 150	610	428	35, 531	37, 126	687	828	(2)	(2)	(2)	(2)
N. Mex.....	27, 895	21, 815	1, 800	1, 784	46, 451	40, 828	3, 157	6, 694	(2)	(2)	(2)	(2)
Ariz.....	12, 136	9, 317	1, 006	1, 095	35, 960	20, 428	1, 896	19, 489	(2)	(2)	(2)	(2)
Utah.....	25, 893	23, 851	429	325	10, 277	10, 130	32	735	(2)	(2)	(2)	(2)
Nev.....	2, 987	2, 753	442	357	5, 838	6, 122	340	941	(2)	(2)	(2)	(2)
<b>Pac.:</b>												
Wash.....	79, 078	68, 944	809	876	16, 616	16, 858	103	511	(2)	(2)	(2)	(2)
Oreg.....	62, 687	59, 337	438	490	19, 666	19, 921	88	407	(2)	(2)	(2)	(2)
Calif.....	136, 279	132, 484	2, 638	4, 684	34, 738	36, 245	317	369	(2)	(2)	(2)	(2)

<sup>1</sup> Based on reports for a sample of farms.    <sup>2</sup> Not available.    <sup>3</sup> 500 acres or less.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II.



No. 777.—MORTGAGED FARMS—NUMBER, ACREAGE, VALUE, AND AMOUNT OF INDEBTEDNESS IN COMPARISON WITH ALL FARMS, BY TENURE AND REGION: 1935 TO 1950

MORTGAGED FARMS

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REGION AND TENURE	FARMS			LAND IN FARMS			VALUE OF FARMS (LAND AND BUILDINGS)			MORTGAGE DEBT				Equity per mortgaged farm
	Total number	Mortgaged farms		All farms, acres (1,000)	Mortgaged farms		All farms (\$1,000)	Mortgaged farms		Total (\$1,000)	Ratio to value of mortgaged farms (percent)	Debt to acre	Debt per farm	
		Number	Per- cent of total		Acres (1,000)	Per- cent of total		Amount (\$1,000)	Per- cent of total					
United States, all tenures	6,812,350	2,350,313	34.5	1,054,515	(1)	(1)	32,858,844	(1)	(1)	7,584,459	(1)	\$3,227	(1)	
1935	6,096,799	2,363,777	38.8	1,060,852	457,374	43.1	33,641,739	15,873,779	47.2	6,586,399	41.5	\$14.40	\$3,929	
1940	5,859,169	1,713,855	29.3	1,141,615	373,123	32.7	46,388,926	16,375,954	35.3	4,940,915	30.2	13.24	6,672	
1945	5,382,134	1,480,401	27.5	1,158,505	303,610	26.2	74,704,678	22,019,126	29.5	5,579,278	25.3	18.38	11,125	
Full owners	3,210,224	1,270,107	39.6	390,978	181,868	46.5	14,824,645	7,338,406	49.5	3,682,364	50.2	20.25	2,879	
1935	3,084,138	1,278,312	41.4	382,098	180,452	47.2	15,297,274	7,887,163	51.6	3,353,376	42.5	18.58	3,547	
1940	3,301,361	997,205	30.2	412,358	149,106	36.2	21,106,511	8,166,198	38.7	2,689,787	32.9	18.04	5,492	
1945	3,089,567	894,056	28.9	418,970	135,343	32.3	32,690,992	11,273,372	34.5	3,116,297	27.6	23.03	3,123	
Part owners (owned portion only) <sup>2</sup>	688,867	349,058	50.7	131,703	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
1935	615,039	336,416	54.7	144,639	93,882	64.9	3,564,202	2,358,403	66.2	1,105,664	46.9	11.78	3,724	
1940	660,502	273,929	41.5	192,259	89,897	46.8	5,898,871	2,862,721	48.5	875,036	30.6	9.73	7,256	
1945	924,921	281,475	34.1	228,304	90,079	39.5	11,440,118	4,585,278	40.1	1,178,637	25.7	13.08	12,103	
Tenant- and manager-operated farms (including rented portion of owner farms) <sup>3</sup>	2,913,259	731,148	25.1	531,834	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
1935	2,397,622	749,045	31.2	534,115	183,040	34.3	14,780,262	5,628,213	38.1	2,127,359	37.8	11.62	(1)	
1940	1,897,306	442,721	23.3	536,998	134,119	25.0	19,383,544	5,347,035	27.6	1,376,092	25.7	10.26	(1)	
1945	1,467,646	304,830	20.8	511,291	73,188	15.3	30,574,468	6,190,476	20.2	1,284,344	20.7	16.43	(1)	
The North, all tenures	2,819,468	1,125,410	39.9	441,953	(1)	(1)	19,024,668	9,026,399	47.7	4,789,206	(1)	4,255	(1)	
1935	2,579,959	1,127,655	43.7	435,088	191,630	44.0	18,909,131	9,026,399	47.7	4,122,159	45.7	21.51	3,349	
1940	2,483,578	885,978	35.7	447,715	164,709	36.8	25,401,414	9,495,694	37.4	4,031,631	31.9	18.41	2,297	
1945	2,268,066	726,097	32.0	440,828	124,320	28.2	38,047,805	11,314,672	29.7	2,986,114	26.4	24.02	11,470	
The South, all tenures	3,421,923	988,780	28.8	376,206	(1)	(1)	8,736,858	(1)	(1)	1,657,153	(1)	1,676	(1)	
1935	3,007,170	1,003,319	33.4	370,168	163,471	44.2	9,716,128	4,220,891	43.4	1,502,187	35.6	9.19	2,710	
1940	2,881,135	660,309	22.9	377,795	115,409	30.5	13,148,834	4,073,520	31.0	1,184,935	29.1	10.27	4,375	
1945	2,652,395	593,113	22.1	393,214	102,683	26.1	22,608,745	6,122,049	27.1	1,470,261	24.0	14.32	7,987	
The West, all tenures	570,959	236,093	41.4	236,356	(1)	(1)	5,097,317	(1)	(1)	1,138,100	(1)	4,821	(1)	
1935	509,670	232,763	45.7	255,596	102,273	40.0	5,016,480	2,626,489	52.4	962,053	36.6	9.41	7,151	
1940	494,456	167,568	33.9	316,105	93,004	29.4	7,838,677	2,805,740	35.8	724,349	25.8	7.79	12,421	
1945	461,673	168,191	36.4	324,523	76,607	23.6	14,048,127	4,612,405	32.8	1,122,903	24.3	14.66	20,747	

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Bureau of Agricultural Economics; cooperative report, *Farm Mortgage Debt* (U. S. Census of Agriculture: 1960, Vol. V, pt. 8).

<sup>1</sup> Not available.  
<sup>2</sup> Acres, value, and debt for part-owner farms are for owned portion only; rented portion included with data for tenants and managers.  
<sup>3</sup> Averages per farm not shown because acres and value include rented portion of part-owner farms.

# No. 778.—MORTGAGED FARMS—NUMBER, AMOUNT OF INDEBTEDNESS, ACREAGE, AND VALUE, BY STATES: 1945 AND 1950

DIVISION AND STATE	TOTAL NUMBER OF MORTGAGED FARMS		PERCENT OF ALL FARMS		TOTAL AMOUNT OF FARM-MORTGAGE DEBT (\$1,000)		ALL MORTGAGED FARMS					
							Acreage (1,000)		Value of land and buildings (\$1,000)		Ratio of debt to value (percent)	
	1945	1950	1945	1950	1945	1950	1945	1950	1945	1950	1945	1950
<b>U. S.</b>	<b>1,713,855</b>	<b>1,480,401</b>	<b>29.3</b>	<b>27.5</b>	<b>4,940,915</b>	<b>5,579,278</b>	<b>373,123</b>	<b>303,610</b>	<b>16,375,954</b>	<b>22,049,126</b>	<b>30.2</b>	<b>25.3</b>
<b>New England</b>	<b>53,274</b>	<b>41,087</b>	<b>35.4</b>	<b>39.8</b>	<b>114,860</b>	<b>141,975</b>	<b>5,208</b>	<b>4,863</b>	<b>358,160</b>	<b>500,458</b>	<b>32.1</b>	<b>28.4</b>
Maine	10,670	8,868	25.3	29.2	16,713	20,470	1,322	1,258	50,895	72,318	32.8	28.0
N. H.	6,058	5,368	32.2	40.1	9,706	15,570	650	665	27,649	50,169	35.1	31.0
Vt.	9,597	8,772	36.2	46.1	21,975	31,855	1,643	1,645	54,385	92,426	40.4	34.5
Mass.	17,128	10,429	46.3	46.9	36,778	38,825	934	724	117,631	141,239	31.3	27.5
R. I.	1,300	1,020	36.1	39.3	3,583	4,227	77	70	12,143	18,061	29.5	23.4
Conn.	8,521	6,630	38.3	42.5	26,105	31,028	583	501	95,457	126,245	27.3	24.6
<b>Middle Atlantic</b>	<b>112,727</b>	<b>99,359</b>	<b>32.4</b>	<b>33.5</b>	<b>293,793</b>	<b>373,125</b>	<b>11,801</b>	<b>10,850</b>	<b>831,371</b>	<b>1,249,579</b>	<b>35.3</b>	<b>29.9</b>
N. Y.	55,828	46,765	37.3	37.4	147,200	169,428	6,765	5,959	418,734	568,868	35.2	29.8
N. J.	10,785	9,818	41.1	39.5	39,235	55,916	744	640	123,378	210,343	31.8	26.6
Pa.	46,114	42,776	26.8	29.1	107,358	147,781	4,292	4,250	289,259	470,368	37.1	31.4
<b>E. N. Central</b>	<b>323,707</b>	<b>277,725</b>	<b>33.9</b>	<b>31.4</b>	<b>1,020,938</b>	<b>1,133,401</b>	<b>40,246</b>	<b>32,532</b>	<b>3,472,210</b>	<b>4,186,049</b>	<b>29.4</b>	<b>27.1</b>
Ohio	60,941	58,866	27.6	29.5	167,463	228,681	5,992	5,684	528,859	810,493	31.7	28.2
Ind.	65,790	57,129	37.4	34.3	176,468	200,425	7,785	6,452	694,248	859,348	25.4	23.3
Ill.	50,458	45,970	24.7	23.5	269,946	265,755	8,801	6,521	1,136,846	1,185,777	23.7	22.4
Mich.	65,391	48,896	37.3	31.4	144,988	155,614	6,983	4,931	446,994	496,918	32.4	31.3
Wis.	81,127	66,864	45.6	39.7	262,072	283,026	10,684	8,944	665,263	833,513	39.4	34.0
<b>W. N. Central</b>	<b>396,270</b>	<b>307,926</b>	<b>38.4</b>	<b>31.3</b>	<b>1,602,040</b>	<b>1,337,613</b>	<b>107,454</b>	<b>76,076</b>	<b>4,834,953</b>	<b>5,378,586</b>	<b>33.1</b>	<b>24.9</b>
Minn.	83,255	64,999	44.1	36.3	304,641	276,807	15,127	11,805	864,356	966,872	35.2	28.6
Iowa	86,967	67,802	41.6	33.4	525,939	433,878	15,154	11,537	1,584,858	1,791,683	33.2	24.2
Mo.	81,466	72,419	33.5	31.5	197,529	167,053	12,434	10,017	562,861	654,343	35.1	25.5
N. Dak.	27,648	19,213	39.8	29.4	91,461	69,108	14,048	10,099	260,868	300,966	35.1	23.0
S. Dak.	29,319	19,662	42.7	29.6	106,761	87,536	15,457	10,715	297,560	349,516	35.9	25.1
Nebr.	41,113	29,509	36.8	27.5	204,174	157,956	19,019	12,597	649,611	683,229	31.4	23.1
Kans.	46,602	34,322	33.0	26.1	171,535	145,275	16,216	9,306	614,839	631,977	27.9	23.0
<b>S. Atlantic</b>	<b>209,537</b>	<b>193,800</b>	<b>20.1</b>	<b>20.2</b>	<b>335,712</b>	<b>442,830</b>	<b>24,238</b>	<b>22,441</b>	<b>1,088,358</b>	<b>1,696,579</b>	<b>30.8</b>	<b>26.1</b>
Del.	2,706	2,033	29.1	27.3	6,498	9,659	282	232	20,281	27,744	32.0	34.8
Md.	13,884	11,863	33.6	32.9	40,627	53,640	1,564	1,281	128,688	183,559	31.6	29.2
Va.	30,072	23,915	17.4	15.8	61,765	74,722	3,602	2,764	220,114	272,812	28.1	27.4
W. Va.	12,411	12,747	12.7	15.6	13,658	24,804	1,456	1,429	59,724	90,481	31.2	27.4
N. C.	48,341	49,865	16.8	17.3	73,917	89,010	3,955	3,637	223,242	349,835	33.1	25.4
S. C.	32,892	27,565	22.3	19.8	37,590	41,128	3,048	2,357	118,759	177,949	31.7	23.1
Ga.	57,361	52,167	25.4	26.3	66,344	84,072	7,535	6,696	203,727	313,643	32.6	26.8
Fla.	11,870	13,645	19.4	24.0	30,313	65,795	2,796	4,046	113,823	280,556	26.6	23.4
<b>E. S. Central</b>	<b>222,558</b>	<b>202,203</b>	<b>23.2</b>	<b>22.1</b>	<b>297,320</b>	<b>372,436</b>	<b>20,606</b>	<b>18,662</b>	<b>925,198</b>	<b>1,385,516</b>	<b>32.1</b>	<b>26.9</b>
Ky.	44,713	41,717	18.7	19.1	81,579	102,902	4,486	3,966	276,311	373,259	29.5	27.6
Tenn.	42,942	46,540	18.3	20.1	65,433	88,015	4,033	3,772	210,227	337,695	31.1	26.1
Ala.	60,419	50,213	27.0	23.7	66,564	80,295	6,120	5,438	188,291	304,798	35.4	26.3
Miss.	74,484	63,733	28.3	25.4	83,744	101,224	5,967	5,485	250,369	360,764	33.4	27.4
<b>W. S. Central</b>	<b>228,214</b>	<b>190,110</b>	<b>26.0</b>	<b>24.4</b>	<b>551,903</b>	<b>654,995</b>	<b>70,566</b>	<b>61,580</b>	<b>2,059,964</b>	<b>3,039,954</b>	<b>26.8</b>	<b>21.5</b>
Ark.	47,509	40,153	23.9	22.0	63,695	85,329	5,036	4,872	224,206	334,885	28.4	25.5
La.	28,872	23,021	22.3	18.5	48,070	52,195	3,043	2,486	153,409	221,337	31.3	23.6
Okla.	50,387	40,211	30.6	28.3	116,780	116,917	12,887	9,557	383,736	491,035	30.4	23.8
Tex.	101,446	86,725	26.4	26.2	323,358	400,554	49,600	44,664	1,298,613	1,992,697	24.9	20.1
<b>Mountain</b>	<b>68,460</b>	<b>70,025</b>	<b>32.2</b>	<b>35.9</b>	<b>262,291</b>	<b>424,502</b>	<b>66,387</b>	<b>56,017</b>	<b>959,294</b>	<b>1,779,218</b>	<b>27.3</b>	<b>23.9</b>
Mont.	10,544	10,830	27.9	30.9	41,684	62,449	15,777	13,584	152,659	272,099	27.3	23.0
Idaho	17,124	15,745	41.3	39.1	58,494	79,299	5,144	4,270	216,590	333,580	27.0	23.8
Wyo.	5,845	5,295	44.7	42.0	24,951	35,852	12,555	9,270	97,749	159,555	25.5	22.5
Colo.	16,357	17,529	34.4	38.5	58,064	105,209	12,483	11,580	197,413	424,888	29.4	24.8
N. Mex.	5,291	6,934	17.8	29.4	24,924	47,699	12,754	9,798	102,676	214,545	24.3	22.2
Ariz.	3,731	3,922	28.4	37.7	22,334	38,751	3,096	3,318	78,724	155,346	28.4	24.9
Utah	8,634	8,767	32.8	36.3	25,720	42,312	3,237	2,584	92,875	174,566	27.7	24.2
Nev.	934	1,003	27.2	32.2	6,120	12,931	1,340	1,612	20,608	44,639	29.7	29.0
<b>Pacific</b>	<b>99,108</b>	<b>98,166</b>	<b>35.2</b>	<b>36.8</b>	<b>462,058</b>	<b>698,401</b>	<b>26,617</b>	<b>20,590</b>	<b>1,846,446</b>	<b>2,833,187</b>	<b>25.0</b>	<b>24.7</b>
Wash.	22,934	23,811	28.7	34.1	73,995	123,010	4,609	4,018	261,355	458,713	28.3	26.8
Oreg.	20,809	22,147	33.0	37.0	69,218	114,531	8,418	7,148	253,914	432,049	27.3	26.5
Calif.	55,365	52,208	39.9	38.1	318,845	460,860	13,590	9,424	1,331,177	1,942,425	24.0	25.3

<sup>1</sup> For 1945 includes data for District of Columbia.

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Bureau of Agricultural Economics; cooperative report, *Farm Mortgage Debt (U. S. Census of Agriculture: 1950, Vol. V, pt. 8)*.



No. 779.—FARM-MORTGAGE DEBT—TOTAL AMOUNT OUTSTANDING, BY STATES:  
1947 TO 1954

[In thousands of dollars. As of January 1]

DIVISION AND STATE	1947	1948	1949	1950	1951	1952	1953	1954
<b>United States.....</b>	<b>4,896,970</b>	<b>5,064,245</b>	<b>5,288,331</b>	<b>5,579,278</b>	<b>6,071,345</b>	<b>6,588,270</b>	<b>7,154,038</b>	<b>7,656,186</b>
<b>New England.....</b>	<b>122,809</b>	<b>131,359</b>	<b>136,299</b>	<b>141,975</b>	<b>149,314</b>	<b>156,962</b>	<b>168,872</b>	<b>177,103</b>
Maine.....	19,139	19,755	19,858	20,470	21,010	21,739	22,578	24,304
New Hampshire.....	12,089	13,462	14,250	15,570	17,936	19,436	21,460	23,568
Vermont.....	27,025	28,936	30,791	31,855	33,522	35,266	38,323	40,371
Massachusetts.....	34,899	37,938	37,886	38,825	40,643	42,772	47,145	47,488
Rhode Island.....	3,581	3,710	3,989	4,227	4,589	4,878	4,992	5,265
Connecticut.....	26,076	27,558	29,525	31,028	31,614	32,871	34,374	36,107
<b>Middle Atlantic.....</b>	<b>318,639</b>	<b>341,092</b>	<b>361,132</b>	<b>373,125</b>	<b>389,820</b>	<b>416,794</b>	<b>449,870</b>	<b>484,358</b>
New York.....	155,172	160,002	166,085	169,428	176,958	186,234	204,296	210,691
New Jersey.....	43,439	47,929	54,479	55,916	59,773	66,985	73,121	84,430
Pennsylvania.....	120,028	133,161	140,568	147,781	153,089	163,575	172,453	189,237
<b>East North Central.....</b>	<b>987,400</b>	<b>1,023,410</b>	<b>1,072,581</b>	<b>1,133,401</b>	<b>1,211,020</b>	<b>1,291,419</b>	<b>1,373,205</b>	<b>1,435,256</b>
Ohio.....	179,641	195,977	214,660	228,681	250,272	269,838	289,400	303,168
Indiana.....	170,601	178,200	187,193	200,425	216,494	234,855	250,132	260,905
Illinois.....	247,094	242,153	249,210	265,755	280,787	299,856	315,773	331,407
Michigan.....	143,606	148,549	152,815	155,514	166,624	177,022	191,381	201,336
Wisconsin.....	246,458	258,531	268,703	283,026	296,843	309,848	326,519	338,440
<b>West North Central.....</b>	<b>1,378,083</b>	<b>1,297,124</b>	<b>1,281,475</b>	<b>1,337,613</b>	<b>1,436,930</b>	<b>1,528,260</b>	<b>1,608,209</b>	<b>1,671,205</b>
Minnesota.....	275,985	267,299	265,279	276,807	291,507	305,270	316,427	323,869
Iowa.....	441,110	409,626	411,800	433,878	466,424	498,081	520,937	530,776
Missouri.....	179,628	174,493	169,419	167,053	185,971	202,920	220,177	232,719
North Dakota.....	76,720	70,524	67,099	69,108	70,002	70,551	74,184	79,014
South Dakota.....	95,088	85,610	82,481	87,536	93,964	100,078	106,122	112,244
Nebraska.....	165,398	151,134	147,302	157,956	169,308	177,012	186,934	195,511
Kansas.....	144,154	138,438	138,095	145,275	159,754	174,348	183,428	197,072
<b>South Atlantic.....</b>	<b>385,086</b>	<b>421,259</b>	<b>443,718</b>	<b>442,830</b>	<b>509,939</b>	<b>582,235</b>	<b>655,365</b>	<b>711,758</b>
Delaware.....	6,921	8,015	8,890	9,659	10,017	10,532	11,304	11,785
Maryland <sup>1</sup> .....	44,064	48,891	50,358	53,640	59,509	65,083	70,706	74,605
Virginia.....	65,635	68,363	72,413	74,722	82,206	90,744	99,181	106,691
West Virginia.....	20,518	22,767	23,825	24,804	26,990	29,381	31,179	32,649
North Carolina.....	90,085	98,748	100,757	89,010	105,590	122,098	140,367	155,096
South Carolina.....	39,306	40,651	41,784	41,128	46,019	50,099	56,041	61,551
Georgia.....	77,745	84,326	86,179	84,072	100,949	118,072	133,109	146,056
Florida.....	40,812	49,498	59,612	65,795	78,659	96,226	113,478	123,325
<b>East South Central.....</b>	<b>319,530</b>	<b>337,409</b>	<b>352,834</b>	<b>372,436</b>	<b>412,484</b>	<b>445,731</b>	<b>486,312</b>	<b>522,813</b>
Kentucky.....	84,794	90,428	96,094	102,902	115,669	125,645	135,813	145,331
Tennessee.....	71,125	77,638	82,327	88,015	96,074	105,041	112,865	118,912
Alabama.....	69,692	73,007	76,111	80,295	87,852	93,695	101,613	109,953
Mississippi.....	93,919	96,336	98,302	101,224	112,889	121,350	136,021	148,617
<b>West South Central.....</b>	<b>554,396</b>	<b>584,142</b>	<b>615,509</b>	<b>654,995</b>	<b>722,422</b>	<b>786,116</b>	<b>883,503</b>	<b>968,363</b>
Arkansas.....	70,926	77,083	81,168	85,329	95,161	104,849	116,536	126,356
Louisiana.....	49,889	50,791	50,702	52,195	57,749	62,749	70,137	76,399
Oklahoma.....	107,309	107,477	110,911	116,917	132,122	144,993	164,670	177,527
Texas.....	326,272	348,791	372,728	400,554	437,390	473,525	532,160	588,081
<b>Mountain.....</b>	<b>296,317</b>	<b>340,612</b>	<b>382,467</b>	<b>424,502</b>	<b>482,353</b>	<b>533,849</b>	<b>590,164</b>	<b>657,608</b>
Montana.....	45,141	49,129	55,649	62,449	70,397	78,552	86,941	96,393
Idaho.....	58,784	64,847	71,994	79,299	89,714	100,157	108,068	118,489
Wyoming.....	26,012	28,751	32,596	35,852	42,380	47,995	53,911	61,230
Colorado.....	69,864	81,304	94,298	105,209	120,664	135,926	151,469	168,633
New Mexico.....	30,589	39,058	43,713	47,699	54,476	60,688	69,798	77,683
Arizona.....	28,623	33,118	35,163	38,751	44,450	47,039	49,806	56,551
Utah.....	29,211	34,486	37,721	42,312	45,762	47,679	52,449	58,810
Nevada.....	8,093	9,919	11,333	12,931	14,501	15,813	17,722	19,819
<b>Pacific.....</b>	<b>534,710</b>	<b>587,838</b>	<b>642,316</b>	<b>698,401</b>	<b>757,063</b>	<b>846,904</b>	<b>938,538</b>	<b>1,027,722</b>
Washington.....	82,185	93,363	105,686	123,010	132,117	141,133	150,766	162,245
Oregon.....	84,350	93,317	102,968	114,531	125,480	141,151	155,427	166,581
California.....	368,175	401,158	433,662	460,860	499,466	564,620	632,345	699,896

<sup>1</sup> Includes District of Columbia.Source: Department of Agriculture, Agricultural Research Service; *Agricultural Finance Review* and releases.

No. 780.—CASH RECEIPTS FROM FARM MARKETINGS AND GOVERNMENT PAYMENTS,  
BY STATES: 1953 and 1954

[In millions of dollars]

DIVISION AND STATE	1953				1954			
	Total farm market- ings	Crops	Live- stock and products	Govern- ment pay- ments	Total farm market- ings	Crops	Live- stock and products	Govern- ment pay- ments
<b>United States</b> .....	31,412.9	14,149.5	17,263.4	213.1	29,953.9	13,270.4	16,683.5	257.3
<b>New England</b> .....	775.8	219.4	556.4	3.5	711.0	200.8	510.2	3.1
Maine.....	175.4	62.6	112.9	1.0	147.7	47.1	100.5	.8
New Hampshire.....	72.8	11.8	61.0	.5	67.4	11.3	56.1	.3
Vermont.....	110.2	11.9	98.3	1.0	106.2	12.8	93.4	1.1
Massachusetts.....	208.8	67.3	141.5	.5	192.3	64.2	128.1	.5
Rhode Island.....	26.6	7.7	18.9	.1	25.4	7.8	17.6	.1
Connecticut.....	182.0	58.1	123.9	.5	172.0	57.5	114.4	.4
<b>Middle Atlantic</b> .....	2,041.0	567.7	1,473.3	10.9	1,902.5	538.0	1,364.5	8.6
New York.....	874.7	259.4	615.3	4.9	816.9	242.6	574.3	3.8
New Jersey.....	364.7	126.8	237.9	.8	336.8	120.1	216.7	.9
Pennsylvania.....	801.6	181.5	620.1	5.1	748.9	175.4	573.5	4.0
<b>East North Central</b> .....	6,032.5	1,947.8	4,084.7	33.1	5,824.6	1,924.1	3,900.5	31.6
Ohio.....	1,112.4	374.1	738.3	6.4	1,080.5	376.8	703.7	6.5
Indiana.....	1,151.2	358.3	792.9	5.5	1,136.3	375.2	761.0	6.1
Illinois.....	2,007.5	800.5	1,206.9	9.3	1,956.1	785.5	1,170.6	7.7
Michigan.....	706.7	285.3	421.5	5.7	659.2	264.2	394.9	5.7
Wisconsin.....	1,054.7	129.6	925.1	6.2	992.5	122.3	870.2	5.6
<b>West North Central</b> .....	7,824.7	2,520.3	5,304.4	53.8	7,593.9	2,378.8	5,215.1	56.8
Minnesota.....	1,284.1	371.5	912.6	8.1	1,231.1	375.9	855.2	9.2
Iowa.....	2,386.3	479.4	1,906.9	10.3	2,347.2	456.0	1,891.2	9.5
Missouri.....	1,062.6	303.2	759.4	10.8	1,036.4	299.1	737.3	9.1
North Dakota.....	480.9	334.4	146.5	5.6	428.0	286.8	141.3	6.0
South Dakota.....	528.6	172.5	356.0	5.1	530.9	182.2	348.8	5.7
Nebraska.....	1,111.2	389.5	721.7	7.9	1,067.6	329.7	737.9	8.6
Kansas.....	971.0	469.7	501.3	6.0	952.5	449.1	503.5	8.6
<b>South Atlantic</b> .....	3,430.2	2,089.3	1,340.9	21.9	3,270.9	1,988.6	1,282.3	26.8
Delaware.....	103.4	24.0	79.4	.3	93.7	23.5	70.2	.4
Maryland.....	265.7	83.8	181.9	1.1	245.4	81.0	164.5	1.4
Virginia.....	468.9	192.2	276.7	4.3	453.8	196.0	257.8	4.7
West Virginia.....	126.1	27.2	98.9	1.3	123.1	28.3	94.8	1.3
North Carolina.....	904.0	683.9	220.1	3.9	926.5	710.1	216.4	6.1
South Carolina.....	385.2	292.8	92.4	2.9	315.1	227.2	87.9	2.8
Georgia.....	647.2	383.5	263.7	4.7	566.4	303.1	263.3	6.6
Florida.....	529.7	401.9	127.8	3.3	546.9	419.5	127.3	3.5
<b>East South Central</b> .....	2,107.5	1,305.9	801.6	18.8	1,906.2	1,129.5	776.7	26.4
Kentucky.....	543.9	277.2	266.7	6.1	555.6	301.8	253.8	6.4
Tennessee.....	479.2	256.5	222.7	5.5	453.3	240.9	212.4	8.6
Alabama.....	422.1	262.4	159.7	4.5	377.3	211.8	165.5	5.5
Mississippi.....	662.3	509.9	152.4	2.7	520.1	375.0	145.0	5.9
<b>West South Central</b> .....	3,475.1	2,089.3	1,385.8	26.8	3,325.2	1,951.6	1,373.6	45.8
Arkansas.....	563.3	382.5	180.8	3.5	541.0	369.2	171.7	5.4
Louisiana.....	411.9	298.3	113.6	6.7	362.2	250.4	111.7	11.3
Oklahoma.....	577.4	284.8	292.6	5.3	527.9	237.1	290.8	6.2
Texas.....	1,922.5	1,123.7	798.8	11.3	1,894.2	1,094.8	799.4	22.8
<b>Mountain</b> .....	2,133.0	1,127.8	1,005.2	28.0	1,980.6	959.3	1,021.3	33.8
Montana.....	372.2	221.3	150.9	5.1	368.0	211.6	156.4	5.5
Idaho.....	348.6	209.8	138.8	3.8	322.4	184.1	138.3	5.9
Wyoming.....	128.8	33.1	95.7	3.4	125.7	25.5	100.2	3.3
Colorado.....	483.3	205.9	277.4	10.3	426.9	148.5	278.4	11.2
New Mexico.....	188.5	94.1	94.4	1.2	186.6	85.3	101.3	2.8
Arizona.....	415.1	315.6	99.5	1.3	364.8	261.7	103.1	2.1
Utah.....	153.9	41.6	112.3	2.5	144.5	37.0	107.5	2.7
Nevada.....	42.6	6.4	36.2	.3	41.8	5.7	36.1	.4
<b>Pacific</b> .....	3,593.3	2,282.0	1,311.3	16.3	3,438.9	2,199.7	1,239.2	24.4
Washington.....	591.5	401.9	189.5	3.6	563.8	385.7	178.1	4.5
Oregon.....	403.4	226.4	177.0	2.7	383.9	217.3	166.6	5.1
California.....	2,598.4	1,653.7	944.7	10.0	2,491.2	1,596.7	894.5	14.8

Source: Department of Agriculture, Agricultural Marketing Service; The Farm Income Situation.



## No. 781.—FARM INCOME, PRICES RECEIVED AND PAID BY FARMERS: 1930 TO 1954

[Farm income in millions of dollars. See also *Historical Statistics*, series E 88-104]

ITEM	1930	1935	1940	1945	1950	1951	1952	1953	1954 (prel.)
<b>FARM INCOME</b>									
Gross income.....	11,420	9,585	10,920	25,323	32,066	36,944	36,842	35,430	33,847
Cash receipts, total.....	9,050	7,647	9,056	22,125	28,611	33,085	32,968	31,626	30,211
Crops.....	3,864	2,957	3,435	9,419	12,352	13,187	14,248	14,150	13,270
Livestock and livestock products.....	5,186	4,117	4,897	11,964	15,976	19,612	18,445	17,263	16,684
Government payments.....		573	724	742	283	236	275	213	257
Value of home consumption.....	1,540	1,317	1,239	2,218	2,007	2,243	2,159	2,053	1,895
Rental value of dwellings.....	830	621	625	980	1,448	1,616	1,715	1,751	1,741
Total expenses of agricultural production.....	6,990	5,085	6,622	13,037	19,704	22,404	23,216	22,155	21,863
Net income of farm operators from current operations.....	4,430	4,500	4,298	12,286	12,362	14,540	13,626	13,275	11,984
Adjustment for inventory changes.....	-300	+536	+270	-462	+923	+1,236	+648	-796	+318
Farm wages to laborers living on farms.....	805	551	731	1,617	1,909	2,051	2,105	2,139	2,039
Net cash income to persons on farms from farming.....	3,055	3,117	2,857	10,785	9,618	11,116	10,675	11,108	10,657
<b>INDEX NUMBERS OF PRICES RECEIVED AND PAID (1910-14=100)</b>									
Prices received by farmers:									
All farm products.....	125	109	100	207	258	302	288	258	250
Crops.....	115	103	90	202	233	265	267	242	244
Livestock and products.....	134	114	109	211	280	336	306	272	257
Retail prices paid by farmers:									
Living and production.....	140	123	122	179	246	271	273	262	264
Living.....	144	124	121	182	246	268	271	270	274
Production.....	135	122	123	176	246	273	274	253	252
Payable per acre:									
Interest payable.....	206	135	102	75	89	98	107	117	128
Taxes payable.....	281	178	189	192	320	335	353	371	391
Prices paid, including interest, taxes, and wage rates.....	151	124	124	190	256	282	287	279	281
<b>PARITY RATIO</b>									
Ratio of prices received to prices paid, including interest, taxes, and wage rates.....	83	88	81	109	101	107	100	92	89

Source: Department of Agriculture, Agricultural Marketing Service: Farm income—*The Farm Income Situation*; indexes—annual report, *Agricultural Statistics*, and published currently in *Agricultural Prices*.

## No. 782.—FARM INCOME—ESTIMATED CASH RECEIPTS FROM CROPS AND LIVESTOCK AND PRODUCTS, BY KIND: 1930 TO 1954

[In millions of dollars]

KIND	1930	1935	1940	1945	1950	1951	1952	1953	1954 (prel.)
<b>CROPS</b>									
<b>All crops, total.....</b>	<b>3,864</b>	<b>2,957</b>	<b>3,435</b>	<b>9,419</b>	<b>12,352</b>	<b>13,187</b>	<b>14,249</b>	<b>14,149</b>	<b>13,270</b>
Cotton and cottonseed.....	826	712	643	1,208	2,404	2,862	2,978	3,186	2,584
Tobacco.....	244	242	242	898	1,061	1,191	1,090	1,092	1,162
Food grains.....	500	421	479	1,552	1,927	1,979	2,532	2,460	2,139
Oilbearing crops.....	72	69	126	610	932	982	1,081	995	1,004
Feed grains and hay.....	557	302	576	1,434	2,158	1,991	2,516	2,541	2,340
Vegetables.....	722	489	571	1,594	1,408	1,754	2,089	1,757	1,620
Fruits and tree nuts.....	536	408	417	1,407	1,290	1,209	1,138	1,228	1,240
Sugar crops.....	90	73	79	156	205	183	183	225	205
Other crops.....	317	241	302	560	967	1,036	642	665	976
<b>LIVESTOCK AND PRODUCTS</b>									
<b>All livestock and products, total.....</b>	<b>5,186</b>	<b>4,117</b>	<b>4,897</b>	<b>11,964</b>	<b>15,976</b>	<b>19,612</b>	<b>18,445</b>	<b>17,263</b>	<b>16,684</b>
Hogs.....	1,135	682	836	2,263	3,184	3,902	3,512	3,649	3,651
Cattle and calves.....	1,184	1,063	1,376	3,318	5,678	7,001	6,251	4,887	5,149
Sheep and lambs.....	162	152	180	319	386	462	390	316	307
Wool.....	69	70	105	129	123	226	121	126	121
Dairy products.....	1,607	1,310	1,520	3,021	3,719	4,250	4,566	4,370	4,116
Poultry and eggs.....	1,002	799	833	2,821	2,821	3,668	3,453	3,759	3,198
Other.....	27	41	47	93	65	103	152	156	142

Source: Department of Agriculture, Agricultural Marketing Service; prior to 1940, data published in *Net Farm Income and Parity Report, 1943*; thereafter, *The Farm Income Situation*.

### NO. 783.—FARM-TO-RETAIL PRICE SPREADS OF FARM FOOD PRODUCTS, BY COMMODITY GROUPS: 1947 TO 1954

[In dollars, except for farmer's share of consumer's dollar. These estimates are calculated in terms of a market basket of farm food products containing quantities equivalent to 1952 annual average purchases per urban wage earner and clerical worker family. Quantities of foods valued do not change from year to year]

COMMODITY GROUP AND VALUE	1947-49, average	1949	1950	1951	1952	1953	1954
<b>All farm food products:</b>							
Retail cost <sup>1</sup> .....	955	939	924	1,026	1,028	1,002	985
Farm value adjusted for byproducts <sup>2</sup> .....	468	435	432	495	482	450	427
Marketing margin <sup>3</sup> .....	487	504	492	531	546	552	558
Farmer's share of consumer's dollar <sup>4</sup> (percent).....	49	46	47	48	47	45	43
<b>Meat products:</b>							
Retail cost <sup>1</sup> .....	261	254	265	300	290	265	263
Farm value adjusted for byproducts <sup>2</sup> .....	176	164	174	202	186	165	164
Marketing margin <sup>3</sup> .....	85	90	91	98	104	100	99
Farmer's share of consumer's dollar <sup>4</sup> (percent).....	67	65	66	67	64	62	62
<b>Dairy products:</b>							
Retail cost <sup>1</sup> .....	169	166	163	183	190	187	182
Farm value adjusted for byproducts <sup>2</sup> .....	91	84	82	95	100	91	84
Marketing margin <sup>3</sup> .....	78	82	81	88	90	96	98
Farmer's share of consumer's dollar <sup>4</sup> (percent).....	54	50	50	52	53	49	46
<b>Poultry and eggs:</b>							
Retail cost <sup>1</sup> .....	117	115	104	118	113	116	101
Farm value adjusted for byproducts <sup>2</sup> .....	81	78	68	81	76	80	64
Marketing margin <sup>3</sup> .....	36	37	36	37	37	36	37
Farmer's share of consumer's dollar <sup>4</sup> (percent).....	69	68	66	69	67	69	63
<b>Bakery and other cereal products:</b>							
Retail cost <sup>1</sup> .....	122	125	127	138	141	144	148
Farm value adjusted for byproducts <sup>2</sup> .....	33	28	30	33	31	32	32
Marketing margin <sup>3</sup> .....	89	97	97	105	110	112	115
Farmer's share of consumer's dollar <sup>4</sup> (percent).....	27	23	23	24	22	22	22
<b>Fruits and vegetables:</b>							
Retail cost <sup>1</sup> .....	195	197	185	197	212	207	206
Farm value adjusted for byproducts <sup>2</sup> .....	61	62	57	59	69	61	60
Marketing margin <sup>3</sup> .....	134	135	128	138	143	146	145
Farmer's share of consumer's dollar <sup>4</sup> (percent).....	31	31	31	30	32	29	29
<b>Fats and oils:</b>							
Retail cost <sup>1</sup> .....	52	44	42	49	41	42	44
Farm value adjusted for byproducts <sup>2</sup> .....	19	12	14	18	13	14	15
Marketing margin <sup>3</sup> .....	33	32	28	31	28	28	29
Farmer's share of consumer's dollar <sup>4</sup> (percent).....	36	27	33	37	30	34	35
<b>Miscellaneous:</b>							
Retail cost <sup>1</sup> .....	39	38	38	41	41	41	42
Farm value adjusted for byproducts <sup>2</sup> .....	7	7	7	7	7	7	7
Marketing margin <sup>3</sup> .....	32	31	31	34	34	34	34
Farmer's share of consumer's dollar <sup>4</sup> (percent).....	18	18	17	17	18	18	18

<sup>1</sup> Calculated from retail prices collected by the Bureau of Labor Statistics.

<sup>2</sup> Calculated from official series showing prices received by farmers applied to quantities of farm products equivalent to retail purchases.

<sup>3</sup> Equals difference between retail cost and farm value.

<sup>4</sup> Obtained by expressing the farm value as a percentage of retail cost (based on unrounded figures).

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

### NO. 784.—PRICES RECEIVED BY FARMERS—INDEXES, BY MAJOR GROUPS OF PRODUCTS: 1915 TO 1954

[1910-14=100. Indexes cover 45 major farm products. See also *Historical Statistics*, series E 95-97]

PERIOD	All groups	CROPS							LIVESTOCK AND PRODUCTS		
		Food grains	Feed grains and hay	Tobacco	Cotton	Fruits	Commercial vegetables	Oil-bearing crops	Meat animals	Dairy products	Poultry and eggs
1915-19.....	164	193	161	183	175	126	-----	201	162	147	153
1920-24.....	150	147	125	189	197	157	151	155	121	159	163
1925-29.....	147	140	118	169	151	146	144	135	146	161	155
1930-34.....	87	70	76	117	77	98	104	78	83	105	94
1935-39.....	107	94	96	172	87	91	106	113	117	119	110
1940-44.....	155	123	123	241	138	148	189	170	166	169	148
1945-49.....	251	222	212	378	242	203	241	289	291	265	217
1950.....	258	224	193	402	282	194	211	276	340	249	186
1951.....	302	243	226	436	336	181	269	339	409	286	228
1952.....	288	244	234	432	310	191	274	296	353	302	206
1953.....	258	231	208	429	268	206	240	274	298	273	221
1954.....	250	232	206	439	274	222	228	279	295	252	175

<sup>1</sup> 1924 only.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Crops and Markets*. Also published currently in *Agricultural Prices*.



**No. 785.—FARM INCOME AND EXPENDITURES—ESTIMATED NET CASH AVAILABLE TO FARM OPERATORS AFTER FARM EXPENDITURES: 1930 TO 1954**

[In millions of dollars]

YEAR	Cash receipts <sup>1</sup>	CASH EXPENDITURES							Farm operators' net cash income from farming
		Total	Current operating expenses <sup>2</sup>	Farm capital expenditures	Interest on farm mortgage debt	Taxes on farm property	Total cash wages of hired labor	Net rent to nonfarm landlords <sup>3</sup>	
1930.....	9,050	6,555	3,037	1,044	570	638	875	391	2,495
1931.....	6,369	4,927	2,328	600	553	581	670	195	1,442
1932.....	4,735	3,803	1,874	300	526	504	490	109	932
1933.....	5,439	3,826	1,875	377	472	434	454	214	1,613
1934.....	6,760	4,318	2,076	570	430	420	503	319	2,442
1935.....	7,647	4,922	2,239	872	396	431	577	407	2,725
1936.....	8,634	5,509	2,544	1,059	364	436	653	453	3,125
1937.....	9,155	6,163	2,868	1,310	341	448	755	441	2,992
1938.....	8,149	5,703	2,653	1,126	320	444	767	393	2,446
1939.....	8,582	6,123	2,916	1,226	305	452	782	442	2,459
1940.....	9,056	6,754	3,336	1,403	293	446	816	460	2,302
1941.....	11,619	7,891	3,737	1,690	284	457	1,013	710	3,728
1942.....	16,136	9,706	4,965	1,682	272	461	1,345	981	6,430
1943.....	20,003	10,833	5,885	1,455	246	472	1,637	1,088	9,170
1944.....	21,153	11,777	6,320	1,768	230	495	1,861	1,103	9,376
1945.....	22,125	12,667	6,929	1,891	220	554	1,952	1,121	9,458
1946.....	25,336	15,144	7,891	2,958	216	617	2,155	1,307	10,192
1947.....	30,020	18,323	9,473	4,183	222	705	2,373	1,367	11,697
1948.....	30,464	20,292	10,398	5,072	229	765	2,540	1,288	10,172
1949.....	28,129	19,258	9,571	5,124	242	823	2,416	1,082	8,871
1950.....	28,611	20,560	10,605	5,377	264	919	2,304	1,091	8,051
1951.....	33,085	23,640	12,332	6,205	291	996	2,467	1,349	9,445
1952.....	32,968	24,008	12,616	6,103	319	1,056	2,532	1,382	8,960
1953.....	31,626	22,270	11,485	5,619	347	1,087	2,586	1,146	9,356
1954 (prel.).....	30,211	21,273	11,338	4,811	380	1,123	2,535	1,086	8,938

<sup>1</sup> From farm marketings and Government payments. <sup>2</sup> Excludes hired labor.

<sup>3</sup> Includes share rent as well as cash rent paid to nonfarm landlords because their share included in cash receipts.

Source: Department of Agriculture, Agricultural Marketing Service; *The Farm Income Situation*.

**No. 786.—FARM TAXES AND INSURANCE: 1925 TO 1953**

[See also *Historical Statistics E 76-87*]

ITEM	1925	1930	1935	1940	1945	1950	1952	1953 <sup>1</sup>
Taxes levied on farm real estate, total.....mil. dol.	517	567	392	401	465	741	822	866
Amount per acre.....dol.	.56	.57	.37	.39	.44	.69	.77	.81
Amount per \$100 of value.....do.	1.08	1.32	1.14	1.17	.76	.87	.90	1.00
Taxes levied on farm personal property.....mil. dol.	72	81	42	50	92	178	230	221
State automotive taxes paid by farmers:								
Motor vehicle licenses and permits.....mil. dol.	41	55	47	59	90	108	125	134
Motor fuel taxes <sup>2</sup> .....do.	22	63	66	79	90	143	158	166
<b>FARMERS' MUTUAL FIRE INSURANCE <sup>3</sup></b>								
Number of companies <sup>4</sup> .....	1,839	1,886	1,941	1,898	1,841	1,777	1,747	-----
Insurance in force at end of year.....mil. dol.	9,477	11,382	11,083	12,294	15,170	24,161	28,734	<sup>5</sup> 30,087
Cost per \$100 of insurance, total.....cents.	27.8	31.6	23.2	25.2	23.6	23.0	<sup>1</sup> 22.6	<sup>5</sup> 23.2
Losses.....do.	21.1	24.8	15.7	17.1	15.6	14.6	<sup>1</sup> 14.1	<sup>5</sup> 13.8
Expenses.....do.	6.7	6.8	7.5	8.1	8.0	8.4	<sup>1</sup> 8.5	<sup>5</sup> 9.4
Surplus and reserves, end of year <sup>6</sup> .....\$1,000.	-----	-----	33,656	45,474	70,644	122,384	150,088	<sup>5</sup> 156,818

<sup>1</sup> Preliminary. <sup>2</sup> Beginning 1945 includes taxes on gasoline used in farm tractors.

<sup>3</sup> For 1925-30 includes companies with more than 65 percent of their insurance on farm property; for later years, 50 percent. About 88 percent of their total insurance is on farm property, for both periods.

<sup>4</sup> Number of companies for which data were obtained; perhaps not entirely complete for any year.

<sup>5</sup> Estimate based on sample of companies.

<sup>6</sup> Excess of assets over liabilities. Most of farmers' mutuals are assessment companies and as such are not required to set up unearned premium reserves. Data not compiled prior to 1935.

Source: Department of Agriculture, Agricultural Marketing Service; *Agricultural Finance Review*.

**No. 787.—FARM LABOR—FARMS REPORTING, PERSONS WORKING ON FARMS  
WEEK PRECEDING ENUMERATION, 1950; AND WAGES PAID, 1949**

[Based on reports for a sample of farms. Relates to farm operators and hired workers doing farm work, and also to unpaid family members working 15 hours or more. Excludes housework and contract construction work]

DIVISION AND STATE	FAMILY AND/OR HIRED WORKERS		FAMILY WORKERS, INCLUDING OPER- ATOR		HIRED WORKERS		CASH WAGES PAID FOR HIRED LABOR IN 1949	
	Farms report- ing	Persons work- ing	Farms report- ing	Persons work- ing	Farms report- ing	Persons work- ing	Farms report- ing	Amount (\$1,000)
<b>United States</b> .....	4,547,947	8,538,064	4,470,603	6,982,795	703,134	1,555,269	2,670,043	2,418,461
<b>New England</b> .....	82,175	160,812	79,338	112,050	21,241	48,762	48,019	95,177
Maine .....	23,440	39,628	22,871	30,470	4,234	9,158	14,246	23,578
New Hampshire .....	10,747	19,112	10,424	14,226	2,329	4,886	5,531	7,888
Vermont .....	16,003	31,426	15,449	23,193	4,966	8,233	10,552	11,042
Massachusetts .....	17,361	37,393	16,586	23,561	5,102	13,532	9,428	26,357
Rhode Island .....	2,120	4,583	2,022	2,937	690	1,646	1,146	2,717
Connecticut .....	12,504	28,670	11,986	17,363	3,920	11,307	7,116	23,594
<b>Middle Atlantic</b> .....	252,019	511,784	245,754	388,651	63,651	123,133	150,817	200,159
New York .....	106,316	207,155	103,241	154,409	29,024	52,746	63,561	94,444
New Jersey .....	21,339	55,807	20,529	32,594	8,789	23,213	13,936	39,096
Pennsylvania .....	124,364	248,822	121,984	201,648	25,838	47,174	68,320	66,619
<b>East North Central</b> .....	763,903	1,352,007	754,151	1,177,658	116,225	174,349	465,796	276,589
Ohio .....	169,831	293,044	167,729	257,499	21,874	35,545	93,772	55,064
Indiana .....	141,124	237,471	139,561	210,033	17,813	27,438	80,907	41,054
Illinois .....	171,520	299,979	168,924	250,124	34,586	49,855	112,281	77,687
Michigan .....	128,384	214,902	126,782	190,717	14,686	24,185	76,578	47,436
Wisconsin .....	153,044	306,611	151,155	269,285	27,266	37,326	102,258	55,349
<b>West North Central</b> .....	877,809	1,600,672	869,486	1,437,531	114,621	163,141	589,135	306,425
Minnesota .....	163,132	307,833	161,729	277,047	22,127	30,786	114,106	57,113
Iowa .....	187,161	336,324	185,270	296,194	30,845	40,130	131,307	68,269
Missouri .....	197,360	339,548	195,429	305,595	20,998	33,953	108,246	47,853
North Dakota .....	56,719	111,471	56,111	99,742	7,906	11,729	44,087	32,131
South Dakota .....	60,811	113,395	60,239	101,819	8,492	11,576	45,750	25,765
Nebraska .....	97,429	183,692	96,505	167,056	11,841	16,636	65,854	35,780
Kansas .....	115,197	208,409	114,113	190,078	12,412	18,331	79,785	39,514
<b>South Atlantic</b> .....	787,669	1,542,610	771,645	1,229,839	119,928	312,771	432,734	269,111
Delaware .....	5,925	12,290	5,623	8,357	1,768	3,933	3,840	5,693
Maryland .....	30,950	67,795	29,770	46,544	10,026	21,251	19,604	26,437
Dist. of Columbia <sup>1</sup> .....	26	70	26	36	1	34	8	118
Virginia .....	122,339	220,754	119,324	176,023	20,764	44,731	61,579	42,767
West Virginia .....	63,492	105,055	62,576	92,482	7,055	12,574	25,865	10,863
North Carolina .....	239,439	433,658	236,225	379,885	27,459	53,773	148,013	48,182
South Carolina .....	117,284	243,295	114,916	198,027	16,411	45,268	62,745	27,648
Georgia .....	165,024	327,698	161,928	263,313	25,269	64,385	86,509	42,629
Florida .....	43,216	132,064	41,283	65,208	11,176	66,856	24,579	64,893
<b>East South Central</b> .....	745,739	1,285,717	734,945	1,101,901	80,820	183,816	350,679	137,983
Kentucky .....	178,520	298,140	175,542	254,003	24,692	44,137	96,952	36,208
Tennessee .....	187,540	312,964	184,407	266,497	24,088	46,467	94,951	30,727
Alabama .....	174,637	311,792	172,352	273,888	17,492	37,904	77,605	26,836
Mississippi .....	205,042	362,821	202,644	307,513	14,548	55,308	81,171	44,212
<b>West South Central</b> .....	645,820	1,212,666	633,953	959,841	92,525	252,825	371,900	442,621
Arkansas .....	151,103	263,455	149,531	220,221	13,790	43,234	73,350	62,889
Louisiana .....	100,314	189,717	98,907	147,452	11,916	42,265	43,356	38,901
Oklahoma .....	121,286	210,395	119,958	191,585	11,626	18,810	69,145	42,698
Texas .....	273,117	549,099	265,557	400,583	55,193	148,516	186,049	298,133
<b>Mountain</b> .....	169,823	351,666	166,147	261,368	38,077	90,298	118,185	204,422
Montana .....	30,010	58,226	29,444	45,651	6,357	12,575	22,424	29,260
Idaho .....	35,933	66,593	35,493	54,169	6,534	12,424	26,203	32,197
Wyoming .....	11,547	25,581	11,175	18,236	3,177	7,345	7,933	16,146
Colorado .....	40,346	84,145	39,466	64,924	9,610	19,221	29,135	42,691
New Mexico .....	19,222	41,047	18,672	29,015	4,585	12,032	11,305	23,190
Arizona .....	8,760	28,472	8,283	12,225	3,435	16,247	5,745	39,106
Utah .....	21,375	40,480	21,075	33,060	3,457	7,420	13,706	16,069
Nevada .....	2,640	7,122	2,539	4,088	922	3,034	1,734	5,764
<b>Pacific</b> .....	222,990	520,130	215,184	313,956	56,046	206,174	142,778	485,974
Washington .....	59,251	109,262	58,209	85,860	10,236	23,402	33,445	61,246
Oregon .....	50,148	92,398	49,402	72,601	8,140	19,797	27,464	45,828
California .....	113,591	318,470	107,573	155,495	37,670	162,975	81,869	378,899

<sup>1</sup> Data not included in totals.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II.



## No. 788.—SPECIFIED FARM EXPENDITURES: 1869 TO 1949

[All 1949 data and data for livestock and poultry purchased and for seeds, bulbs, plants, and trees purchased for 1944 are based on reports for a sample of farms]

ITEM	FARMS REPORTING		AMOUNT EXPENDED		
	Number	Percent of all farms	Total	Average per farm (based on all farms)	Average per farm reporting
			\$1,000	Dollars	Dollars
All farms.....1950.....	5, 379, 250	100. 0			
Specified farm expenditures <sup>1</sup> .....1949.....	4, 782, 184	88. 9	10, 895, 148	2, 025	2, 278
Machine hire and/or hired labor.....1949.....	3, 548, 279	66. 0	3, 030, 084	563	854
Machine hire.....1949.....	2, 757, 864	51. 3	611, 623	114	222
Hired labor <sup>2</sup> .....1869.....	(3)	(3)	248, 229	93	(3)
.....1899.....	(3)	(3)	357, 392	62	(3)
.....1909.....	2, 922, 279	45. 9	521, 730	82	179
.....1919.....	2, 888, 999	44. 8	1, 098, 713	170	380
.....1924.....	2, 536, 721	39. 8	864, 982	136	341
.....1929.....	2, 631, 601	41. 8	955, 420	152	363
.....1939.....	2, 260, 237	37. 1	781, 792	128	346
.....1944.....	2, 799, 026	47. 8	1, 865, 026	318	666
.....1949.....	2, 670, 043	49. 6	2, 418, 461	450	906
Feed for livestock and poultry.....1909.....	2, 368, 905	37. 2	299, 840	47	127
.....1919.....	3, 511, 121	54. 4	1, 097, 225	170	312
.....1924.....	3, 190, 739	50. 1	750, 445	118	235
.....1929.....	3, 283, 400	52. 2	919, 190	146	280
.....1939.....	3, 342, 715	54. 8	732, 117	120	219
.....1944.....	4, 271, 642	72. 9	2, 426, 725	414	568
.....1949.....	3, 875, 704	72. 0	3, 023, 841	562	780
Livestock and poultry purchased.....1944.....	2, 765, 691	47. 2	1, 317, 441	225	476
.....1949.....	2, 948, 808	54. 8	2, 389, 809	444	810
Seeds, bulbs, plants, and trees purchased.....1944.....	3, 003, 028	51. 3	296, 383	51	99
.....1949.....	3, 335, 882	62. 0	542, 887	101	163
Gasoline and other petroleum fuel and oil for the farm business.....1939.....	2, 886, 614	47. 3	323, 239	53	112
.....1949.....	2, 983, 476	55. 5	1, 133, 708	211	380
Farm machinery repairs <sup>4</sup> .....1949.....	2, 752, 064	51. 2	774, 819	144	282
Tractor repairs.....1949.....	2, 029, 485	37. 7	389, 023	72	192
Other farm machinery repairs.....1949.....	2, 333, 378	43. 4	385, 796	72	165

<sup>1</sup> Many expense items excluded such as fertilizer and lime, maintenance of buildings, taxes, mortgage interest, insurance, rents, containers, veterinary fees, and others of varying degrees of importance. Specified expenditures, shown in this table, amounted to approximately 60 percent of all farm production costs for 1949 according to estimates of United States Department of Agriculture.

<sup>2</sup> For 1924 to 1949, cash payments for farm labor; for 1899 to 1949, housework specifically excluded; for 1939, 1944, and 1949, excludes expenditures for contract construction work, machine hire, or labor included in cost of machine hire; for 1869, 1899, 1909 and 1919, value of board included.

<sup>3</sup> Not available.

<sup>4</sup> Amount spent for repairing (both labor and parts) and amount spent for repair parts and other replacement parts; excludes motortruck and automobile repairs.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture; 1950*, Vol. II.

## No. 789.—FARM MACHINERY AND EQUIPMENT: 1930 TO 1954

[Money figures in millions. See also *Historical Statistics*, series E 105-110]

ITEM	1930	1935	1940	1945	1950	1952	1953	1954 <sup>1</sup>
Value of farm machinery and motor vehicles <sup>2</sup> .....	\$3, 428	\$2, 211	\$3, 159	\$6, 352	\$14, 291	\$17, 505	\$18, 504	\$18, 652
Tractors on farms, Jan. 1.....1,000.....	920	1, 048	1, 545	2, 422	3, 615	4, 170	4, 400	4, 650
Motor trucks on farms, Jan. 1.....do.....	900	890	1, 047	1, 490	2, 209	2, 410	2, 500	2, 650
Automobiles on farms, Jan. 1.....do.....	4, 135	3, 642	4, 144	4, 148	4, 207	4, 350	4, 400	4, 450
Sales of farm equipment, machinery, and parts <sup>3</sup> .....	\$346. 7	\$272. 3	\$429. 5	\$612. 6	\$1,562.2	\$1,686.9	\$1,553.9	( <sup>4</sup> )
Farmers' expenditures:								
Motor vehicles <sup>5</sup> .....	\$289	\$297	\$429	\$446	\$1, 461	\$1, 564	\$1, 521	\$1, 284
Machinery and equipment.....	\$324	\$235	\$377	\$749	\$1, 663	\$1, 867	\$1, 661	\$1, 366

<sup>1</sup> Preliminary.

<sup>2</sup> Data represent inventory valuations at beginning of year. Includes harness, saddlery, and family share of automobiles.

<sup>3</sup> For use in United States from domestic manufacture; from Bureau of the Census, *Facts for Industry*, Series M35A.

<sup>4</sup> Not available.

<sup>5</sup> Excludes family share of automobiles.

Source: Department of Agriculture, Agricultural Marketing Service (except as noted).

# NO. 790.—FARM FACILITIES—ELECTRICITY, TELEPHONE, MOTOR VEHICLES, AND TRACTORS, BY STATES: 1950

[Based on reports for a sample of farms]

DIVISION AND STATE	NUMBER OF FARMS REPORTING—		MOTOR TRUCKS ON FARMS		TRACTORS ON FARMS		AUTOMOBILES ON FARMS	
	Electricity	Telephone	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number
<b>United States</b> .....	4,213,599	2,057,556	1,840,391	2,206,670	2,525,206	3,609,281	3,389,773	4,199,224
<b>New England</b> .....	93,618	75,182	51,023	69,661	46,352	62,868	72,096	95,240
Maine.....	26,195	19,467	14,854	19,197	12,794	16,665	19,879	23,937
New Hampshire.....	12,696	10,055	6,708	8,843	5,405	6,946	9,446	12,068
Vermont.....	17,533	13,267	8,819	10,600	8,417	10,662	13,107	16,580
Massachusetts.....	20,358	17,309	10,626	15,358	10,322	14,697	15,763	21,443
Rhode Island.....	2,416	2,003	1,521	2,455	1,290	1,944	1,955	2,778
Connecticut.....	14,420	13,081	8,495	13,208	8,124	11,954	11,946	18,434
<b>Middle Atlantic</b> .....	274,442	182,693	126,570	162,481	188,481	271,192	228,826	309,184
New York.....	117,253	87,683	56,610	72,440	81,985	119,302	97,294	129,895
New Jersey.....	23,280	17,829	15,624	23,938	15,374	26,039	18,864	27,756
Pennsylvania.....	133,909	77,181	54,336	66,103	91,122	125,851	112,668	151,533
<b>East North Central</b> .....	811,437	533,183	305,807	342,787	614,276	892,060	731,621	910,486
Ohio.....	185,691	119,736	56,861	64,780	127,390	182,481	163,216	208,027
Indiana.....	152,834	102,963	53,583	59,811	106,037	153,980	133,235	159,223
Illinois.....	169,625	127,528	79,058	86,776	141,988	234,789	159,653	195,887
Michigan.....	146,895	83,135	49,493	56,966	111,373	149,377	130,187	164,756
Wisconsin.....	156,392	99,821	66,812	74,454	127,488	171,433	145,330	182,593
<b>West North Central</b> .....	765,706	603,699	387,391	446,462	705,670	1,031,047	798,946	991,751
Minnesota.....	150,610	107,279	63,077	70,357	142,911	204,200	155,559	195,663
Iowa.....	184,760	166,343	58,690	62,375	161,305	240,941	180,974	228,097
Missouri.....	159,187	106,768	71,804	77,250	100,312	125,536	144,552	162,548
North Dakota.....	44,214	27,219	44,637	55,732	58,338	98,676	56,235	73,597
South Dakota.....	45,892	36,850	31,668	37,720	56,267	88,274	58,687	77,293
Nebraska.....	83,315	69,484	45,795	54,193	87,567	127,154	94,432	120,947
Kansas.....	97,728	89,756	71,720	88,835	98,970	146,266	108,507	133,606
<b>South Atlantic</b> .....	714,126	146,123	240,521	281,561	222,363	284,163	469,596	552,013
Delaware.....	6,112	4,990	3,240	4,059	4,046	6,125	5,418	7,063
Maryland.....	30,302	19,457	16,917	21,443	20,532	29,905	26,805	36,476
District of Columbia <sup>1</sup> .....	18	17	11	15	1	4	6	29
Virginia.....	114,241	35,847	41,702	49,099	36,515	48,133	77,078	94,010
West Virginia.....	59,137	21,719	21,621	24,615	11,602	13,934	32,831	37,266
North Carolina.....	219,422	23,342	55,396	60,410	62,686	73,497	140,069	159,201
South Carolina.....	95,060	11,896	25,440	29,714	23,454	30,282	69,963	81,449
Georgia.....	149,323	18,619	55,396	62,865	48,253	60,269	89,237	100,525
Florida.....	40,529	10,253	20,809	29,356	15,275	22,018	28,195	36,023
<b>East South Central</b> .....	595,852	123,228	202,662	224,182	171,254	216,065	333,936	380,350
Kentucky.....	145,246	45,813	49,794	54,957	49,342	58,818	102,938	119,846
Tennessee.....	165,551	43,541	55,600	60,272	50,797	59,798	99,095	113,072
Alabama.....	144,569	17,438	47,102	52,743	37,783	45,751	64,417	71,212
Mississippi.....	140,486	16,436	50,166	56,210	33,332	51,698	67,486	76,220
<b>West South Central</b> .....	559,173	158,595	269,158	315,667	299,241	422,076	400,785	470,566
Arkansas.....	121,832	19,177	56,510	63,435	41,369	60,308	57,931	65,077
Louisiana.....	83,189	14,380	30,918	36,824	23,486	35,735	48,489	56,183
Oklahoma.....	93,324	45,901	59,903	68,871	71,710	93,705	83,390	94,796
Texas.....	260,828	79,137	121,827	146,537	162,676	232,328	210,975	254,510
<b>Mountain</b> .....	155,380	86,000	121,546	165,777	126,149	197,741	141,502	187,113
Montana.....	26,282	9,988	26,602	38,670	27,151	44,890	26,736	34,937
Idaho.....	37,195	22,242	22,766	29,662	27,541	39,398	31,825	39,995
Wyoming.....	9,437	4,739	9,118	12,617	9,250	15,610	9,319	12,812
Colorado.....	36,574	27,060	31,005	42,681	32,162	53,117	35,719	48,836
New Mexico.....	14,057	3,493	11,728	15,072	10,526	15,780	11,627	14,947
Arizona.....	8,064	4,413	5,536	8,600	4,878	9,746	7,025	11,751
Utah.....	21,597	12,515	12,824	15,352	12,908	15,987	17,246	20,769
Nevada.....	2,184	1,550	1,967	3,123	1,733	3,213	2,005	3,066
<b>Pacific</b> .....	243,865	148,853	135,713	198,092	151,420	232,069	212,465	302,521
Washington.....	64,733	40,198	34,854	48,127	40,247	55,061	54,275	69,400
Oregon.....	54,564	30,080	29,710	39,402	36,837	52,426	47,459	61,816
California.....	124,568	78,575	71,149	110,563	74,336	124,582	110,731	171,305

<sup>1</sup> Not included in totals.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II.



## No. 791.—FERTILIZER CONSUMPTION: 1880 TO 1953

[In thousands of tons of 2,000 pounds. Estimates based on tag sales, records of Government officials, etc. Beginning 1935, figures include tonnage distributed by Agricultural Adjustment Administration (now Soil Conservation Service) and by Tennessee Valley Authority, data for the latter representing fiscal years ending June 30. Data for phosphate rock used in Illinois and Florida, available only since 1939, have been excluded from annual comparisons]

YEAR	Quantity	YEAR	Quantity	YEAR	Quantity	YEAR	Quantity
1880.....	1, 150	1920.....	7, 177	1932.....	4, 385	1943.....	11, 463
1890.....	1, 950	1921.....	4, 863	1933.....	4, 908	1944.....	12, 055
1900.....	2, 200	1922.....	5, 671	1934.....	5, 583	1945.....	13, 202
1910.....	5, 453	1923.....	6, 445	1935.....	6, 276	1946.....	14, 892
1912.....	5, 767	1924.....	6, 826	1936.....	6, 931	1947.....	15, 039
1913.....	6, 337	1925.....	7, 334	1937.....	8, 226	1948.....	15, 980
1914.....	7, 100	1926.....	7, 329	1938.....	7, 548	1949.....	16, 449
1915.....	5, 324	1927.....	6, 844	1939.....	7, 707	1950.....	17, 984
1916.....	5, 125	1928.....	7, 986	1940.....	8, 249	1951.....	18, 826
1917.....	5, 926	1929.....	8, 012	1941.....	9, 183	1952.....	20, 077
1918.....	6, 467	1930.....	8, 222	1942.....	9, 949	1953.....	20, 237
1919.....	6, 626	1931.....	6, 354				

Source: The National Fertilizer Association, Washington, D. C. Published in *The Fertilizer Review*.

## No. 792.—FERTILIZERS—QUANTITIES OF COMMERCIAL FERTILIZERS CONSUMED AND AVERAGE PLANT FOOD CONTENT: 1910 TO 1953

[Includes Hawaii and Puerto Rico starting 1940, Alaska starting 1951; also fertilizers distributed by Government agencies]

YEAR	ALL FERTILIZERS				MIXED FERTILIZERS			
	Quantity	Nitrogen	Phosphoric oxide	Potash	Quantity	Nitrogen	Phosphoric oxide	Potash
	1,000 tons	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent
1910.....	5, 547	2. 63	9. 00	3. 80	3, 437	2. 10	9. 30	3. 40
1920.....	7, 296	3. 12	9. 05	3. 53	4, 062	2. 30	9. 20	2. 40
1930.....	8, 425	4. 47	9. 41	4. 20	5, 616	3. 10	9. 80	5. 00
1940.....	8, 656	4. 85	10. 54	5. 03	5, 513	3. 76	9. 64	6. 50
1949.....	17, 928	5. 08	10. 51	5. 94	12, 271	3. 99	10. 78	8. 01
1950.....	19, 758	5. 70	10. 49	6. 15	13, 033	4. 06	11. 00	8. 52
1951.....	21, 056	6. 01	9. 93	6. 71	14, 127	4. 19	11. 09	9. 08
1952.....	22, 797	6. 51	9. 73	7. 05	15, 240	4. 38	11. 18	9. 50
1953 (prel.).....	22, 800	6. 8	9. 6	7. 4	15, 300	4. 6	11. 3	9. 9

Source: Department of Agriculture, Agricultural Research Service; annual report, *Agricultural Statistics*.

## No. 793.—FARMERS' MARKETING, PURCHASING, AND SERVICE ASSOCIATIONS—ESTIMATED BUSINESS: 1952-53

[See headnote, table 794]

COMMODITY	Number of associations	Gross business (\$1,000)	Net business (\$1,000) <sup>1</sup>	COMMODITY	Number of associations	Gross business (\$1,000)	Net business (\$1,000) <sup>1</sup>
<b>Total</b> <sup>2</sup> .....	<sup>3</sup> 10, 114	12, 293, 267	9, 539, 962	<b>Purchasing</b> .....	<sup>3</sup> 7, 244	2, 865, 601	2, 012, 461
<b>Marketing</b> .....	<sup>3</sup> 7, 208	9, 292, 141	7, 385, 976	Building material.....	1, 159	84, 417	55, 476
Dry beans and peas.....	70	40, 163	33, 177	Containers.....	1, 000	49, 757	21, 353
Cotton and products.....	568	420, 985	375, 449	Farm machinery and equipment.....	1, 791	114, 885	74, 285
Dairy products.....	2, 112	2, 851, 102	2, 418, 315	Feed.....	4, 238	1, 118, 087	847, 992
Fruits and vegetables.....	810	947, 329	589, 556	Fertilizer.....	3, 392	345, 631	216, 207
Grain, soybeans, soybean meal and oil.....	2, 748	2, 415, 778	1, 584, 885	Insecticides.....	1, 489	34, 750	23, 987
Livestock and products.....	671	1, 576, 874	1, 476, 120	Meats, groceries, etc.....	892	53, 525	45, 382
Nuts.....	85	90, 288	55, 216	Petroleum products.....	2, 654	674, 940	436, 274
Poultry products.....	696	380, 281	336, 218	Seed.....	3, 371	133, 992	101, 252
Rice.....	57	176, 423	135, 654	Other supplies.....	4, 261	255, 617	190, 253
Sugar products.....	64	119, 895	119, 895	<b>Services</b> .....	<sup>3</sup> 4, 268	<sup>4</sup> 141, 525	<sup>4</sup> 141, 525
Tobacco.....	30	168, 307	168, 307	Trucking, storage, grinding, locker plants, misc.....	3, 588	119, 350	119, 350
Wool and mohair.....	250	39, 398	35, 465	Cotton ginning.....	467	20, 471	20, 471
Miscellaneous.....	266	65, 318	57, 719	Livestock trucking.....	213	1, 704	1, 704

<sup>1</sup> Represents value at the first level at which cooperatives transact business for farmers. Excludes wholesale business of farm supply cooperatives with other cooperatives or terminal market sales performed for local associations.

<sup>2</sup> Preliminary.

<sup>3</sup> Because many associations are engaged in more than one type of business, these totals are less than the number that would be obtained by adding the number of associations handling individual items or performing individual services.

<sup>4</sup> Charges for services in which no duplication occurs.

Source: Department of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmers' Marketing, Purchasing, and Service Cooperatives*.

# No. 794.—FARMERS' MARKETING AND PURCHASING ASSOCIATIONS—NUMBER, MEMBERSHIP, AND BUSINESS: 1913 TO 1953

[Comprises independent local associations, federations, large-scale centralized associations. For marketing season during which farm products are moved into channels of trade. Marketing seasons overlap]

PERIOD	ASSOCIATIONS LISTED			ESTIMATED MEMBERSHIP <sup>1</sup>			ESTIMATED BUSINESS (\$1,000) <sup>2</sup>		
	Total	Marketing	Purchasing	Total	Marketing	Purchasing	Total	Marketing	Purchasing
1913.....	3,099	2,988	111	.....	.....	.....	310,313	304,385	5,928
1915.....	5,424	5,149	275	651,186	591,683	59,503	635,839	624,161	11,678
1921.....	7,374	6,476	898	.....	.....	.....	1,256,214	1,198,493	57,721
1925-26.....	10,803	9,586	1,217	2,700,000	2,453,000	247,000	2,400,000	2,265,000	135,000
1930-31.....	11,950	10,362	1,588	3,000,000	2,608,000	392,000	2,400,000	2,185,000	215,000
1935-36.....	10,500	8,388	2,112	3,660,000	2,710,000	950,000	1,840,000	1,586,000	254,000
1936-37.....	10,743	8,142	2,601	3,270,000	2,414,000	856,000	2,196,000	1,882,600	313,400
1937-38.....	10,900	8,300	2,600	3,400,000	2,500,000	900,000	2,400,000	2,050,000	350,000
1938-39.....	10,700	8,100	2,600	3,300,000	2,410,000	890,000	2,100,000	1,765,000	335,000
1939-40.....	10,700	8,051	2,649	3,200,000	2,300,000	900,000	2,087,000	1,729,000	358,000
1940-41.....	10,600	7,943	2,657	3,400,000	2,420,000	980,000	2,280,000	1,911,000	369,000
1941-42.....	10,550	7,824	2,726	3,600,000	2,430,000	1,170,000	2,840,000	2,360,000	480,000
1942-43.....	10,450	7,708	2,742	3,850,000	2,580,000	1,270,000	3,780,000	3,180,000	600,000
1943-44.....	10,300	7,522	2,778	4,250,000	2,730,000	1,520,000	5,160,000	4,430,000	730,000
1944-45.....	10,150	7,400	2,750	4,505,000	2,895,000	1,610,000	5,645,000	4,835,000	810,000
1945-46.....	10,150	7,378	2,772	5,010,000	3,150,000	1,860,000	6,070,000	5,147,000	923,000
1946-47.....	10,125	7,268	2,857	5,436,000	3,378,000	2,058,000	7,116,000	6,005,000	1,111,000
1947-48.....	10,135	7,159	2,976	5,890,000	3,630,000	2,260,000	8,635,000	7,195,000	1,440,000
1948-49.....	10,075	6,993	3,082	6,384,000	3,973,000	2,411,000	9,320,000	7,700,000	1,620,000
1949-50.....	10,035	6,922	3,113	6,584,000	4,075,000	2,509,000	8,726,000	7,082,600	1,643,400
1950-51.....	10,051	<sup>3</sup> 6,769	3,282	7,090,568	<sup>3</sup> 4,211,690	2,878,878	<sup>4</sup> 8,149,668	<sup>3</sup> 6,459,460	<sup>4</sup> 1,690,208
1951-52.....	10,166	6,843	3,323	7,363,129	4,330,588	3,032,541	9,404,712	7,487,495	1,917,217
1952-53 <sup>5</sup> .....	10,114	6,738	3,376	7,474,495	4,335,800	3,138,695	9,539,962	7,527,501	2,012,461

<sup>1</sup> For years since 1935, comprises members, contract members, and shareholders, but excludes patrons not in these categories.

<sup>2</sup> Comprises value of commodities sold or purchased for patrons and charges for rendering other essential services in marketing or purchasing. <sup>3</sup> Beginning 1950-51, includes service associations.

<sup>4</sup> Beginning 1950-51, net figures; adjusted for duplication resulting from transactions between cooperatives. Earlier figures included some duplication.

<sup>5</sup> Preliminary. Covers operations of associations whose fiscal years ended during July 1, 1952, through June 30, 1953, with limited exceptions.

# No. 795.—FARMERS' MARKETING, PURCHASING, AND SERVICE ASSOCIATIONS—NUMBER, MEMBERSHIP, AND BUSINESS, BY STATES: 1952-53

[See headnote, table 794]

DIVISION AND STATE	Associations listed	Estimated membership <sup>1</sup>	Estimated business <sup>2</sup> (\$1,000)	DIVISION AND STATE	Associations listed	Estimated membership <sup>1</sup>	Estimated business <sup>2</sup> (\$1,000)
<b>United States <sup>3</sup></b> .....	<b>10,114</b>	<b>7,474,495</b>	<b>9,539,962</b>	<b>S. Atlantic—Continued</b>			
New England.....	151	117,817	274,516	Virginia.....	138	241,153	144,346
Maine.....	24	23,197	50,367	West Virginia.....	72	55,036	31,599
New Hampshire.....	13	11,740	29,297	North Carolina.....	88	405,856	129,034
Vermont.....	38	26,185	71,873	South Carolina.....	34	59,225	18,536
Massachusetts.....	44	35,210	64,899	Georgia.....	81	107,415	68,145
Rhode Island.....	4	3,418	7,140	Florida.....	107	21,369	125,264
Connecticut.....	28	18,067	50,940	<b>East South Central.....</b>	<b>377</b>	<b>765,060</b>	<b>334,685</b>
Middle Atlantic.....	642	371,869	910,596	Kentucky.....	79	376,420	118,285
New York.....	392	165,737	480,322	Tennessee.....	111	178,451	57,760
New Jersey.....	65	38,861	133,144	Alabama.....	55	83,737	33,818
Pennsylvania.....	185	167,271	297,130	Mississippi.....	132	126,452	124,822
<b>East North Central.....</b>	<b>2,131</b>	<b>1,956,966</b>	<b>2,490,468</b>	<b>West South Central.....</b>	<b>914</b>	<b>458,193</b>	<b>667,923</b>
Ohio.....	305	372,669	547,893	Arkansas.....	115	67,452	89,658
Indiana.....	151	390,497	375,072	Louisiana.....	53	26,158	46,010
Illinois.....	570	573,337	697,350	Oklahoma.....	207	147,636	151,274
Michigan.....	239	197,429	282,368	Texas.....	539	216,897	380,981
Wisconsin.....	866	423,034	587,785	<b>Mountain.....</b>	<b>542</b>	<b>301,313</b>	<b>536,235</b>
<b>West North Central.....</b>	<b>3,975</b>	<b>2,207,420</b>	<b>2,448,036</b>	Montana.....	182	67,038	101,230
Minnesota.....	1,330	570,401	649,174	Idaho.....	106	60,586	101,464
Iowa.....	718	398,227	550,528	Wyoming.....	26	17,305	27,320
Missouri.....	286	439,315	297,578	Colorado.....	112	68,729	163,320
North Dakota.....	549	241,107	242,475	New Mexico.....	30	10,862	33,162
South Dakota.....	321	155,880	179,647	Arizona.....	12	41,409	22,944
Nebraska.....	414	234,058	234,595	Utah.....	70	34,395	82,378
Kansas.....	357	168,432	294,039	Nevada.....	4	939	4,417
<b>South Atlantic.....</b>	<b>599</b>	<b>984,404</b>	<b>630,301</b>	<b>Pacific.....</b>	<b>783</b>	<b>311,453</b>	<b>1,247,202</b>
Delaware.....	15	17,289	19,372	Washington.....	194	108,166	279,048
Maryland.....	63	77,061	94,005	Oregon.....	128	71,808	164,898
District of Columbia.....	1	(4)	(4)	California.....	461	131,479	803,256

<sup>1</sup> See footnote 1, table 794.

<sup>2</sup> See footnotes 2 and 4, table 794.

<sup>3</sup> See footnote 5, table 794.

<sup>4</sup> Membership and business allocated to States.

Source of tables 794 and 795: Department of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmers' Marketing, Purchasing, and Service Cooperatives*.



No. 796.—COMMODITY CREDIT CORPORATION—TOTAL LOANS MADE, 1933 TO 1954;  
AND LOANS OUTSTANDING, INVENTORIES, AND COST OF ACQUISITIONS, 1954

COMMODITY	LOANS MADE, <sup>1</sup> CUMULATIVE, 1933 TO 1954			Loans out- standing (book value), 1954 <sup>2</sup>	Cost of domestic acqui- sitions, 1954 <sup>3</sup>	INVENTORIES OF COMMODITIES OWNED, 1954 <sup>4</sup>	
	Quantity		Amount			Quantity, total <sup>4</sup>	Cost
	Unit	Pledged					
Total.....		1,000	\$1,000	\$1,000	\$1,000	1,000	\$1,000
			16,747,913	2,367,874	2,445,637		3,727,751
Barley.....	Bushels.....	201,654	198,898	22,366	21,408	14,108	19,567
Beans, dry.....	Cwt.....	20,567	155,375	930	17,923	1,539	14,183
Corn.....	Bushels.....	2,712,535	2,881,994	640,506	515,708	365,190	595,863
Cotton.....	Bales.....	50,391	5,091,235	1,157,014	109	164	35,018
Feed for Government facilities.....					78		
Fiber flax.....	Pounds.....	2,579	1,236				
Flour and related grain products.....					1,894		
Fruit, dried.....	Pounds.....				1,273	70	8
Honey.....	do.....	12,574	1,411	17	268	1,506	222
Kenaf fiber.....	do.....				159	605	182
Kenaf seed.....	do.....					1,223	788
Livestock:							
Beef and gravy.....	do.....					7	3
Lard.....	do.....					1,243	255
Meat and meat products.....					12,584		
Milk and milk products:							
Butter.....	Pounds.....	127,166	32,156		236,882	467,057	304,309
Butter oil.....	do.....					860	783
Cheese.....	do.....				159,982	419,082	167,598
Milk, dried.....	do.....				104,631	440,071	71,928
Milk, evaporated.....	do.....				2,478	109	13
Naval stores:							
Rosin.....	do.....	2,026,514	82,997	2,707	11,144	311,594	23,458
Turpentine.....	Gallons.....	48,582	19,137	368	862	2,178	1,177
Oats.....	Bushels.....	145,973	104,633	19,742	17,706	15,657	15,013
Oilseeds and products:							
Castor beans.....	Pounds.....				3,059	1,182	162
Castor oil.....					6,193		2,770
Cotton linters.....	Pounds.....				15,833	637,281	61,056
Cottonseed.....	Tons.....					1	137
Cottonseed meal.....	Pounds.....					191,124	5,985
Cottonseed oil, crude.....	do.....					798	115
Cottonseed oil, refined.....	do.....					884,446	157,611
Cottonseed products and others.....					102,825		
Flaxseed.....	Bushels.....	36,367	130,866	11,291	50,331	8,798	36,268
Linseed oil.....	Pounds.....				14,804	248,197	46,512
Peanuts.....	Tons.....	2,020	357,176	4,126	40,329	16	3,838
Soybeans.....	Bushels.....	99,558	230,529	525	6,564	18	54
Soybean oil.....	Pounds.....				1,915	8	1
Olive oil.....	Gallons.....	1,046	2,611		1,153	462	1,171
Peas, dry.....	Cwt.....	846	2,704				
Potatoes, Irish.....	do.....	156,174	165,570				
Potatoes, sweet.....	do.....	77	150				
Rice.....	do.....	9,397	46,234	1,379	16,112	2,150	11,671
Rye.....	Bushels.....	21,555	16,908	3,113	3,377	2,519	3,840
Seeds, miscellaneous.....	Pounds.....	452,963	62,528	30	16,155	112,333	42,480
Sorghum, grain.....	Cwt.....	136,000	300,300	1,774	55,498	16,409	46,158
Sugar.....					14,023		
Tobacco.....	Pounds.....	2,136,899	912,212	254,242	121	3,517	1,022
Tung oil.....	do.....	39,969	9,737	7,853	1,530	5,768	1,567
Wheat.....	Bushels.....	3,616,325	5,736,539	198,012	964,742	774,721	1,971,333
Wool.....	Pounds.....				25,984	119,136	83,632
Other loans.....			204,777	41,879			

<sup>1</sup> Comprises loans made directly by Commodity Credit Corporation and loans made by banks and other lending agencies under CCC. Obligations to purchase renewals and extensions of loans previously made are excluded.

<sup>2</sup> As of June 30.

<sup>3</sup> For year ending June 30. Cost of acquisitions of agricultural commodities for all purposes comprises purchases under price-support, supply, and foreign-purchase programs and acquisitions in settlement of price-support loans.

<sup>4</sup> For unit of quantity, see first column.

<sup>5</sup> Purchases foreign countries.

<sup>6</sup> Domestic acquisitions, \$4,442,000; purchases foreign countries, \$9,581,000.

Source: Department of Agriculture, Commodity Stabilization Service; annual report, *Agricultural Statistics*, and records.

No. 797.—FARMS—NUMBER AND PERCENT DISTRIBUTION, BY TYPE: 1950

[Based on reports for a sample of farms. Type of farm determined on basis of relationship of value of sales from a particular source to total value of products sold for each farm. In general, value of sales from a particular source was 50% or more of total sales when a farm was classified as that type. Part-time farms include those with a value of products sold of \$250-\$1,199 and with operator either reporting 100 days or more of off-farm work or other income exceeding value of farm products sold. Residential farms include those with a value of farm products sold of less than \$250. Abnormal farms include public and private institutional farms, experiment stations, community projects, etc.]

TYPE OF FARM	Number of farms	Percent distribution (commercial farms)	TYPE OF FARM	Number of farms	Percent distribution (commercial farms)
All farms-----	5,379,250	-----	Commercial farms—Continued		
Commercial farms-----	3,706,412	100.0	General farms:		
Cash-grain farms-----	430,389	11.6	Primarily crop-----	84,569	2.3
Cotton farms-----	609,307	16.4	Primarily livestock-----	134,666	3.6
Other field-crop farms-----	409,421	11.0	Crop and livestock-----	275,050	7.4
Vegetable farms-----	46,415	1.3	Miscellaneous types-----	50,368	1.4
Fruit-and-nut farms-----	82,178	2.2			
Dairy farms-----	602,093	16.2	Other farms-----	1,672,838	-----
Poultry farms-----	175,876	4.7	Part-time farms-----	639,230	-----
Livestock farms other than dairy and poultry-----	806,080	21.7	Residential farms-----	1,029,392	-----
			Abnormal farms-----	4,216	-----

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1950, Vol. II.

No. 793.—VALUE OF ALL FARM PRODUCTS SOLD, WITH FARMS REPORTING, BY SOURCE OF INCOME: 1940, 1945, AND 1950

[Value of farm products refers to preceding calendar year]

SOURCE OF INCOME	NUMBER OF FARMS REPORTING			VALUE OF FARM PRODUCTS SOLD					
	1940	1945	1950	Total (\$1,000)			Average per farm reporting (dollars)		
				1940	1945	1950	1940	1945	1950
All farms-----	16,096,799	15,859,169	5,382,162	(2)	(2)	22,052,256	(2)	(2)	4,097
Farms with no farm products sold-----	440,189	523,894	360,987						
All farm products sold-----	5,617,068	5,327,687	5,021,175	6,681,581	16,230,627	22,052,256	1,190	3,046	4,392
All crops sold-----	4,225,175	3,702,481	(2)	3,094,947	7,507,597	9,802,845	733	2,028	(2)
Field crops, other than vegetables and fruits and nuts sold-----	3,825,478	3,216,108	(2)	2,470,727	5,621,103	8,012,065	646	1,748	(2)
Vegetables sold-----	458,011	579,579	346,528	199,526	576,593	607,018	436	995	1,752
Fruits and nuts sold-----	668,783	531,039	381,124	295,351	1,078,643	791,665	442	2,031	2,077
Horticultural specialties sold-----	28,774	34,690	(2)	129,343	231,259	392,098	4,495	6,666	(2)
All livestock and livestock products sold-----	4,456,508	4,336,641	(2)	3,547,482	8,644,671	12,114,902	796	1,993	(2)
Dairy products sold-----	2,647,851	2,472,709	2,006,831	1,118,193	2,531,408	3,079,132	422	1,024	1,534
Poultry and poultry products sold-----	3,507,802	3,401,918	2,730,178	555,412	1,586,549	1,823,332	158	466	668
Livestock and livestock products, other than dairy and poultry, sold-----	(2)	3,476,763	(2)	1,873,878	4,526,714	7,212,438	(2)	1,302	(2)
Forest products sold-----	276,611	221,901	(2)	39,152	78,359	134,509	142	353	(2)

<sup>1</sup> Includes 39,542 unclassified farms for 1940 and 7,588 for 1945 for which value of farm products sold are not available.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1950, Vol. II.



## No. 799.—FARMS—NUMBER, BY TYPE OF FARM, BY STATES: 1950

[See headnote, table 797]

DIVISION AND STATE	All farms	COMMERCIAL FARMS										Other farms
		Total <sup>1</sup>	Cash grain	Cot- ton	Other field crop	Veg- etable	Fruit and nut	Dairy	Poul- try	Live- stock other than dairy and poul- try	General	
<b>United States</b> .....	5,379,250	3,706,412	430,389	609,307	409,421	46,415	82,178	602,093	175,876	806,080	494,285	1,672,838
<b>New England</b> .....	103,191	59,169	100	-----	6,108	1,642	1,964	27,780	13,131	2,204	2,646	44,022
Maine.....	30,368	15,790	90	-----	4,192	335	587	4,999	2,786	583	1,085	14,578
New Hampshire.....	13,382	6,385	5	-----	87	70	219	3,003	2,077	259	365	6,997
Vermont.....	19,043	13,082	-----	-----	111	30	74	10,823	761	391	458	5,961
Massachusetts.....	22,205	13,173	-----	-----	816	744	762	4,515	4,202	561	431	9,032
Rhode Island.....	2,606	1,585	-----	-----	102	95	35	595	532	75	26	1,021
Connecticut.....	15,587	9,154	5	-----	800	368	287	3,845	2,773	335	281	6,433
<b>Middle Atlantic</b> .....	296,310	194,341	6,560	-----	4,707	7,546	5,610	102,751	30,798	11,621	18,783	101,969
New York.....	124,780	87,967	2,974	-----	1,765	3,614	3,445	55,169	9,260	3,406	5,903	36,813
New Jersey.....	24,779	18,055	327	-----	866	2,888	871	4,041	6,577	553	862	6,724
Pennsylvania.....	146,751	88,319	3,259	-----	2,076	1,044	1,294	43,541	14,961	7,662	12,018	58,432
<b>E. N. Central</b> .....	885,171	671,384	120,837	151	7,897	7,147	7,995	226,808	27,215	153,897	112,108	213,787
Ohio.....	199,220	134,595	21,687	-----	2,827	1,413	1,377	32,556	7,510	34,316	30,993	64,625
Indiana.....	166,638	123,222	22,458	-----	1,701	654	516	16,057	6,813	46,281	27,757	43,416
Illinois.....	195,212	160,867	60,172	151	111	1,296	754	15,866	4,800	51,106	25,311	34,345
Michigan.....	155,619	106,847	14,972	-----	1,977	2,600	4,736	45,800	5,266	10,857	19,021	48,672
Wisconsin.....	168,582	145,853	1,548	-----	1,281	1,184	612	116,529	2,826	11,337	9,026	22,729
<b>W. N. Central</b> .....	982,411	847,189	190,859	13,373	3,068	1,718	1,215	103,870	23,269	358,576	148,233	135,222
Minnesota.....	179,119	157,239	24,842	-----	928	611	220	50,118	6,289	35,492	37,772	21,880
Iowa.....	203,155	187,702	26,244	-----	62	314	130	7,907	4,017	120,306	28,224	15,453
Missouri.....	229,958	164,600	12,936	13,373	536	468	645	29,743	6,979	78,099	21,090	65,358
North Dakota.....	65,302	62,650	39,109	-----	690	5	5	2,558	281	10,170	9,751	2,652
South Dakota.....	66,331	62,726	13,667	-----	98	40	5	1,931	832	34,583	11,477	3,605
Nebraska.....	107,174	99,934	33,088	-----	657	75	70	2,912	1,941	43,231	17,691	7,240
Kansas.....	131,372	112,338	40,973	-----	97	205	140	8,701	2,930	36,695	22,228	19,034
<b>South Atlantic</b> .....	958,403	560,966	10,255	104,487	247,627	10,819	10,733	31,336	31,654	47,878	53,886	397,437
Delaware.....	7,452	5,556	611	-----	10	324	19	1,229	2,466	248	625	1,896
Maryland.....	36,162	23,655	1,398	-----	4,990	1,173	232	6,828	3,598	278	2,839	12,507
Dist. of Col. <sup>2</sup> .....	28	16	-----	-----	-----	2	-----	-----	1	1	-----	12
Virginia.....	150,823	78,103	2,396	366	34,794	856	974	8,170	5,915	13,697	9,352	72,720
West Virginia.....	81,418	23,337	337	-----	1,242	111	401	4,341	3,331	9,957	2,903	58,081
North Carolina.....	288,473	193,679	3,141	21,441	135,227	1,348	732	5,312	5,391	6,262	12,076	94,794
South Carolina.....	139,195	84,231	1,148	40,172	27,665	1,174	661	1,590	1,520	3,035	6,241	54,964
Georgia.....	198,037	122,355	1,070	41,622	38,040	1,708	476	2,936	7,382	8,089	16,907	75,682
Florida.....	56,843	30,050	154	886	5,759	4,125	7,238	930	2,051	4,412	2,943	26,793
<b>E. S. Central</b> .....	912,408	547,666	6,956	243,192	109,805	2,614	1,827	33,478	6,870	69,609	66,808	364,742
Kentucky.....	218,237	134,595	2,128	582	70,025	215	467	9,041	1,414	26,548	23,239	83,642
Tennessee.....	231,524	138,232	2,457	44,898	27,508	578	565	14,611	1,686	22,685	21,697	93,292
Alabama.....	211,361	118,143	870	75,245	11,766	767	474	2,554	2,042	9,284	12,910	93,218
Mississippi.....	251,286	156,696	1,501	122,467	506	1,054	321	7,272	1,728	11,092	8,962	94,590
<b>W. S. Central</b> .....	779,992	503,163	45,244	238,416	17,185	5,307	6,419	27,883	15,547	91,809	51,942	276,829
Arkansas.....	182,386	113,189	3,751	73,432	306	718	1,978	6,608	4,689	12,994	7,793	69,197
Louisiana.....	124,022	70,473	4,474	42,579	5,945	892	2,159	3,157	643	6,223	3,795	53,549
Oklahoma.....	142,168	92,808	19,962	15,772	3,276	528	410	8,449	2,066	24,687	17,303	49,360
Texas.....	331,416	226,693	17,057	106,633	7,658	3,169	1,872	9,669	8,149	47,905	23,051	104,723
<b>Mountain</b> .....	194,766	149,611	33,853	4,015	8,861	2,146	2,696	17,568	5,209	49,501	24,154	45,155
Montana.....	35,074	29,999	10,370	-----	860	70	185	1,821	314	12,963	3,180	5,075
Idaho.....	40,311	32,388	7,133	-----	4,468	166	337	6,286	539	5,511	7,591	7,923
Wyoming.....	12,615	10,527	2,005	-----	286	5	5	822	128	5,696	1,455	2,088
Colorado.....	45,536	36,426	9,396	-----	1,944	1,039	971	3,135	1,168	12,290	6,076	9,110
New Mexico.....	23,503	14,056	2,413	2,712	457	162	273	671	241	5,640	1,419	9,447
Arizona.....	10,412	6,755	834	1,303	40	243	349	838	552	1,907	569	3,657
Utah.....	24,198	17,140	1,644	-----	786	456	576	3,641	2,162	4,201	3,410	7,058
Nevada.....	3,117	2,320	58	-----	20	5	-----	354	105	1,293	454	797
<b>Pacific</b> .....	266,598	172,923	15,725	5,673	4,163	7,476	43,719	36,619	22,183	20,985	15,725	93,675
Washington.....	69,821	39,355	6,392	-----	1,056	1,400	6,048	10,535	4,420	4,646	3,147	30,466
Oregon.....	59,747	34,404	3,562	-----	1,636	1,297	4,049	6,618	3,336	6,033	6,057	25,343
California.....	137,030	99,164	5,771	5,673	1,471	4,779	33,622	13,466	14,427	10,306	6,521	37,866

<sup>1</sup> Includes miscellaneous commercial farms not shown separately.<sup>2</sup> Data not included in totals.Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II.

## No. 800.—NUMBER OF FARMS, BY VALUE OF SALES, BY DIVISIONS AND STATES: 1950

[Based on reports for a sample of farms, adjusted to equal complete enumeration]

DIVISION AND STATE	NUMBER OF FARMS, BY VALUE OF SALES											
	Total	No sales	\$1 to \$249	\$250 to \$399	\$400 to \$599	\$600 to \$999	\$1,000 to \$1,499	\$1,500 to \$2,499	\$2,500 to \$3,999	\$4,000 to \$5,999	\$6,000 to \$9,999	\$10,000 and over
U. S.-----	5,382,162	360,987	672,915	311,439	326,077	510,205	458,268	640,092	606,480	500,000	502,445	493,254
New England-----	103,225	12,623	17,015	6,017	5,312	6,410	5,062	7,828	8,912	9,056	10,244	14,746
Maine-----	30,358	4,269	5,646	2,160	1,694	2,136	1,537	2,376	2,338	2,330	2,265	3,607
N. H.-----	13,391	2,036	2,658	948	828	931	649	1,042	1,054	896	1,014	1,334
Vt.-----	19,043	1,471	2,535	897	727	962	870	1,597	2,136	2,688	2,909	2,251
Mass.-----	22,220	2,435	3,345	1,116	1,246	1,471	1,267	1,731	1,929	1,772	2,097	3,811
R. I.-----	2,598	305	393	128	149	202	92	168	242	168	229	522
Conn.-----	15,615	2,107	2,438	768	668	708	647	914	1,213	1,202	1,730	3,220
Middle Atlantic-----	296,702	22,952	37,847	16,616	14,933	20,718	17,381	26,772	32,268	32,330	37,312	37,573
N. Y.-----	124,977	8,475	12,853	5,999	5,419	7,991	6,996	11,183	14,713	15,970	18,896	16,482
N. J.-----	24,838	1,351	2,378	1,050	1,124	1,531	1,336	1,766	1,828	1,986	3,196	7,292
Pa.-----	146,887	13,126	22,616	9,567	8,390	11,196	9,049	13,823	15,727	14,374	15,220	13,799
E. N. Central-----	885,404	37,311	76,836	38,449	40,796	62,162	62,170	100,598	124,862	120,959	124,417	96,844
Ohio-----	199,359	12,317	24,389	10,832	11,095	15,759	15,210	22,485	26,311	24,293	22,685	13,983
Ind.-----	166,627	7,348	15,399	8,071	8,604	12,902	12,329	18,889	22,188	20,122	22,219	18,556
Ill.-----	195,268	5,460	13,083	6,946	7,015	10,709	10,017	15,910	20,416	24,623	36,732	44,357
Mich.-----	155,589	8,564	16,134	8,669	9,477	14,595	14,597	22,150	22,846	17,624	13,770	7,163
Wis.-----	168,561	3,622	7,831	3,931	4,605	8,197	10,017	21,164	33,101	34,297	29,011	12,785
W. N. Central-----	982,735	22,292	49,085	28,397	31,425	53,874	59,319	111,669	147,799	157,548	177,295	144,032
Minn.-----	179,101	3,087	7,626	4,275	4,728	8,727	10,067	19,553	28,851	31,905	37,131	23,151
Iowa-----	203,159	2,318	5,439	3,074	3,997	6,382	6,923	14,984	24,009	33,412	51,070	51,551
Mo.-----	230,045	11,668	24,682	14,044	14,607	23,580	23,217	34,604	31,587	22,376	17,386	12,294
N. Dak.-----	65,401	262	980	586	855	1,929	2,743	7,450	12,609	14,270	14,136	9,581
S. Dak.-----	66,452	552	1,186	783	996	2,024	2,938	6,966	11,656	14,001	14,588	10,762
Nebr.-----	107,183	1,086	2,394	1,739	2,031	3,614	4,702	10,952	17,625	21,132	23,065	18,843
Kans.-----	131,394	3,319	6,778	3,896	4,211	7,618	8,729	17,160	21,462	20,452	19,919	17,850
S. Atlantic-----	958,998	99,615	172,371	68,004	69,826	105,145	93,844	133,386	104,502	51,254	31,591	29,460
Del.-----	7,448	434	761	447	418	462	362	614	674	529	770	1,977
Md.-----	36,107	3,004	4,749	2,167	1,948	2,692	2,353	3,383	3,704	3,316	4,173	4,618
D. C.-----	28	1	5	2	2	2	4	2	2	2	3	5
Va.-----	150,997	17,415	34,396	11,920	11,104	15,843	13,569	16,978	12,817	6,554	4,579	5,822
W. Va.-----	81,434	15,987	27,789	7,912	6,538	7,436	4,351	4,230	2,807	1,597	1,396	1,391
N. C.-----	288,508	25,089	41,424	15,218	16,513	26,464	28,683	52,761	47,378	22,277	9,450	3,251
S. C.-----	139,364	12,690	21,952	11,525	12,950	19,998	16,914	20,450	13,620	4,840	2,305	2,120
Ga.-----	198,191	18,185	30,600	14,500	16,221	26,681	22,747	29,100	19,426	9,307	6,357	5,067
Fla.-----	56,921	6,810	10,695	4,313	4,132	5,567	4,861	5,868	4,074	2,834	2,558	5,209
E. S. Central-----	913,002	70,761	162,128	82,432	89,678	145,223	114,733	119,028	64,981	29,736	18,667	15,635
Ky.-----	218,476	20,314	37,737	14,662	16,698	26,603	24,351	30,323	21,404	12,203	8,327	5,849
Tenn.-----	231,631	16,228	41,794	19,088	21,694	36,540	29,842	31,682	18,082	8,134	4,916	3,631
Ala.-----	211,512	18,384	40,934	21,757	22,862	34,892	25,507	24,220	12,172	4,950	2,916	2,918
Miss.-----	251,383	15,835	41,663	26,925	28,424	47,188	35,033	32,798	13,323	4,449	2,508	3,237
W. S. Central-----	780,423	60,027	112,166	50,927	53,850	86,212	77,332	97,102	75,809	53,379	49,506	64,113
Ark.-----	182,429	13,175	29,560	14,355	15,455	26,448	22,269	25,807	14,762	8,237	5,987	6,374
La.-----	124,181	14,801	20,006	9,120	10,069	17,384	16,030	17,480	8,676	3,929	2,877	3,809
Okla.-----	142,246	9,563	19,996	9,670	9,362	13,866	12,451	17,018	16,046	12,475	11,455	10,344
Tex.-----	331,567	22,488	42,604	17,782	18,964	28,514	26,582	36,797	36,325	28,738	29,187	43,586
Mountain-----	194,858	10,460	15,055	7,455	7,176	11,677	11,644	18,751	22,899	23,195	26,724	39,822
Mont.-----	35,085	987	1,593	916	1,017	1,754	1,957	3,640	4,322	4,935	5,972	7,992
Idaho-----	40,284	1,530	2,615	1,159	1,179	2,379	2,291	4,049	5,653	5,715	6,408	7,306
Wyo.-----	12,614	454	582	377	321	592	687	1,180	1,774	1,587	1,820	3,240
Colo.-----	45,578	1,855	3,125	1,612	1,615	2,357	2,520	4,190	5,286	5,495	6,696	10,827
N. Mex.-----	23,599	3,427	3,426	1,565	1,188	1,660	1,353	1,714	1,592	1,729	2,104	3,841
Ariz.-----	10,412	916	1,198	526	543	716	716	921	740	685	729	2,722
Utah-----	24,176	1,125	2,313	1,123	1,209	1,986	1,856	2,763	3,187	2,774	2,678	3,162
Nev.-----	3,110	166	203	177	104	233	264	294	345	275	317	732
Pacific-----	266,815	24,946	30,412	13,142	13,081	18,784	16,783	24,958	24,448	22,543	26,689	51,029
Wash.-----	69,820	8,208	10,654	4,040	4,150	5,542	4,445	6,560	5,536	4,908	5,841	9,936
Oreg.-----	59,827	5,967	9,053	3,759	3,628	4,699	4,283	5,626	5,490	4,415	5,165	7,742
Calif.-----	137,168	10,771	10,705	5,343	5,303	8,543	8,055	12,772	13,422	13,220	15,683	33,351

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1950, Vol. II.



## No. 801.—VALUE OF ALL FARM PRODUCTS SOLD, WITH FARMS REPORTING, BY SOURCE OF INCOME, BY STATES: 1950

[Value of farm products refers to calendar year 1949]

DIVISION AND STATE	ALL FARMS REPORTING PRODUCTS SOLD		Field crops and other than vegetables and fruits and nuts sold, value (\$1,600)	VEGETABLES SOLD		FRUITS AND NUTS SOLD		Horticultural specialties sold, value (\$1,000)
	Farms reporting <sup>1</sup>	Value (\$1,000)		Farms reporting	Value (\$1,000)	Farms reporting	Value (\$1,000)	
United States.....	5,021,175	22,052,256	8,012,065	346,528	607,018	381,124	791,665	392,098
New England.....	90,602	531,706	111,173	10,517	12,316	10,619	15,997	30,913
Maine.....	26,089	125,515	57,978	4,254	2,839	3,604	3,004	1,772
New Hampshire.....	11,355	46,500	1,926	937	769	1,283	1,646	1,795
Vermont.....	17,572	86,988	2,366	755	264	883	1,335	667
Massachusetts.....	19,785	135,350	15,802	2,899	5,488	3,195	7,143	15,490
Rhode Island.....	2,293	16,084	1,502	305	539	244	358	2,451
Connecticut.....	13,508	121,269	31,600	1,367	2,418	1,410	2,510	8,738
Middle Atlantic.....	273,750	1,390,647	149,594	36,859	79,275	33,049	51,966	87,116
New York.....	116,502	630,401	61,599	15,919	37,154	15,302	27,031	34,486
New Jersey.....	23,487	214,319	17,164	6,355	26,325	3,502	10,160	19,221
Pennsylvania.....	133,761	545,927	70,831	14,585	15,796	14,239	14,775	33,409
East North Central.....	848,093	4,043,395	1,106,749	73,000	71,479	56,002	57,197	89,732
Ohio.....	187,042	711,681	188,114	10,392	12,798	12,961	9,079	29,847
Indiana.....	159,279	731,894	206,961	8,602	7,941	6,665	4,117	12,465
Illinois.....	189,808	1,361,578	542,761	6,520	14,170	8,424	7,911	23,645
Michigan.....	147,025	473,612	120,578	19,299	17,497	18,599	30,600	15,994
Wisconsin.....	164,939	764,629	48,334	28,187	19,073	9,353	5,490	7,781
West North Central.....	960,443	5,691,252	1,716,407	18,746	18,056	26,755	7,497	31,570
Minnesota.....	176,014	960,553	257,177	8,475	10,661	4,558	1,100	8,063
Iowa.....	200,841	1,635,350	308,391	3,062	2,595	5,695	872	8,451
Missouri.....	218,377	719,878	183,840	4,285	2,989	9,908	4,077	8,394
North Dakota.....	65,139	400,822	265,298	164	56	274	24	478
South Dakota.....	65,900	430,400	121,937	322	152	651	57	637
Nebraska.....	106,097	779,521	257,653	863	508	2,095	295	2,098
Kansas.....	128,075	764,728	322,112	1,575	1,096	3,574	1,072	3,448
South Atlantic.....	859,383	2,124,731	1,005,334	93,405	108,329	57,503	163,004	43,444
Delaware.....	7,014	76,228	5,636	2,172	3,572	622	1,011	1,872
Maryland.....	33,103	172,157	36,146	7,711	9,808	2,317	2,900	5,559
Dist. of Columbia.....	27	570	2	4	4	4	(2)	424
Virginia.....	133,582	309,644	106,465	9,555	9,458	5,711	11,613	6,039
West Virginia.....	65,447	82,146	5,178	2,841	619	4,655	4,908	2,013
North Carolina.....	263,419	556,628	440,681	20,672	7,565	8,422	3,732	3,734
South Carolina.....	126,674	213,562	155,438	15,081	7,630	4,433	3,638	1,567
Georgia.....	180,006	375,152	213,320	24,427	9,930	14,720	5,270	4,863
Florida.....	50,111	338,645	42,467	10,942	59,743	16,619	129,931	17,373
East South Central.....	842,241	1,371,301	779,657	34,530	10,727	46,538	12,057	13,825
Kentucky.....	198,162	417,061	201,206	3,318	1,285	8,496	2,367	2,605
Tennessee.....	215,403	340,542	167,301	9,281	3,288	10,400	3,184	4,690
Alabama.....	193,128	274,037	167,958	11,046	3,406	16,905	2,751	5,210
Mississippi.....	235,548	339,661	243,191	10,885	2,748	10,737	3,755	1,321
West South Central.....	720,396	2,862,635	1,775,028	50,571	41,289	51,168	32,687	18,762
Arkansas.....	169,254	392,851	282,134	9,666	3,398	11,092	7,042	1,170
Louisiana.....	109,380	245,730	173,828	7,412	3,224	10,450	5,945	1,889
Oklahoma.....	132,683	471,002	245,152	5,221	2,916	12,047	2,726	3,886
Texas.....	309,079	1,753,052	1,073,915	28,272	31,752	17,579	16,975	11,816
Mountain.....	184,398	1,631,339	640,829	11,870	53,080	12,835	15,598	12,111
Montana.....	34,098	279,059	112,939	505	418	1,097	535	895
Idaho.....	38,754	281,025	146,027	1,882	3,346	2,543	3,202	1,262
Wyoming.....	12,160	121,836	28,376	182	138	206	31	255
Colorado.....	43,723	426,448	156,248	3,534	11,443	3,259	4,186	6,754
New Mexico.....	20,172	154,740	64,921	1,234	2,608	1,720	1,291	548
Arizona.....	9,496	203,937	99,505	642	30,238	1,097	3,799	861
Utah.....	23,051	130,288	28,791	3,760	4,611	2,796	2,533	1,410
Nevada.....	2,944	34,007	4,023	131	278	117	22	127
Pacific.....	241,869	2,405,249	727,293	17,030	212,466	86,655	435,662	64,624
Washington.....	61,612	365,209	142,741	4,435	14,866	14,627	57,829	8,726
Oregon.....	53,860	298,079	98,384	3,631	16,738	15,167	27,506	9,111
California.....	126,397	1,741,961	486,168	8,964	180,862	56,861	350,327	46,787

See footnotes at end of table.

**No. 801.—VALUE OF ALL FARM PRODUCTS SOLD, WITH FARMS REPORTING, BY  
SOURCE OF INCOME, BY STATES: 1950—Continued**

DIVISION AND STATE	DAIRY PRODUCTS SOLD		POULTRY AND POULTRY PRODUCTS SOLD		Livestock and livestock products sold, value <sup>2</sup> (\$1,000)	Forest products sold, value (\$1,000)	Farms with no farm products sold (number) <sup>1</sup>
	Farms reporting	Value (\$1,000)	Farms reporting	Value (\$1,000)			
<b>United States</b> .....	<b>2,006,831</b>	<b>3,079,132</b>	<b>2,730,178</b>	<b>1,823,332</b>	<b>7,212,438</b>	<b>134,509</b>	<b>360,987</b>
<b>New England</b> .....	<b>38,623</b>	<b>183,023</b>	<b>34,813</b>	<b>128,055</b>	<b>40,211</b>	<b>10,019</b>	<b>12,623</b>
Maine.....	10,093	22,071	9,218	26,182	7,132	4,538	4,269
New Hampshire.....	4,583	15,376	4,788	19,905	3,882	1,201	2,036
Vermont.....	12,443	62,358	5,386	6,065	10,527	3,405	1,471
Massachusetts.....	5,961	40,125	8,233	39,958	10,720	623	2,435
Rhode Island.....	785	6,631	1,006	3,489	1,090	23	305
Connecticut.....	4,758	36,461	6,182	32,456	6,859	227	2,107
<b>Middle Atlantic</b> .....	<b>140,967</b>	<b>569,886</b>	<b>146,130</b>	<b>268,517</b>	<b>176,617</b>	<b>7,676</b>	<b>22,952</b>
New York.....	68,394	319,323	48,274	80,425	66,500	3,882	8,475
New Jersey.....	4,938	50,146	13,023	72,841	18,253	210	1,351
Pennsylvania.....	67,635	200,416	84,833	115,252	91,864	3,584	13,126
<b>East North Central</b> .....	<b>537,534</b>	<b>904,117</b>	<b>541,752</b>	<b>302,873</b>	<b>1,498,537</b>	<b>12,710</b>	<b>37,311</b>
Ohio.....	108,950	142,221	119,331	73,650	253,462	2,511	12,317
Indiana.....	91,591	93,910	107,908	70,100	334,799	1,599	7,348
Illinois.....	106,548	127,166	140,798	64,761	580,258	905	5,460
Michigan.....	89,651	143,115	74,369	41,215	101,581	3,031	8,564
Wisconsin.....	140,794	397,705	99,346	53,147	228,436	4,664	3,622
<b>West North Central</b> .....	<b>618,877</b>	<b>511,791</b>	<b>710,227</b>	<b>411,810</b>	<b>2,988,503</b>	<b>5,618</b>	<b>22,292</b>
Minnesota.....	134,536	188,440	129,356	117,918	375,036	2,158	3,087
Iowa.....	143,659	116,436	165,735	120,315	1,077,850	440	2,318
Missouri.....	113,205	79,246	152,067	60,340	378,419	2,573	11,668
North Dakota.....	43,308	24,145	37,718	8,946	101,844	31	262
South Dakota.....	40,708	21,386	50,087	24,263	261,868	100	552
Nebraska.....	69,263	34,048	81,679	40,391	444,469	59	1,086
Kansas.....	74,198	48,089	93,585	39,637	349,017	257	3,319
<b>South Atlantic</b> .....	<b>160,709</b>	<b>212,135</b>	<b>363,512</b>	<b>262,769</b>	<b>279,211</b>	<b>50,505</b>	<b>99,615</b>
Delaware.....	2,018	6,812	4,678	54,401	2,771	153	434
Maryland.....	11,722	47,218	20,402	45,536	23,932	1,058	3,004
District of Columbia.....	2	96	5	2	41	(?)	1
Virginia.....	44,744	46,243	77,681	45,774	77,502	6,550	17,415
West Virginia.....	24,043	15,436	38,640	18,840	32,898	2,255	15,987
North Carolina.....	35,635	26,227	104,779	28,908	35,905	9,874	25,089
South Carolina.....	17,610	11,442	34,133	10,675	18,141	5,030	12,690
Georgia.....	22,531	23,994	66,765	45,022	50,913	21,839	18,185
Florida.....	2,404	34,667	16,429	13,611	37,109	3,744	6,810
<b>East South Central</b> .....	<b>212,755</b>	<b>131,369</b>	<b>407,877</b>	<b>52,053</b>	<b>346,883</b>	<b>24,731</b>	<b>70,761</b>
Kentucky.....	85,365	41,316	120,842	15,783	149,300	3,199	20,314
Tennessee.....	68,309	45,280	129,511	13,827	98,501	4,470	16,228
Alabama.....	28,242	19,439	80,533	11,702	53,605	9,967	18,384
Mississippi.....	30,839	25,334	76,991	10,741	45,477	7,094	15,835
<b>West South Central</b> .....	<b>148,620</b>	<b>157,072</b>	<b>364,124</b>	<b>113,914</b>	<b>715,236</b>	<b>8,646</b>	<b>60,027</b>
Arkansas.....	36,703	17,011	75,299	30,221	48,396	3,481	13,175
Louisiana.....	6,337	19,703	39,625	3,922	35,257	1,963	14,801
Oklahoma.....	52,603	36,424	81,099	18,897	160,600	401	9,563
Texas.....	52,977	83,934	168,101	60,874	470,984	2,802	22,488
<b>Mountain</b> .....	<b>78,661</b>	<b>101,435</b>	<b>79,568</b>	<b>55,284</b>	<b>750,129</b>	<b>2,872</b>	<b>10,460</b>
Montana.....	14,338	11,166	15,942	4,150	148,313	643	987
Idaho.....	24,197	27,818	15,520	6,134	92,369	867	1,530
Wyoming.....	5,164	4,380	5,870	1,901	86,625	132	454
Colorado.....	18,539	21,801	22,812	12,622	213,103	290	1,855
New Mexico.....	3,230	6,552	6,988	2,252	76,384	183	3,427
Arizona.....	1,753	10,873	3,021	2,914	55,035	712	916
Utah.....	10,640	16,373	8,335	24,568	51,961	42	1,125
Nevada.....	800	2,473	1,080	743	26,340	2	166
<b>Pacific</b> .....	<b>70,085</b>	<b>308,303</b>	<b>82,175</b>	<b>228,056</b>	<b>417,111</b>	<b>11,733</b>	<b>24,946</b>
Washington.....	26,550	51,507	24,670	31,186	54,774	3,580	8,208
Oregon.....	22,377	37,492	21,987	28,870	73,609	6,368	5,967
California.....	21,158	219,304	35,518	168,000	288,728	1,785	10,771

<sup>1</sup> Number of farms reporting sales and number of farms reporting no sales were based on reports for a sample of farms and adjusted to equal total number of farms as obtained in complete enumeration.

<sup>2</sup> \$500 or less.

<sup>3</sup> Other than dairy and poultry.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II.



## 25. Agriculture—Production and Related Subjects

The data in this section are, for the most part, from the Bureau of the Census, Department of Commerce, and from various agencies in the Department of Agriculture. In general, statistics for agriculture census years are from the Bureau of the Census. Estimates for intervening years, and adjustments, where necessary, to a January 1 basis are from the Agricultural Marketing Service, Department of Agriculture.

Annual agricultural statistics of a wide variety have been issued currently by the Department of Agriculture, for 90 years—the first being as of May 1, 1863. The 41 field offices design the samples and collect data from voluntary reporters. State estimates and other information are sent to the Crop Reporting Board of the Agricultural Marketing Service in Washington, where, after review, reports are issued containing State, regional, and United States data.

Statistics compiled by the Agricultural Marketing Service on crops, livestock, and livestock products, agricultural prices, farm employment, and other related subjects are based mainly on data obtained through mail questionnaires. The basic information is obtained from nearly three-quarters of a million reporters, located in every agricultural county in the United States, who report on one or more items during a year. These reporters, mostly farmers, report for their own and nearby farms on some 80 crops and scores of other items pertaining to agricultural production and farm family living.

The most extensive of the current survey data are gathered by the Agricultural Marketing Service from questionnaires handled in cooperation with the Post Office Department through its rural mail carriers. These surveys obtain livestock data in June and December and crop acreage data in October. For each survey the rural carrier distributes 10 to 20 cards to farmers on his route. The farmer is asked to complete his questionnaire for his own farm and return the card to his mail box.

In the data prepared by the Agricultural Marketing Service, estimates of crop acreage and production for the census years are set up currently on available information. Later, if necessary, these data are revised to a level based largely on the Census enumerations. The estimates for intercensal years are based on sample data obtained each year from individual reporters. This information is supplemented by other data, such as State assessors' enumerations of agricultural information, crop meter frontage measurements, reports of carlot shipments, warehouse receipts, local surveys, personal observations by field statisticians as well as reports from other sources having a knowledge of farming, agricultural production, and processing. Cotton acreage and production are also based on sample data and, in large measure, on ginning information gathered by the Bureau of the Census.

For each decade from 1840 through 1900, the Census of Agriculture was taken as of June 1. The five decennial censuses since then have been taken as of April 15, 1910; January 1, 1920; and April 1, 1930, 1940, and 1950. The 1925, 1935, and 1945 quinquennial Censuses of Agriculture were taken as of January 1. The 1954 Census of Agriculture, figures for which are still in process of compilation, was taken in the fall of that year. Comparison of inventory numbers of livestock from census to census is seriously affected by a change in the date of enumeration. From January to April there

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Note.—This section presents data for the most recent year or period available on May 2, 1955, when the material was organized and sent to the printer. In some instances, more recent data were added later.

are material changes in numbers on hand in most parts of the country due to births, marketings, farm slaughter, etc. In an effort to obtain as much comparability as possible the censuses taken in April either excluded recently born animals from the enumeration or provided for their enumeration in a separate age group. Volume II of *U. S. Census of Agriculture: 1950* shows a complete history of the enumeration of livestock and presents a discussion of the comparability from census to census. For most kinds of domestic livestock, there are comparatively short, cyclic fluctuations in numbers, even though the trend over a long period of time may be definitely in one direction.

Annual inventory numbers of livestock on farms prepared by the Department of Agriculture together with estimates of livestock, dairy, and poultry production are based on information furnished by individual farmers, supplemented by State assessors' data in a number of States, and by such records as brand inspections, rail and truck shipments, and inspected slaughter. The level for these inventories is based in large part on Census enumerations for years when Census data are available.

Data on imports and exports are now compiled by the Department of Commerce, Bureau of the Census. Annual statistics through 1946 have been published in *Foreign Commerce and Navigation of the United States*. Statistics for later years are from current corrected data. Monthly data are published in the *Summary of Foreign Commerce of the United States* (monthly and quarterly through April 1951, quarterly thereafter) and other monthly reports of the foreign trade series. (See also section 32, Foreign Commerce.) The official trade statistics based on the fiscal year are usually preferable to data presented on a calendar year basis, for use in comparing imports and exports with crop production since, for most crops, they coincide more nearly with the crop year.

For a historical summation of raw materials production, imports, exports, and consumption, which includes figures for agricultural materials, see table 907.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series E 189-243") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

# No. 802.—INDEXES OF VOLUME OF FARM MARKETINGS AND HOME CONSUMPTION: 1929 TO 1954

[1947-49=100]

ITEM	1929	1930	1935	1940	1945	1950	1952	1953	1954 (prel.)
Total.....	73	72	66	80	99	99	104	109	109
Livestock and livestock products, total.....	75	75	70	84	106	102	108	112	116
Meat animals.....	74	71	65	85	107	100	108	111	113
Poultry and eggs.....	63	66	59	71	106	111	123	125	133
Dairy products.....	83	84	86	92	104	101	100	106	108
Crops, total.....	71	69	61	74	89	96	97	106	100
Food grains.....	64	57	44	56	87	81	94	98	84
Feed crops.....	63	58	36	76	94	112	87	107	119
Cotton (lint and seed).....	108	97	75	82	66	79	103	124	88
Tobacco.....	66	76	63	70	100	98	104	99	99
Oil crops <sup>1</sup> .....	18	21	25	45	87	113	109	111	114
Vegetables <sup>2</sup> .....	79	79	84	88	102	99	95	99	98
Fruits and nuts <sup>3</sup> .....	70	69	80	81	93	99	101	97	113
Sugar crops.....	78	91	98	111	98	116	93	105	115
Seeds.....	58	72	51	96	100	133	135	111	120

<sup>1</sup> Includes peanuts; excludes cottonseed.

<sup>2</sup> Includes dry edible beans, dry field peas, mung beans, potatoes, and sweetpotatoes.

<sup>3</sup> Excludes peanuts.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.



## No. 803.—FARM OUTPUT INDEXES AND ACREAGE OF 59 CROPS: 1929 TO 1954

ITEM	1929	1930	1935	1940	1945	1950	1952	1953	1954
FARM OUTPUT AND GROSS PRODUCTION OF LIVESTOCK AND CROPS (1947-49=100)									
Farm output <sup>1</sup> .....	74	72	72	83	96	100	107	108	108
All livestock and products <sup>2</sup> .....	77	78	72	87	104	106	112	114	119
Meat animals.....	77	78	66	89	103	107	115	114	120
Dairy products.....	82	84	86	92	103	101	101	106	108
Poultry and eggs.....	63	65	59	70	106	111	123	127	133
All crops <sup>3</sup> .....	79	76	76	85	93	97	103	103	100
Feed grains.....	83	73	80	85	97	104	102	101	104
Hay and forage.....	88	75	96	106	113	105	105	109	108
Food grains.....	66	72	53	67	89	83	105	96	83
Vegetables.....	81	82	88	91	101	101	96	99	97
Fruits and nuts.....	76	75	91	95	93	102	102	106	106
Sugar crops.....	76	88	95	108	96	117	95	106	106
Cotton.....	104	98	75	88	63	70	106	116	95
Tobacco.....	75	81	65	72	98	101	112	102	109
Oil crops.....	21	23	34	56	88	116	104	103	118
Feed used by farm horses and mules <sup>4</sup> .....	227	219	191	167	131	82	64	57	51
AGGREGATE ACREAGE, 59 CROPS <sup>5</sup>									
Planted or grown.....1,000 acres.....	363, 028	369, 500	361, 942	348, 050	356, 324	353, 808	356, 082	359, 812	354, 081
Harvested.....do.....	355, 295	359, 896	336, 102	331, 731	345, 546	337, 085	341, 922	341, 164	336, 954

<sup>1</sup> Measures annual volume of farm production available for eventual human use.

<sup>2</sup> Measures gross production of meat animals, dairy products, poultry and eggs, and some miscellaneous livestock products not shown separately, excluding horses and mules. Livestock production is made up of three components: Constant-dollar value of pasture consumed, other feed consumed, and product-added in converting feed and pasture into livestock and products for human use. In combining production of livestock and crops into total farm output, value of feed other than pasture consumed is excluded to avoid double counting of production of feed crops included in crop production.

<sup>3</sup> Total constant dollar value of all crop production including some miscellaneous crop production not shown, regardless of its final disposition. In calculating farm output the value of production of hay seeds, pasture seeds, and cover-crop seeds is excluded.

<sup>4</sup> Hay and concentrates. Constant dollar value of hay and concentrates fed to horses and mules is subtracted when combining livestock and crops into total farm output.

<sup>5</sup> 52 crops for 1929 and 1930.

Source: Department of Agriculture, Agricultural Research Service; annual report, *Agricultural Statistics*.

## No. 804.—FARM LABOR PRODUCTIVITY AND MAN-HOURS REQUIRED: 1910 TO 1954

YEAR	Man-hours of labor required on farms <sup>1</sup> (millions)	Index of farm output per man-hour <sup>2</sup> (1947-49=100)	YEAR	Man-hours of labor required on farms <sup>1</sup> (millions)	Index of farm output per man-hour <sup>2</sup> (1947-49=100)
1910.....	22, 547	46	1945.....	19, 108	86
1915.....	23, 244	50	1946.....	18, 423	91
1920.....	23, 995	50	1947.....	17, 593	92
1925.....	23, 800	50	1948.....	17, 116	104
1930.....	22, 921	54	1949.....	16, 563	104
1935.....	21, 052	59	1950.....	15, 227	112
1940.....	20, 443	69	1951.....	15, 630	113
1941.....	20, 049	74	1952.....	15, 237	120
1942.....	20, 849	79	1953.....	15, 075	123
1943.....	20, 682	78	1954 (prel.).....	14, 755	126
1944.....	20, 482	81			

<sup>1</sup> Expressed in terms of man-equivalent hours, that is, time used by average adult males in performing farm operations.

<sup>2</sup> Index of farm output (production available for human use) divided by index of man-hour requirements.

Source: Department of Agriculture, Agricultural Research Service; annual report, *Agricultural Statistics*.

## No. 805.—LAND AND LIVESTOCK PRODUCTIVITY INDEX NUMBERS: 1919 TO 1954

[1947-49=100]

YEAR	Cropland used <sup>1</sup>	Crop production per acre <sup>2</sup>	Animal units of breeding livestock <sup>3</sup>	Production per animal unit <sup>4</sup>	YEAR	Cropland used <sup>1</sup>	Crop production per acre <sup>2</sup>	Animal units of breeding livestock <sup>3</sup>	Production per animal unit <sup>4</sup>
1919.....	99	77	97	68	1937.....	100	88	87	87
1920.....	97	86	94	68	1938.....	98	85	87	91
1921.....	97	73	93	71	1939.....	96	85	93	91
1922.....	96	79	97	73	1940.....	97	88	95	92
1923.....	96	79	102	73	1941.....	96	90	94	98
1924.....	96	79	98	74	1942.....	97	100	104	98
1925.....	98	80	92	77	1943.....	100	91	117	95
1926.....	98	82	92	80	1944.....	100	96	114	92
1927.....	98	81	94	81	1945.....	98	95	108	96
1928.....	99	83	94	81	1946.....	97	101	107	94
1929.....	100	79	92	84	1947.....	98	95	103	97
1930.....	101	75	92	85	1948.....	100	106	98	99
1931.....	101	83	93	86	1949.....	102	99	99	104
1932.....	101	79	95	85	1950.....	99	93	102	104
1933.....	100	71	98	84	1951.....	100	99	104	107
1934.....	99	59	98	77	1952.....	100	103	104	108
1935.....	100	76	86	84	1953 <sup>5</sup> .....	101	102	103	111
1936.....	99	65	90	86	1954 <sup>5</sup> .....	99	101	108	110

<sup>1</sup> Based on sum of the estimated acreage from which one or more crops were harvested plus acreages of crop failure and summer fallow.

<sup>2</sup> Average farm prices were used as weights in combining annual total production of each crop into an index of total crop production. Average 1935-39 prices were used for 1939 and prior years, and average 1947-49 prices for the period beginning in 1940. Index series for the two subperiods were spliced together in 1940 through use of overlapped calculations for that year. Index of crop production was divided by the index of cropland used to derive the index of crop production per acre.

<sup>3</sup> Numbers of various types of breeding units were combined into a total by weighting by constant-dollar value weights based on contribution of each unit to gross livestock production. Average 1935-39 weights were used for 1939 and prior years, and 1947-49 weights for the period beginning in 1940. Index series for the two subperiods were spliced together in 1940 through use of overlapped calculations for that year.

<sup>4</sup> An index of livestock production was built up by using 1935-39 and 1947-49 farm prices as weights and splicing as outlined for crop production in footnote 2. Index of livestock production was divided by the index of animal units of breeding livestock to obtain production per unit.

<sup>5</sup> Preliminary.

Source: Department of Agriculture, Agricultural Research Service; annual report, *Agricultural Statistics*.

## No. 806.—AGRICULTURAL PRODUCTS EXPORTED—INDEXES OF QUANTITY: 1940 TO 1954

[January 1924-December 1929=100. Beginning January 1947, includes exports under various special programs]

YEAR ENDING JUNE 30—	Total <sup>1</sup>	Cotton, including linters	Agricultural, except cotton	Tobacco, unmanu- factured	Fruits	Wheat and flour	Other grains	Cured pork	Lard, in- cluding neutral
1940.....	63	77	50	67	88	29	58	17	33
1945.....	64	20	105	97	69	31	49	38	109
1946.....	96	43	146	110	75	175	70	6	57
1947.....	100	46	151	122	99	201	168	8	41
1948.....	90	24	151	83	89	266	109	2	43
1949.....	109	56	158	92	66	278	165	4	62
1950.....	97	68	125	101	63	172	180	6	69
1951.....	93	50	132	99	63	204	194	11	65
1952.....	111	66	153	111	81	262	179	15	96
1953.....	82	35	125	95	85	177	210	9	60
1954.....	84	44	121	97	90	120	187	4	51

<sup>1</sup> Based on data for 74 agricultural export classifications.

Source: Department of Agriculture, Foreign Agricultural Service; annual report, *Agricultural Statistics*. Published currently in *Foreign Agricultural Trade*. Computed from official records of Bureau of the Census.



## No. 807.—AGRICULTURAL PRODUCTS IMPORTED—INDEXES OF QUANTITY: 1940 TO 1954

[January 1924–December 1929=100]

YEAR ENDING JUNE 30—	Total <sup>1</sup>	Com- ple- men- tary <sup>2</sup>	Supple- men- tary <sup>2</sup>	Wool (excl. free for carpets)	Hides and skins	Dairy prod- ucts	Sugar	Vegetable oils and oilseeds	Grains, grain products, and feeds	To- bacco, leaf
1940.....	102	113	87	112	76	51	82	103	111	75
1942.....	102	100	104	389	116	32	62	98	119	77
1943.....	78	44	122	898	103	36	48	43	220	92
1944.....	89	61	125	488	70	21	82	57	805	80
1945.....	84	67	106	382	57	5	90	53	445	86
1946.....	86	79	94	561	47	17	52	42	123	84
1947.....	102	104	98	457	53	25	72	81	38	100
1948.....	100	110	87	296	62	16	80	72	15	80
1949.....	102	114	86	179	42	23	87	62	124	92
1950.....	104	111	96	255	59	41	79	69	188	91
1951.....	119	121	115	332	67	55	92	86	211	100
1952.....	108	115	98	248	49	49	91	54	307	110
1953.....	111	113	109	258	47	68	92	55	341	105
1954.....	101	105	96	133	36	46	96	56	337	103

<sup>1</sup> Based on data for 122 agricultural import classifications.<sup>2</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, teas, and spices.Source: Department of Agriculture, Foreign Agricultural Service; annual report, *Agricultural Statistics*. Published currently in *Foreign Agricultural Trade*. Computed from official records of Bureau of the Census and U. S. Tariff Commission.

## No. 808.—AGRICULTURAL EXPORTS AND IMPORTS—VALUE: 1857 TO 1954

[In millions of dollars. Excludes forest products and distilled liquors. Crude rubber and similar gums (now mainly plantation products) are included in agricultural products]

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	AGRICULTURAL EXPORTS			AGRICULTURAL IMPORTS <sup>3</sup>				Excess of domestic agricul- tural exports over supple- mentary imports
	Domestic products		Foreign products (re- exports)	Total	Percent of all imports	Supple- mentary imports <sup>4</sup>	Comple- mentary imports <sup>4</sup>	
	Total <sup>1</sup>	Percent of all exports <sup>2</sup>						
1857-1861.....	214	80.4	10.2	118	37.1			
1862-1866.....	147	74.7	9.2	122	43.0			
1867-1871.....	250	76.6	8.6	181	42.6			
1872-1876.....	396	78.3	9.0	266	47.0			
1877-1881.....	589	80.1	8.6	272	51.4			
1882-1886.....	555	75.9	9.7	322	48.4			
1887-1891.....	572	74.6	7.2	378	49.8			
1892-1896.....	636	72.7	9.4	413	53.5			
1897-1901.....	826	65.8	12.9	401	53.4			
1902-1906.....	878	59.4	14.5	523	49.7			
1907-1911.....	974	53.8	16.8	701	49.9			
1912-1916.....	1,254	45.1	28.0	1,024	55.4			
1917-1921.....	2,856	42.6	82.7	2,162	61.5			
1922-1926.....	1,950	45.9	58.6	1,982	54.3			
1927-1931.....	1,621	35.9	57.8	1,943	51.2	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1932-1936.....	713	36.4	20.3	872	50.9	443	429	270
1937-1941.....	679	20.3	32.3	1,281	51.0	628	652	51
1942-1946.....	1,976	18.9	92.0	1,645	45.5	1,024	621	952
1948.....	3,505	25.4	56.0	2,862	45.3	1,444	1,418	2,062
1949.....	3,830	30.2	51.6	3,001	43.0	1,532	1,469	2,298
1950.....	2,986	29.6	53.2	3,177	45.2	1,553	1,625	1,433
1951.....	3,411	27.1	96.4	5,147	47.9	2,289	2,858	1,122
1952.....	4,053	26.0	70.0	4,699	45.0	1,971	2,728	2,082
1953.....	2,819	18.6	75.6	4,303	39.5	1,911	2,393	908
1954 (prel.).....	2,936	19.3	61.5	4,174	39.8	1,694	2,480	1,242

<sup>1</sup> Beginning Jan. 1, 1942, includes food exported for relief or charity; beginning Jan. 1, 1947, also includes exports under Army Civilian Supply Program. <sup>2</sup> Based on total exports of domestic merchandise.<sup>3</sup> Imports for consumption beginning 1934; general imports prior thereto. <sup>4</sup> See footnote 2, table 807.<sup>5</sup> A average not computed; data not available prior to 1929.Source: Department of Agriculture, Foreign Agricultural Service, from official records of Bureau of the Census and U. S. Tariff Commission. Published in annual report, *Agricultural Statistics*.

## No. 809.—VALUE OF PRINCIPAL AGRICULTURAL EXPORTS: 1931 TO 1954

[In millions of dollars. Excludes reexports of foreign products. Includes shipments under foreign aid programs such as UNRRA, Interim Aid, ECA, and MDAP (FOA); Civilian Supply shipments are included in 1948 and subsequent years]

PRODUCTS	1931- 1935, average	1936- 1940, average	1941- 1945, average	1946- 1950, average	1950	1951	1952	1953	1954 (prel.)
<b>Agricultural exports, total...</b>	<b>731.7</b>	<b>701.2</b>	<b>1,654.4</b>	<b>3,222.5</b>	<b>2,853.1</b>	<b>4,038.3</b>	<b>3,431.1</b>	<b>2,847.5</b>	<b>3,049.2</b>
Live animals.....	1.5	1.8	3.5	12.2	7.2	9.0	10.9	12.7	15.9
Meats.....	23.7	21.3	373.2	114.4	32.3	58.6	50.2	58.6	58.9
Eggs and dairy products.....	6.9	8.6	376.6	269.6	102.8	153.0	93.9	104.9	99.8
Animal fats and oils.....	37.0	18.2	109.2	108.5	112.1	214.3	147.3	129.5	181.1
Hides and skins.....	3.2	4.5	1.1	15.7	11.6	12.7	19.5	37.4	54.4
Bread grains <sup>1</sup> .....	40.4	58.6	112.6	896.4	499.7	1,013.4	957.4	595.9	434.8
Coarse grains.....	9.3	38.8	30.5	224.9	248.8	375.0	367.7	307.7	207.2
Rice.....	4.7	6.9	30.2	82.9	85.0	95.0	157.2	154.5	106.3
Fodders and feeds.....	9.3	9.5	3.9	19.0	16.6	33.4	12.8	20.1	35.8
Vegetables.....	8.0	13.2	59.0	73.2	52.5	71.2	90.9	80.1	84.0
Fruits and preparations.....	83.2	74.0	83.8	127.8	111.5	117.3	140.0	143.3	170.9
Vegetable oils (expressed), oil-seeds, and nuts.....	6.5	11.3	46.1	145.2	165.7	262.8	163.1	182.1	326.6
Coffee and substitutes.....	1.9	2.2	1.2	7.2	5.1	5.0	6.2	7.4	8.5
Sugar and related products.....	4.8	8.1	26.8	26.6	29.1	22.0	19.1	17.8	9.2
Seeds, except oilseeds.....	1.9	2.5	13.0	15.0	7.0	8.0	5.5	8.2	18.5
Tobacco.....	103.7	109.8	137.7	267.9	250.2	325.5	246.4	340.8	303.1
Cotton.....	366.5	282.9	151.7	674.2	1,024.5	1,146.4	873.5	521.2	787.7
Wool and hair.....	1.5	2.1	6.8	9.7	10.4	4.6	2.3	5.6	6.7
All other.....	17.6	27.1	87.5	132.1	81.1	110.9	67.2	119.7	139.8

<sup>1</sup> Wheat and rye; flour and flour products.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States* and records.

## No. 810.—VALUE OF PRINCIPAL AGRICULTURAL IMPORTS: 1931 TO 1954

[In millions of dollars. General imports through 1932, imports for consumption thereafter. Excludes distilled liquors and candy]

GROUP	1931- 1935, average	1936- 1940, average	1941- 1945, average	1946- 1950, average	1950	1951	1952	1953	1954
<b>Agricultural imports, total...</b>	<b>(1)</b>	<b>1,249.1</b>	<b>1,596.7</b>	<b>3,016.6</b>	<b>3,986.8</b>	<b>5,179.0</b>	<b>4,518.9</b>	<b>4,184.8</b>	<b>3,970.1</b>
Animals and products, edible.....	16.1	45.7	52.4	116.0	188.3	243.7	177.9	196.9	197.8
Dairy products and eggs.....	14.2	14.2	5.8	17.2	31.0	28.7	40.1	32.0	27.9
Hides and skins, except reptile.....	38.6	50.1	66.2	88.9	114.1	127.0	55.9	68.2	50.1
Animal fats, inedible.....	3.5	1.1	2.7	.4	.5	.8	1.0	1.4	.8
Grains and preparations.....	28.2	44.3	112.3	42.8	78.4	131.4	165.7	169.3	92.6
Fodders and feeds.....	6.7	11.3	16.4	23.1	33.4	42.1	74.2	40.1	39.4
Vegetables, fruits, nuts.....	66.3	79.3	93.0	203.9	215.4	221.9	218.8	245.1	225.4
Vegetable oils (expressed) and oilseeds.....	71.7	112.9	84.4	203.5	215.2	211.7	151.8	161.3	142.1
Cocoa, coffee, tea, spices.....	188.4	204.1	347.5	956.5	1,391.6	1,672.2	1,666.4	1,759.4	1,878.8
Sugar and related products.....	122.0	152.1	207.6	363.0	405.1	439.8	473.2	470.7	454.5
Beverages, excluding spirits.....	6.1	11.4	14.0	20.5	23.6	25.3	27.5	34.2	34.8
Crudo rubber.....	74.6	206.3	151.8	312.3	458.2	809.3	618.8	331.5	261.9
Tobacco, unmanufactured.....	27.1	34.3	50.5	80.8	76.4	85.4	80.7	82.2	82.7
Cotton, unmanufactured.....	7.4	11.4	20.2	41.2	43.3	42.4	40.0	42.1	29.2
Wool and mohair, unmanufactured.....	18.7	61.3	247.9	291.2	427.8	713.5	382.2	295.7	222.5
Raw silk.....	115.1	108.7	12.6	32.0	20.6	19.5	33.6	26.1	30.7
Vegetable fibers, except cotton and silk.....	17.8	29.4	42.6	80.8	96.1	158.2	126.1	84.3	58.5
All other.....	(2)	71.2	68.7	142.6	167.8	206.1	185.0	144.4	140.7

<sup>1</sup> Not available on calendar year basis prior to 1934.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States* and records.



## No. 811.—ALL CROPS—ACREAGE, VALUE, AND CROPLAND HARVESTED: 1879 TO 1949

[Minus sign (—) denotes decrease]

CROP AND YEAR	ACREAGE			VALUE			Average value per acre
	Total	Increase *		Total	Increase		
		Acres	Percent		Amount	Percent	
Cropland harvested:	1,000	1,000		\$1,000	\$1,000		Dollars
1919 <sup>1</sup>	348,604						
1924	344,549	-4,054	-1.2				
1929	359,242	14,693	4.3				
1934	295,624	-63,618	-17.7				
1939	321,242	25,618	8.7				
1944	352,866	31,623	9.8				
1949	344,399	-8,467	-2.4				
All crops:							
1879	166,187			(2)	(2)	(2)	(2)
1889	219,706	53,519	32.2	(2)	(2)	(2)	(2)
1899	283,218	63,513	28.9	2,888,050	(2)	(2)	10.20
1909	311,293	28,075	9.9	5,287,774	2,399,724	83.1	16.99
1919	348,604	37,310	12.0	14,646,178	9,358,404	177.0	42.01
1924	(2)	(2)	(2)	7,472,535	-7,173,643	-49.0	(2)
1929 <sup>3</sup>	361,945	(2)	(2)	8,223,515	750,980	10.0	22.72
1934	298,642	-63,302	-17.5	4,479,015	-3,744,500	-45.5	15.00
1939 <sup>3</sup>	324,238	25,596	8.6	5,705,464	1,226,449	27.4	17.60
1944 <sup>3,4</sup>	353,355	29,116	9.0	14,439,931	8,734,466	153.1	40.87
1949 <sup>3</sup>	351,713	-1,642	-0.5	16,297,016	1,857,086	12.9	46.34
Field crops: <sup>5</sup>							
1899	282,840			2,725,292			9.64
1909	309,913	27,073	9.6	4,942,666	2,217,374	81.4	15.95
1919 <sup>6</sup>	346,875	36,963	11.9	13,272,598	8,329,932	168.5	38.26
1929	352,660	5,785	1.7	6,900,096	-6,372,502	-48.0	19.57
1934 <sup>7</sup>	288,421	-64,239	-18.2	3,949,725	-2,950,371	-42.8	13.69
1939	315,660	27,239	9.4	4,763,656	813,931	20.6	15.09
1944 <sup>4</sup>	343,798	28,138	8.9	11,891,732	7,128,076	149.6	34.59
1949	342,854	-944	-0.3	14,322,283	2,430,551	20.4	41.77
Vegetables: <sup>5,8</sup>							
1909	1,009			<sup>9</sup> 65,749	( <sup>10</sup> )	( <sup>10</sup> )	
1919	1,424	415	41.1	534,436	( <sup>10</sup> )	( <sup>10</sup> )	
1929	2,812	1,387	97.4	522,010	-12,426	-2.3	
1934	3,774	962	34.2	<sup>11</sup> 137,029	( <sup>10</sup> )	( <sup>10</sup> )	
1939	3,053	-720	-19.1	410,916	( <sup>10</sup> )	( <sup>10</sup> )	
1944 <sup>4</sup>	4,370	1,317	43.1	1,032,626	621,710	151.3	
1949	3,714	-656	-15.0	<sup>9</sup> 607,018	-425,608	-41.2	
Fruits and nuts and horticultural specialties:							
1899 <sup>12</sup>	379			162,757			
1909 <sup>12</sup>	371	-7	-1.9	279,358	116,601	71.6	
1919 <sup>12</sup>	304	-67	-18.1	839,144	559,785	200.4	
1929 <sup>13</sup>	6,473	( <sup>10</sup> )	( <sup>10</sup> )	801,409	-37,735	-4.5	123.81
1934 <sup>7</sup>	6,448	-25	-0.4	392,261	-409,148	-51.1	60.84
1939	5,525	-923	-14.3	530,892	138,631	35.3	96.09
1944 <sup>13</sup>	5,187	-338	-6.1	1,515,572	984,680	185.5	292.21
1949 <sup>14</sup>	5,145	-41	-0.8	1,367,716	-147,857	-9.8	265.81

<sup>1</sup> For Census of 1920, cropland harvested was obtained by adding the acres of individual crops harvested.  
See footnote 6.

<sup>2</sup> Not available.

<sup>3</sup> Total acreage of crops harvested for which figures are available. Includes any acreage of alfalfa seed and clover and grass seeds enumerated, some of which was harvested from land also cut for hay.

<sup>4</sup> Total for specified crops.

<sup>5</sup> Irish and sweet potatoes included with "Field crops," not with "Vegetables."

<sup>6</sup> Excludes corn cut for fodder (acreage, 14,503,000; value, \$206,935,000) probably duplicated in acreage of corn harvested for grain.

<sup>7</sup> Only strawberries included in small fruits; other small fruits included in field crops.

<sup>8</sup> Acreage represents vegetables harvested for sale only; acreage in farm gardens not available. Value comprises both vegetables for home use and for sale, except as noted.

<sup>9</sup> Vegetables harvested for sale.

<sup>10</sup> Available data not comparable.

<sup>11</sup> Farm garden vegetables for home use only.

<sup>12</sup> Acreage in fruit orchards, vineyards, and planted nut trees not secured prior to 1930 Census.

<sup>13</sup> Acreage of horticultural specialties not included.

<sup>14</sup> Excludes acreage on farms reporting less than one-half acre in orchards, vineyards, and planted nut trees.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II.

## No. 812.—CROPS—ACREAGE, PRODUCTION, AND VALUE, BY KIND: 1944 AND 1949

[See also *Historical Statistics*, series E 181-243]

CROP	ACREAGE (1,000)		PRODUCTION (1,000 units)			VALUE (\$1,000)	
	1944	1949	Unit	1944	1949	1944	1949
All crops harvested.....		1 351,713					16,297,916
Crops specified for 1944 <sup>2</sup> .....	353,355					14,439,931	16,103,775
All field crops <sup>4</sup> .....		342,854					14,322,283
Crops specified for 1944 <sup>2</sup> .....	343,798					11,891,732	14,149,284
Corn for all purposes <sup>5</sup> .....	92,259	83,336				3,291,109	3,823,424
Sorghum for all purposes except sirup.....	17,224	10,069				306,980	228,783
All wheat threshed.....	<sup>6</sup> 58,286	<sup>6</sup> 71,163	Bushels.....	<sup>6</sup> 1,032,660	<sup>6</sup> 1,006,559	<sup>6</sup> 1,458,641	<sup>6</sup> 1,874,371
Oats threshed.....	35,425	35,321	do.....	1,041,112	1,135,700	721,162	739,724
Oats cut for feeding unthreshed.....	4,187	1,833				83,710	40,781
Barley threshed.....	11,694	<sup>6</sup> 9,180	Bushels.....	261,425	<sup>6</sup> 220,963	262,369	<sup>6</sup> 231,735
Rye threshed.....	2,023	<sup>6</sup> 1,418	do.....	21,349	<sup>6</sup> 16,563	23,256	<sup>6</sup> 20,237
Mixed grains threshed.....	<sup>6</sup> 7 1,146	1,763	do.....	<sup>6</sup> 7 30,812	45,769	<sup>6</sup> 7 31,225	51,910
Flax threshed.....	2,477	<sup>6</sup> 4,813	do.....	20,765	<sup>6</sup> 40,189	60,324	<sup>6</sup> 144,793
Rice threshed.....	<sup>6</sup> 1,394	<sup>6</sup> 1,819	do.....	<sup>6</sup> 65,044	<sup>6</sup> 89,432	<sup>6</sup> 114,192	<sup>6</sup> 158,436
Soybeans harvested for beans.....		10,148	do.....	<sup>6</sup> 187,726	212,440	<sup>6</sup> 389,512	451,129
Soybeans hogged or grazed or cut for silage.....	<sup>6</sup> 8 12,407	583					9,818
Cowpeas harvested for dry peas.....		382	Bushels.....	3,603	1,954	13,182	6,885
Cowpeas harvested for green peas <sup>9</sup> .....		151	Bu. in shell.....		2,092		4,005
Cowpeas hogged or grazed or cut for silage.....	<sup>6</sup> 8 1,415	312					5,154
Soybeans and cowpeas cut for hay.....	<sup>10</sup> 3,072	1,394	Tons.....	3,350	1,643	78,804	37,296
Peanuts harvested for nuts.....		2,134	Pounds.....	<sup>6</sup> 2,008,856	1,721,913	<sup>6</sup> 162,727	177,000
Peanut vines or tops saved for hay.....	<sup>6</sup> 8 3,676	1,335	Tons.....	1,041	674	17,307	9,844
All dry field and seed beans other than velvetbeans and soybeans.....	<sup>6</sup> 1,898	1,780	Bushels.....	<sup>6</sup> 26,075	32,367	<sup>6</sup> 97,802	131,846
All dry field and seed peas other than cowpeas and Austrian peas.....	<sup>6</sup> 697	366	do.....	<sup>6</sup> 14,285	5,215	<sup>6</sup> 42,064	11,466
All hay, excluding sorghum for hay and specified annual legumes.....	<sup>6</sup> 69,215	<sup>11</sup> 65,631	Tons.....	<sup>6</sup> 94,914	90,046	<sup>6</sup> 1,630,084	1,884,000
Alfalfa cut for hay.....	14,977	16,412	do.....	32,670	35,254	605,966	793,601
Clover or timothy cut for hay.....	22,603	18,557	do.....	30,749	23,957	583,028	547,072
Lespedeza cut for hay.....	<sup>6</sup> 5,941	<sup>6</sup> 6,929	do.....	<sup>6</sup> 5,569	<sup>6</sup> 7,934	<sup>6</sup> 132,475	<sup>6</sup> 162,254
Small grains cut for hay.....	1,542	3,046	do.....	1,884	3,141	30,950	63,548
Wild hay cut.....	15,526	<sup>6</sup> 14,292	do.....	14,422	<sup>6</sup> 11,611	128,482	<sup>6</sup> 172,078
Other hay cut.....	8,625	<sup>12</sup> 6,390	do.....	9,620	<sup>12</sup> 6,655	149,183	<sup>12</sup> 133,141
Silage made from grass or hay crops <sup>13</sup> .....		297	do.....		1,495		12,305
Alfalfa seed harvested.....	<sup>6</sup> 827	1,055	Bushels.....	<sup>6</sup> 946	1,882	<sup>6</sup> 19,527	43,341
Red clover seed harvested.....	<sup>6</sup> 1,914	1,326	do.....	<sup>6</sup> 1,603	1,268	<sup>6</sup> 30,294	30,938
Lespedeza seed harvested.....	<sup>6</sup> 811	1,007	Pounds.....	<sup>6</sup> 174,183	231,939	<sup>6</sup> 14,221	17,057
Vetch seed harvested.....	75	180	do.....	37,260	36,317	2,666	5,499
Cotton harvested (lint).....	<sup>6</sup> 18,962	26,599	Bales.....	<sup>6</sup> 11,838	15,419	<sup>6</sup> 1,266,373	2,212,902
Cottonseed.....			Tons.....	<sup>6</sup> 4,896	6,410	<sup>6</sup> 260,465	278,395
Tobacco harvested.....	<sup>6</sup> 1,630	1,532	Pounds.....	<sup>6</sup> 1,778,769	1,769,769	<sup>6</sup> 740,747	820,045
Sugarcane cut for sugar.....	<sup>6</sup> 269	319	Tons.....	<sup>6</sup> 5,061	6,301	<sup>6</sup> 25,548	37,820
Sugarcane or sorghum for sirup.....	<sup>6</sup> 14 88	<sup>6</sup> 64	Gallons.....	<sup>6</sup> 14 13,048	<sup>6</sup> 7,160	<sup>6</sup> 14 13,928	<sup>6</sup> 7,560
Sugar beets harvested for sugar.....	<sup>6</sup> 546	662	Tons.....	<sup>6</sup> 6,841	9,944	<sup>6</sup> 73,312	107,593
Hops harvested.....	28	37	Pounds.....	32,493	44,491	21,615	25,328
Chufas harvested for nuts.....	<sup>15</sup> 1	1	Bushels.....	17	13	<sup>15</sup> 127	90
Irish potatoes harvested.....	2,537	<sup>16</sup> 1,514	do.....	356,547	366,528	519,678	468,391
Sweet potatoes harvested.....	<sup>6</sup> 673	<sup>16</sup> 392	do.....	<sup>6</sup> 63,288	39,424	<sup>6</sup> 118,423	83,060
All other.....		3,235					141,717
Vegetables, total <sup>4</sup> .....							
Vegetables grown for home use.....						1,032,626	<sup>3</sup> 607,018
Vegetables harvested for sale.....	4,370	3,714				456,033	
						576,593	607,018

For footnotes, see next page.



No. 812.—CROPS—ACREAGE, PRODUCTION, AND VALUE, BY KIND: 1944 AND 1949—Continued

CROP	ACREAGE (1,000)		PRODUCTION (1,000 units)			VALUE (\$1,000)	
	1944	1949	Unit	1944	1949	1944	1949
All fruits and nuts and horticultural specialties.....		17 5, 145					1, 367, 716
Fruits and nuts and horticultural specialties specified for 1944 <sup>2</sup> .....	16 5, 187					1, 515, 572	1, 347, 473
Strawberries.....	73	102	Quarts..	86, 306	168, 708	27, 713	50, 089
Other berries and small fruits.....	113	116				19, 300	29, 310
Tree fruits, nuts and grapes (nurseries excluded).....	5, 001	17 4, 716				1, 237, 300	896, 220
Apples.....			Bushels..	6 135, 968	131, 253	6 263, 379	187, 420
Peaches.....			do.....	68, 011	55, 457	156, 180	80, 485
Pears.....			do.....	27, 788	26, 899	63, 175	36, 629
Cherries.....			Pounds..	6 344, 236	372, 065	6 35, 895	32, 459
Plums and prunes.....			Bushels..	19, 525	20, 298	46, 909	36, 539
Grapes.....			Pounds..	5, 240, 034	5, 018, 655	211, 551	98, 202
Apricots.....			Bushels..	6 12, 799	6, 959	6 33, 263	12, 202
Oranges, including satsumas, tangerines, and mandarins.....			Tons.....	6 3, 929	3, 746	6 245, 086	224, 432
Grapefruit.....			do.....	6 1, 547	1, 164	6 61, 487	58, 151
Lemons.....			Field boxes..	6 18, 761	16, 377	6 38, 734	52, 646
Limes.....			Pounds..	6 8, 578	16, 453	6 558	810
Pecans.....			do.....	6 98, 180	61, 054	21, 553	12, 521
Walnuts, English or Persian.....			do.....	6 120, 511	153, 860	6 27, 476	24, 634
Almonds.....			do.....	6 54, 184	77, 386	6 20, 807	12, 223
Filberts and hazelnuts.....			do.....	6 11, 414	17, 388	6 3, 118	1, 899
Tung nuts.....			do.....	6 62, 693	157, 585	6 3, 130	4, 728
All other.....							20, 242
Horticultural specialties.....		211				231, 259	392, 098

<sup>1</sup> Total acreage of crops harvested for which figures are available. Includes any acreage of alfalfa seed and clover and grass seeds enumerated, some of which was harvested from land also cut for hay.

<sup>2</sup> 1949 totals exclude crops for which data were not obtained in 1944.

<sup>3</sup> Value of vegetables grown for home use not obtained in 1949.

<sup>4</sup> Irish and sweetpotatoes included with "Field crops," not with "Vegetables."

<sup>5</sup> Excludes sweet corn, popcorn, "Egyptian corn," kafir, and milo maize.

<sup>6</sup> Totals are for States for which data are available.

<sup>7</sup> Excludes flax and wheat mixtures.

<sup>8</sup> Grown alone for all purposes.

<sup>9</sup> Totals are for 8 States having separate inquiry on questionnaire.

<sup>10</sup> Represents duplication of acreage shown elsewhere.

<sup>11</sup> Individual hay crops may include some duplication of acreage due to cutting of more than one crop during year.

<sup>12</sup> Includes wild hay and lespedeza in those States where separate inquiries were not on the questionnaire.

<sup>13</sup> Silage crops other than corn and sorghums.

<sup>14</sup> Excludes sorghum for sirup.

<sup>15</sup> Excludes chufas hogged off: 12 acres, value \$356,000.

<sup>16</sup> Excludes acreage for farms with less than 15 bushels harvested.

<sup>17</sup> Excludes acreage on farms with less than 1/2 acre of fruit orchards, groves, vineyards, and planted nut trees.

<sup>18</sup> Acreage for horticultural specialties not included.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II.

## No. 813.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1866 TO 1954

[For weights of units of measurement for principal products, see Appendix II. Approximate weights of units of measurement for other products are as follows: Number of pounds to a bushel—sweetpotatoes, 55; sorghums for grain, 56; clover seed, 60. Number of pounds to a bag of rice, 100. Prices and yields for periods are weighted averages except for cotton and cottonseed, which are simple averages of prices and yields for individual years. Acreage, production, and yield of all crops revised to Census data. See also *Historical Statistics*, series E 181-230, for acreage harvested, production, and price data for corn, wheat, oats, barley, flaxseed, potatoes, sweetpotatoes, cotton, cottonseed, soybeans, and hay]

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>2</sup>
CORN						WHEAT				
	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bushel	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bushel
1866-1875.....	40,123	1,028,963	561,163	25.6	54.5	21,918	270,595	337,186	12.3	124.6
1876-1885.....	63,655	1,667,510	652,608	26.2	39.1	34,553	448,337	413,730	13.0	92.3
1886-1895.....	78,327	1,986,608	725,562	25.4	36.5	38,496	526,076	356,288	13.7	67.7
1896-1900.....	91,253	2,523,555	711,706	27.7	28.2	47,258	630,354	413,935	13.3	65.7
1901-1905.....	95,226	2,529,114	1,113,625	26.6	44.0	47,002	674,843	483,123	14.4	71.6
1906-1910.....	97,894	2,735,480	1,450,885	27.9	53.1	45,105	664,299	579,992	14.7	87.3
1911-1915.....	100,294	2,609,562	1,720,900	26.0	66.0	53,247	801,080	712,938	15.0	89.0
1916-1920.....	102,631	2,704,768	3,342,953	26.4	123.4	59,485	790,773	1,526,204	13.3	193.0
1921-1925.....	101,275	2,706,506	2,033,203	26.7	75.3	57,558	787,082	875,067	13.7	111.2
1926-1930.....	99,483	2,484,935	1,919,033	25.0	77.2	60,300	866,470	883,173	14.4	101.9
1931-1935.....	102,306	2,330,431	1,137,535	22.8	48.8	51,926	680,868	407,254	13.1	60.0
1936-1940.....	90,790	2,347,110	1,432,758	25.9	61.0	57,687	795,913	614,156	13.8	77.2
1941-1945.....	89,285	2,928,642	3,027,701	32.8	103	56,396	984,580	1,252,433	17.5	127
1946-1950.....	84,534	3,094,663	4,699,940	36.6	152	70,312	1,184,749	2,398,392	16.8	202
1942.....	87,367	3,068,562	2,813,772	35.1	91.7	49,773	969,381	1,064,789	19.5	110
1943.....	92,060	2,965,980	3,328,496	32.2	112	51,355	843,813	1,148,845	16.4	136
1944.....	94,014	3,087,982	3,353,205	32.8	109	59,749	1,060,111	1,498,081	17.7	141
1945.....	87,625	2,868,795	3,651,929	32.7	127	65,167	1,107,623	1,660,891	17.0	150
1946.....	87,658	3,217,076	5,028,250	36.7	156	67,105	1,152,118	2,201,036	17.2	191
1947.....	82,888	2,354,739	5,082,655	28.4	216	74,519	1,358,911	3,109,445	18.2	229
1948.....	84,778	3,605,078	4,675,149	42.5	130	72,418	1,294,911	2,577,191	17.9	199
1949.....	85,602	3,238,618	4,034,035	37.8	125	75,910	1,098,415	2,061,897	14.5	188
1950.....	81,817	3,057,803	4,679,612	37.4	153	61,610	1,019,389	2,042,392	16.5	200
1951.....	80,736	2,899,169	4,813,520	35.9	166	61,492	980,810	2,073,645	16.0	211
1952.....	81,099	3,279,403	4,988,554	40.4	152	70,926	1,298,957	2,714,404	18.3	209
1953.....	80,608	3,192,491	4,717,593	39.6	148	67,661	1,169,484	2,385,167	17.3	204
1954 (prel.)...	79,875	2,964,639	4,488,601	37.1	151	53,712	969,781	2,063,379	18.1	213
OATS						RYE				
	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bushel	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bushel
1866-1875.....	10,616	281,394	122,375	26.5	43.5	1,589	17,210	15,864	10.8	92.2
1876-1885.....	17,954	494,612	158,927	27.5	32.1	1,905	22,165	14,205	11.6	64.1
1886-1895.....	28,113	753,240	215,561	26.8	28.6	2,160	27,209	14,695	12.6	54.0
1896-1900.....	29,741	865,863	199,211	29.1	23.0	2,262	29,088	12,888	12.9	44.3
1901-1905.....	32,122	975,626	315,133	30.4	32.3	2,323	30,640	17,570	13.2	57.3
1906-1910.....	34,869	954,648	383,118	27.4	40.1	2,166	29,137	20,369	13.5	69.9
1911-1915.....	37,531	1,155,906	454,401	30.8	39.3	2,965	39,714	29,681	13.4	74.7
1916-1920.....	41,100	1,312,199	834,158	31.9	63.6	5,455	65,481	96,895	12.0	148.0
1921-1925.....	42,441	1,248,349	497,621	29.4	39.9	4,857	63,746	47,739	13.1	74.9
1926-1930.....	40,266	1,189,317	477,416	29.5	40.1	3,394	40,928	30,826	12.1	75.3
1931-1935.....	37,597	973,920	252,598	25.9	25.9	2,980	33,134	13,888	11.1	41.9
1936-1940.....	34,826	1,052,573	328,074	30.2	31.3	3,526	41,474	21,149	11.8	51.0
1941-1945.....	39,350	1,267,222	759,269	32.2	59.9	2,800	34,344	28,118	12.3	82
1946-1950.....	39,983	1,353,850	1,083,373	33.9	80.0	1,789	21,846	36,173	12.2	166
1942.....	38,197	1,342,681	655,738	35.2	48.8	3,792	52,929	31,934	14.0	60.3
1943.....	38,914	1,139,831	823,297	29.3	72.2	2,652	28,680	28,173	10.8	98.2
1944.....	39,741	1,149,240	815,376	28.9	70.9	2,132	22,525	24,597	10.6	109
1945.....	41,739	1,523,851	1,016,276	36.5	66.7	1,850	23,708	32,119	12.8	135
1946.....	42,812	1,477,573	1,195,146	34.5	80.9	1,597	18,487	35,456	11.6	192
1947.....	37,855	1,176,142	1,232,230	31.1	105.0	1,991	25,497	57,719	12.8	226
1948.....	39,280	1,450,186	1,048,437	36.9	72.3	2,058	25,886	37,697	12.6	146
1949.....	39,236	1,254,885	825,053	32.0	65.7	1,554	18,102	21,949	11.6	121
1950.....	40,733	1,410,464	1,115,999	34.6	79.1	1,744	21,257	28,046	12.2	132
1951.....	36,525	1,321,288	1,087,396	36.2	82.3	1,710	21,301	32,647	12.5	153
1952.....	38,422	1,260,127	990,275	32.8	78.6	1,383	16,046	27,694	11.6	173
1953.....	39,217	1,209,458	899,063	30.8	74.3	1,384	18,163	23,542	13.1	130
1954 (prel.)...	42,151	1,499,579	1,083,206	35.6	72.2	1,718	23,688	26,728	13.8	113

<sup>1</sup> Values are based on season average or Dec. 1 prices. See notes on "Price" column.

<sup>2</sup> Received by farmers. Beginning 1908, prices are season average prices for the crop-marketing season; prior thereto, Dec. 1 prices. Prices for certain years include an allowance for unredeemed loan and purchase agree-ment deliveries.



**No. 813.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1866 TO 1954—Continued**

YEARLY AVERAGE OR YEAR	Acres har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>3</sup>	Acres har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>3</sup>
BARLEY						BUCKWHEAT				
	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bushel	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bushel
1866-1875----	1,302	28,246	26,820	21.7	95.0	765	10,425	9,085	13.6	87.1
1876-1885----	2,236	50,303	31,000	22.5	61.6	816	10,442	6,849	12.8	65.6
1886-1895----	3,513	82,767	39,376	23.6	47.6	812	11,256	6,165	13.9	54.8
1896-1900----	4,308	102,595	37,485	23.8	36.5	814	12,640	5,927	15.5	46.9
1901-1905----	5,981	151,417	65,069	25.3	43.0	819	14,888	8,854	18.2	59.5
1906-1910----	7,250	163,200	90,978	22.5	55.7	841	14,601	10,125	17.4	69.3
1911-1915----	7,552	177,102	101,286	23.5	57.2	778	12,927	9,838	16.6	76.1
1916-1920----	7,858	173,712	174,922	22.1	100.7	838	12,642	18,988	15.1	150.2
1921-1925----	7,210	160,478	93,500	22.3	58.3	707	12,052	11,287	17.0	93.7
1926-1930----	11,262	263,142	144,125	23.4	54.8	665	9,918	8,747	14.9	88.2
1931-1935----	10,608	211,714	77,607	20.0	36.7	480	8,187	4,191	17.1	51.2
1936-1940----	11,034	243,144	113,228	22.0	46.6	401	6,445	4,143	16.1	64.3
1941-1945----	13,778	331,640	266,988	24.1	81	425	7,385	7,505	17.4	102
1946-1950----	10,853	280,614	361,286	25.9	129	348	5,894	8,024	16.9	136
1942-----	16,958	429,450	271,231	25.3	63.2	375	6,636	5,613	17.7	84.6
1943-----	14,900	322,913	319,871	21.7	99.1	505	8,830	11,113	17.5	126
1944-----	12,301	276,275	280,434	22.5	102	508	8,956	9,061	17.6	101
1945-----	10,454	266,994	271,662	25.5	102	401	6,467	7,665	16.1	119
1946-----	10,380	265,059	360,773	25.5	136	383	6,812	10,059	17.8	148
1947-----	10,955	281,868	478,852	25.7	170	505	7,177	13,610	14.2	190
1948-----	11,905	315,537	363,258	26.5	115	330	6,085	6,825	18.4	112
1949-----	9,872	237,071	246,291	24.0	104	269	4,956	4,721	18.4	95.3
1950-----	11,153	303,533	357,258	27.2	118	253	4,439	4,906	17.5	111
1951-----	9,436	254,287	315,270	26.9	124	201	3,340	4,673	16.6	140
1952-----	8,244	226,014	304,532	27.4	135	161	3,205	4,515	19.9	141
1953-----	8,586	242,544	278,483	28.2	115	175	3,193	2,917	18.2	91.4
1954 (prel.)--	12,994	370,126	389,047	28.5	105	149	2,719	2,579	18.2	94.9
RICE, ROUGH						FLAXSEED				
	1,000 acres	1,000 bags	\$1,000	Pounds	Dollars per bag	1,000 acres	1,000 bushels	\$1,000	Bushels	Cents per bushel
1906-1910----	598	9,832	17,436	1,644	1.77	2,384	20,590	25,662	8.6	125
1911-1915----	677	10,814	20,679	1,597	1.91	2,041	17,197	25,444	8.4	148
1916-1920----	1,056	18,793	68,093	1,780	3.62	1,580	10,136	30,872	6.4	305
1921-1925----	922	16,187	41,934	1,756	2.59	2,166	17,749	37,821	8.2	213
1926-1930----	968	19,334	40,513	1,997	2.10	2,988	20,084	40,585	6.7	202
1931-1935----	853	18,214	25,526	2,135	1.40	1,778	10,161	13,201	5.7	130
1936-1940----	1,054	23,782	38,784	2,256	1.63	1,662	14,193	21,715	8.5	153
1941-1945----	1,424	28,617	106,891	2,010	3.74	3,952	35,868	91,690	9.1	256
1946-1950----	1,714	37,083	184,698	2,164	4.98	4,134	40,244	188,915	9.7	469
1942-----	1,457	29,082	105,082	1,996	3.61	4,408	40,976	96,560	9.3	236
1943-----	1,472	29,264	116,024	1,988	3.96	5,691	50,009	141,554	8.8	283
1944-----	1,480	30,974	121,614	2,093	3.93	2,610	21,665	62,941	8.3	291
1945-----	1,499	30,668	122,136	2,046	3.98	3,785	34,557	99,912	9.1	289
1946-----	1,582	32,497	162,644	2,054	5.00	2,432	22,588	91,153	9.3	404
1947-----	1,708	35,217	210,287	2,062	5.97	4,129	40,618	249,843	9.8	615
1948-----	1,804	38,275	186,682	2,122	4.88	4,973	54,803	312,975	11.0	571
1949-----	1,857	40,737	167,105	2,194	4.10	5,048	42,976	156,073	8.5	363
1950-----	1,620	38,689	196,773	2,388	5.09	4,090	40,236	134,531	9.8	334
1951-----	1,967	45,797	220,877	2,328	4.82	3,904	34,696	128,841	8.9	371
1952-----	1,965	48,107	282,441	2,448	5.87	3,303	30,174	112,135	9.1	372
1953-----	2,129	52,607	272,926	2,471	5.19	4,456	36,668	132,716	8.2	362
1954 (prel.)--	2,405	58,853	256,060	2,447	4.35	5,663	41,534	127,940	7.3	308

<sup>1</sup> Values are based on season average or Dec. 1 prices. See notes on "Price" column.

<sup>3</sup> Received by farmers. Prices are season average prices as follows: Barley, buckwheat, and flaxseed, beginning 1908; rice, beginning 1909. Prices for prior years are as of Dec. 1. Prices for certain years for barley, rice, and flaxseed include an allowance for unredeemed loans and purchase agreement deliveries.

## No. 813.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1866 TO 1954—Continued

YEARLY AVERAGE OR YEAR	Acres har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>4</sup>	Acres har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>4</sup>
POTATOES						SWEETPOTATOES				
	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bushel	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bushel
1866-1875	1,488	129,276	81,370	86.9	62.9	<sup>5</sup> 376	<sup>5</sup> 29,170	<sup>5</sup> 25,517	<sup>5</sup> 77.6	<sup>5</sup> 87.5
1876-1885	2,074	173,138	87,877	83.5	50.8	464	35,625	<sup>6</sup> 20,063	76.8	<sup>6</sup> 54.9
1886-1895	2,635	214,022	102,644	81.2	48.0	526	44,448	<sup>7</sup> 22,071	84.5	<sup>7</sup> 51.0
1896-1900	2,918	246,703	101,576	84.5	41.2	542	44,452	<sup>8</sup> 20,926	82.0	<sup>8</sup> 48.8
1901-1905	3,115	286,091	162,270	91.8	56.7	565	52,815	30,841	93.5	58.4
1906-1910	3,465	342,410	205,664	98.8	60.1	615	59,337	41,211	96.5	69.5
1911-1915	3,473	349,277	234,639	100.6	67.2	597	57,063	48,339	95.6	84.7
1916-1920	3,455	336,280	472,515	97.3	140.5	736	71,633	99,374	97.4	138.7
1921-1925	3,359	357,535	350,071	106.5	97.9	702	62,193	77,909	88.6	125.3
1926-1930	3,132	<sup>9</sup> 359,142	354,952	114.7	99.2	664	62,593	71,188	94.3	113.7
1931-1935	3,510	<sup>9</sup> 377,518	201,396	107.6	53.4	945	77,491	49,967	82.0	64.5
1936-1940	2,906	<sup>9</sup> 355,109	241,653	122.2	68.1	741	61,991	49,110	83.7	79.2
1941-1945	2,809	<sup>9</sup> 397,862	495,610	141.5	125	729	65,728	107,166	90.2	163
1946-1950	1,993	<sup>9</sup> 431,689	466,095	216.6	108	521	49,679	103,229	95.4	208
1942	2,671	368,899	428,432	138.1	116	687	65,469	77,548	95.3	118
1943	3,239	<sup>9</sup> 458,887	595,754	141.7	130	857	71,142	146,413	83.1	206
1944	2,780	383,926	570,442	138.1	149	726	68,251	129,912	94.0	190
1945	2,664	419,399	597,922	157.4	143	646	61,259	124,306	94.8	203
1946	2,527	<sup>10</sup> 487,315	602,823	192.9	124	637	60,825	131,643	95.5	216
1947	2,001	388,985	128,172	194.4	161	547	49,642	107,279	90.8	216
1948	1,981	449,895	690,660	227.1	154	455	43,094	94,923	94.6	220
1949	1,759	402,353	515,876	228.8	128	472	45,008	96,205	95.3	214
1950	1,696	<sup>9</sup> 429,896	392,942	253.4	91.7	492	49,825	86,097	101.2	173
1951	1,334	<sup>9</sup> 320,519	522,190	240.3	163	314	28,796	87,807	91.7	305
1952	1,402	349,093	685,604	249.0	196	325	28,532	96,362	87.8	338
1953	1,525	<sup>9</sup> 380,075	297,912	249.3	79.5	351	34,276	86,167	97.7	251
1954 (prel.)	1,405	355,099	435,944	252.8	123	346	29,880	69,001	86.5	231
COTTON (EXCLUDING LINTERS) <sup>11</sup>						COTTONSEED				
	1,000 acres	1,000 bales <sup>12</sup>	\$1,000	Lb.	Cents per pound		1,000 short tons	\$1,000		Dols. per ton
1866-1875	9,046	3,389		162.6			1,382			
1876-1885	15,147	5,706	253,959	172.2	9.30		2,419			
1886-1895	20,016	7,691	289,493	181.5	7.70		3,389			
1896-1900	24,425	10,036	354,068	197.4	7.04		4,486			
1901-1905	28,041	10,801	485,555	183.8	8.98		4,800			
1906-1910	31,057	11,847	653,884	182.3	11.29		<sup>13</sup> 4,799	<sup>13</sup> 120,640	<sup>13</sup> 25.07	
1911-1915	33,649	14,167	729,245	200.7	10.44		6,292	125,791		20.59
1916-1920	33,534	11,918	1,468,022	169.9	24.91		5,295	277,640		53.28
1921-1925	35,895	11,515	1,277,208	151.2	22.22		5,112	169,432		33.11
1926-1930	42,212	14,834	1,126,700	167.8	15.38		6,500	184,899		28.83
1931-1935	31,671	12,684	551,305	190.9	9.16		5,505	95,829		19.16
1936-1940	27,058	13,534	646,935	239.1	9.67		5,684	132,166		23.49
1941-1945	20,619	11,247	1,110,889	262.4	19.85		4,602	228,712		49.83
1946-1950	21,421	12,303	1,974,506	272.9	32.72		4,961	338,783		70.96
1942	22,602	12,817	1,220,320	272.4	19.05		5,202	237,221		45.60
1943	21,610	11,427	1,136,751	254.0	19.90		4,688	244,059		52.10
1944	19,617	12,230	1,267,857	299.4	20.73		4,902	258,163		52.70
1945	17,029	9,015	1,014,823	254.1	22.52		3,664	187,155		51.10
1946	17,584	8,640	1,409,668	235.7	32.64		3,514	252,697		71.90
1947	21,330	11,860	1,892,949	266.6	31.93		4,682	402,058		85.90
1948	22,911	14,877	2,260,089	311.3	30.38		5,945	399,755		67.20
1949	27,439	16,128	2,304,636	281.8	28.58		6,559	284,810		43.40
1950	17,843	10,014	2,005,684	269.0	40.07		4,105	354,593		86.40
1951	26,949	15,149	2,868,720	269.4	37.88		6,286	435,891		69.30
1952	25,921	15,139	2,617,644	279.9	34.59		6,190	430,959		69.60
1953	24,341	16,465	2,654,683	324.2	32.25		6,748	355,252		52.60
1954 (prel.)	19,187	13,569	2,311,964	339	34.1		5,568	335,946		60.30

<sup>1</sup> Values are based on season average or Dec. 1 prices. See notes on "Price" column.<sup>4</sup> Received by farmers. Beginning with 1908 for potatoes and cotton, 1909 for sweetpotatoes, and cottonseed, prices are season average prices. Figures for prior years are Dec. 1 prices. Prices for certain years for cotton and cottonseed include an allowance for unredeemed loans and purchase agreement deliveries.<sup>5</sup> 8-year average. <sup>6</sup> 6-year average. <sup>7</sup> 7-year average. <sup>8</sup> 4-year average.<sup>9</sup> Includes following quantities of commercial early potatoes not marketed and excluded in computing value (1,000 bushels): 1928, 7,462; 1931, 66; 1932, 2,175; 1939, 1,240; 1943, 440; 1950, 1,235; 1951, 1,093; 1953, 5,115.<sup>10</sup> Includes 1,504,000 bushels unharvested but purchased by the Government under price-support program. State production figures, which conform with Census annual ginning enumeration with allowance for cross ginned in California from 1913 to 1924, has been excluded.<sup>11</sup> Production is in running bales prior to 1899; 500-pound gross weight bales thereafter.<sup>12</sup> Data for 1909 and 1910.



No. 813.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1866 TO 1954—Continued

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>14</sup>	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>14</sup>
SORGHUMS FOR GRAIN						PEANUTS (PICKED AND THRESHED)				
	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bu. <sup>15</sup>	1,000 acres <sup>15</sup>	1,000 pounds	\$1,000	Lb.	Cents per lb. <sup>17</sup>
1916-1920						1,094	796,948	52,068	728.5	6.53
1921-1925						936	640,834	32,525	684.9	5.08
1926-1930	<sup>18</sup> 3,500	<sup>18</sup> 43,764	<sup>18</sup> 29,014	<sup>18</sup> 12.5	<sup>18</sup> 66.3	1,099	789,092	35,206	718.1	4.46
1931-1935	4,038	53,843	23,763	13.3	44.1	1,434	996,762	24,907	695.2	2.50
1936-1940	4,708	61,306	31,926	13.0	52.1	1,770	1,352,243	45,952	764	3.40
1941-1945	6,921	122,755	111,216	17.7	90.6	3,002	1,993,497	138,650	664	6.96
1946-1950	7,279	142,441	179,691	19.6	126	2,878	2,091,398	213,460	727	10.2
1945	6,324	96,063	114,756	15.2	119	3,160	2,042,235	168,878	646	8.27
1946	6,669	106,025	147,402	15.9	139	3,141	2,038,005	185,364	649	9.10
1947	5,480	93,217	171,032	17.0	183	3,377	2,181,695	220,210	646	10.1
1948	7,317	131,384	168,235	18.0	128	3,296	2,335,840	246,180	709	10.5
1949	6,592	148,299	166,760	22.5	112	2,308	1,864,780	193,496	808	10.4
1950	10,335	233,278	245,024	22.6	105	2,268	2,036,670	222,052	898	10.9
1951	8,457	160,195	211,929	18.9	132	2,009	1,675,955	174,878	834	10.4
1952	5,061	83,024	129,972	16.4	157	1,460	1,366,225	148,670	936	10.9
1953	6,150	109,353	139,756	17.8	128	1,541	1,588,415	176,337	1,031	11.1
1954 (prel.)	10,764	204,087	250,731	19.0	123	1,368	1,043,560	128,543	763	12.3
BEANS, DRY, EDIBLE						SOYBEANS (FOR BEANS)				
	1,000 acres	1,000 bags <sup>19</sup>	\$1,000 <sup>20</sup>	Lb.	Dollars per bag <sup>17</sup>	1,000 acres	1,000 bushels	\$1,000	Bush- els	Cents per bu. <sup>17</sup>
1916-1920	1,329	8,397	59,814	631.8	7.79	<sup>21</sup> 432	<sup>21</sup> 4,911	<sup>21</sup> 11,796	<sup>21</sup> 11.4	<sup>21</sup> 240
1921-1925	1,308	8,949	45,022	683.9	5.46	679	8,685	14,947	12.8	75
1926-1930	1,892	11,597	61,578	643.7	5.73	1,531	23,597	17,616	15.4	72
1931-1935	1,687	12,468	31,127	739.2	2.66	3,420	61,995	53,373	18.1	86
1936-1940	1,709	15,069	47,639	881.7	3.38	9,433	174,028	321,668	18.4	185
1941-1945	1,958	17,557	91,725	897	5.22	11,264	230,107	580,796	20.4	252
1946-1950	1,747	18,438	147,267	1,055	7.99	10,740	193,167	402,234	18.0	208
1945	1,487	13,091	78,317	880	6.55	9,932	203,395	522,140	20.5	257
1946	1,622	15,840	156,289	977	10.60	11,411	186,451	621,477	16.3	333
1947	1,778	17,268	184,019	971	11.60	10,682	227,217	516,069	21.3	227
1948	1,938	20,816	152,443	1,074	7.86	10,482	234,194	506,474	22.3	216
1949	1,885	21,379	130,979	1,134	6.59	13,814	299,279	737,822	21.7	247
1950	1,512	16,886	112,604	1,117	7.44	13,545	282,477	769,926	20.9	273
1951	1,408	17,341	125,544	1,232	7.91	14,338	298,052	809,314	20.8	272
1952	1,261	16,235	130,105	1,287	8.67	14,679	268,528	731,721	18.3	272
1953	1,397	18,171	137,123	1,301	8.15	17,037	342,795	900,957	20.1	263
1954 (prel.)	1,576	18,899	136,143	1,199	8.01					
RED CLOVER SEED <sup>22</sup>						HOPS				
	1,000 acres	1,000 bushels	\$1,000	Bushels	Dollars per bushel <sup>17</sup>	1,000 acres	1,000 pounds	\$1,000	Lb.	Cents per lb. <sup>24</sup>
1916-1920	<sup>23</sup> 1,091	<sup>23</sup> 1,287	<sup>23</sup> 22,741	<sup>23</sup> 1.18	<sup>23</sup> 17.67	30	32,668	10,786	1,098	33.0
1921-1925	945	981	11,891	1.04	12.12	22	26,616	4,456	1,215	16.7
1926-1930	1,061	1,190	15,959	1.12	13.41	23	30,353	5,586	1,314	18.4
1931-1935	843	953	6,887	1.13	7.23	30	<sup>25</sup> 36,224	6,090	1,212	17.3
1936-1940	1,208	1,236	11,410	1.02	9.23	32	<sup>25</sup> 36,966	7,944	1,151	23.5
1941-1945	1,711	1,332	21,005	0.78	15.77	36	44,669	24,760	1,243	55.4
1946-1950	1,951	1,711	39,156	0.88	22.88	40	<sup>25</sup> 52,830	29,960	1,321	56.7
1945	2,163	1,559	28,993	0.72	18.60	41	57,614	37,401	1,407	64.9
1946	2,581	1,929	42,399	0.75	21.98	41	53,751	33,736	1,313	62.8
1947	1,433	1,145	32,139	0.80	28.07	40	50,786	34,736	1,275	68.4
1948	1,823	1,688	43,959	0.93	26.04	40	50,464	27,984	1,248	55.5
1949	1,360	1,313	31,975	0.97	24.35	38	<sup>25</sup> 50,796	22,260	1,353	57.0
1950	2,556	2,478	45,306	0.97	18.28	39	<sup>25</sup> 58,351	31,083	1,508	62.1
1951	1,458	1,439	27,388	0.99	19.03	41	<sup>25</sup> 63,239	31,833	1,535	68.3
1952	1,705	1,645	30,595	0.96	18.60	38	<sup>25</sup> 61,263	24,324	1,600	60.2
1953	1,449	1,424	21,819	0.98	15.30	28	41,803	19,392	1,488	46.4
1954 (prel.)	958	929	24,944	0.97	26.90	28	43,491	20,489	1,581	47.1

<sup>1</sup> Values are based on season average or Dec. 1 prices. See notes on "Price" column.  
<sup>14</sup> Received by farmers. Prices for certain years for grain sorghums, dry edible beans, soybeans, and red clover seed include an allowance for unredeemed loans and purchase agreement deliveries. See also notes on prices for each crop.

<sup>15</sup> Based on the reported price of grain sorghums.  
<sup>17</sup> Prices are season average prices, prices of beans being for cleaned beans.  
<sup>18</sup> Average for 1929 and 1930.  
<sup>19</sup> Bags of 100 pounds (uncleaned).  
<sup>20</sup> Farm value of dry edible beans equals the price of cleaned beans applied to the production of cleaned beans rather than to the total production.  
<sup>21</sup> Average for 1924 and 1925.  
<sup>22</sup> Beginning 1939, clean seed; prior years, thrasher-run seed.  
<sup>23</sup> Average for 1919 and 1920.  
<sup>24</sup> Dec. 1 prices, 1916 to 1931; beginning 1932, season average prices.  
<sup>25</sup> Includes 5,436,000 pounds in 1935, 4,365,000 pounds in 1937, 3,140,000 pounds in 1938, 2,813,000 pounds in 1939, not available for marketing because of economic conditions and the marketing agreement allotments. Salable allotments under marketing agreement were 39,000,000 pounds in 1949, 50,000,000 pounds in 1950, 46,500,000 pounds in 1951, and 39,200,000 pounds in 1952. Prices and values are computed on the marketed crop. Marketing agreement terminated June 30, 1953.

## No. 813.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1866 TO 1954—Continued

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>26</sup>	Acreage har- vested	Produc- tion	Farm value <sup>1</sup>	Yield per acre	Price <sup>26</sup>
HAY <sup>27</sup>						TOBACCO				
	1,000 acres	1,000 tons	\$1,000	Short tons	Dollars per ton <sup>28</sup>	1,000 acres	1,000 pounds	\$1,000	Lb.	Cents per lb. <sup>29</sup>
1866-1875----	20,296	23,356	332,744	1.15	14.21	450	339,207	34,829	754	10.3
1876-1885----	28,704	36,056	350,467	1.26	9.72	711	518,825	38,817	730	7.5
1886-1895----	39,492	48,007	427,727	1.22	8.91	916	669,297	52,244	731	7.8
1896-1900----	42,467	54,137	422,324	1.27	7.80	1,064	818,926	53,822	770	6.6
1901-1905----	46,147	61,592	557,465	1.33	9.05	1,126	923,378	67,718	820	7.3
1906-1910----	50,542	66,001	706,860	1.31	10.71	1,173	977,983	95,630	834	9.8
1911-1915----	67,402	80,341	906,605	1.19	11.28	1,286	1,048,825	107,974	816	10.3
1916-1920----	72,407	90,020	1,513,078	1.24	16.81	1,742	1,386,048	322,444	795	23.2
1921-1925----	73,322	87,935	1,085,952	1.20	12.35	1,653	1,279,550	247,642	774	19.4
1926-1930----	69,118	83,980	948,691	1.22	11.30	1,831	1,410,902	249,531	771	17.7
1931-1935----	68,190	76,969	651,795	1.13	8.47	1,569	1,268,339	175,681	808	13.9
1936-1940----	68,842	85,404	790,145	1.24	9.25	1,641	1,491,701	277,578	909	18.6
1941-1945----	75,861	103,385	1,754,218	1.36	16.97	1,542	1,603,694	618,116	1,040	38.5
1946-1950----	73,211	98,759	2,159,228	1.35	21.86	1,718	2,080,043	973,970	1,211	46.8
1945-----	76,697	107,438	2,068,523	1.40	19.30	1,821	1,991,108	848,216	1,094	42.6
1946-----	73,741	99,518	2,084,794	1.35	20.90	1,961	2,314,807	1,044,230	1,181	45.1
1947-----	74,666	100,576	2,240,809	1.35	22.30	1,852	2,107,160	917,889	1,138	43.6
1948-----	71,817	96,172	2,266,742	1.34	23.60	1,554	1,979,581	954,698	1,274	48.2
1949-----	71,464	95,055	2,013,260	1.33	21.20	1,623	1,969,100	904,531	1,213	45.9
1950-----	74,368	102,476	2,190,536	1.38	21.40	1,599	2,029,567	1,048,503	1,269	51.7
1951-----	74,442	107,991	2,481,003	1.45	23.00	1,780	2,331,591	1,191,331	1,310	51.1
1952-----	74,454	104,345	2,581,992	1.40	24.70	1,771	2,254,271	1,124,544	1,273	49.9
1953-----	73,996	105,530	2,338,139	1.43	22.20	1,631	2,055,370	1,075,326	1,260	52.3
1954 (prel.)--	72,770	104,380	2,359,011	1.43	22.60	1,645	2,200,134	1,131,089	1,337	51.4
SORGHUMS FOR FORAGE						ORANGES AND TANGERINES (5 STATES) <sup>30</sup>				
	1,000 acres	1,000 tons	\$1,000	Short tons	Dols. per ton <sup>31</sup>		1,000 boxes <sup>32</sup>	\$1,000 <sup>33</sup>		Dols. per box <sup>33</sup>
1919-1920----							29,097	69,625		2.39
1921-1925----							31,650	72,772		2.30
1926-1930----	18 4,849	18 6,505	18 63,763	18 1.34	18 9.80		43,096	100,560		2.33
1931-1935----	7,103	8,628	55,114	1.21	6.39		52,950	64,016		1.22
1936-1940----	8,640	10,934	64,616	1.27	5.91		73,721	76,669		1.06
1941-1945----	8,339	12,557	109,794	1.51	8.74		99,745	246,689		2.47
1946-1950----	4,644	6,565	97,321	1.41	14.82		113,471	196,698		1.73
1945-----	7,357	9,543	115,071	1.30	12.10		104,350	303,939		2.93
1946-----	5,957	8,181	119,589	1.37	14.60		118,540	179,429		1.55
1947-----	4,590	5,666	98,496	1.23	17.40		114,510	147,224		1.30
1948-----	4,680	6,659	106,658	1.42	16.00		104,120	179,820		1.74
1949-----	3,633	5,729	73,566	1.58	12.80		108,475	238,763		2.22
1950-----	4,361	6,592	88,295	1.51	13.40		121,710	238,253		1.97
1951-----	4,660	6,455	129,360	1.39	20.00		122,590	183,784		1.51
1952-----	4,925	4,358	109,676	0.88	25.20		125,030	214,292		1.72
1953-----	5,266	6,191	100,831	1.18	16.30		130,930	254,846		1.96
1954 (prel.)--	5,831	6,431	119,678	1.10	18.60		141,475	236,228		1.67

<sup>1</sup> Value based on season average or Dec. 1 prices. See notes on "Price" column. <sup>18</sup> Average for 1929 and 1930.

<sup>26</sup> Received by farmers. Prices as of Dec. 1 except as noted.

<sup>27</sup> Tame hay only, prior to 1909.

<sup>28</sup> Prices are season average prices beginning 1909; Dec. 1 prices theretofore. Beginning 1939, prices are for hay sold baled; prior years, for hay sold loose. Price for hay sold loose in 1948 was \$18.90 per ton.

<sup>29</sup> Prices are season average prices beginning 1919; Dec. 1 prices theretofore.

<sup>30</sup> Prior to 1942, data are for 7 States. Production figures comprise fruit consumed on farms, sold locally, and used for manufacturing, as well as that shipped; they exclude fruit which ripened on trees but was destroyed prior to picking. Figures relate to crop produced from bloom of year shown. In California, picking season usually extends from about Oct. 1 to Dec. 31 of following year. In other States, season begins about Oct. 1 and ends in early summer.

<sup>31</sup> Prior to 1942, price of sweet sorghums for forage and hay. Dec. 1 price.

<sup>32</sup> Net content of boxes varies. In California and Arizona, approximate average is 77 lbs.; in other States, 90 lbs. Production includes following quantities donated to charity, unharvested, and/or eliminated on account of economic conditions (1,000 boxes): 1933, 977; 1934, 1,395; 1935, 614; 1936, 1,023; 1937, 1,204; 1938, 2,949; 1939, 1,236; 1940, 1,322; 1941, 762; 1942, 654; 1943, 830; 1944, 1,771; 1945, 731; 1946, 2,639; 1947, 1,563; 1948, 881; 1949, 894; 1950, 799; 1951, 1,063; 1952, 443; 1953, 1,000. Price and value are computed on remaining crop.

<sup>33</sup> Season average returns to growers. Price and value apply to entire crop exclusive of that portion donated to charity, unharvested, and/or eliminated on account of market conditions. (See footnote 32.) Prices are equivalent packing-house-door returns for all methods of sale and are weighted by production to obtain U. S. averages.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*, and annual summaries of crop statistics.



## No. 814.—WHEAT FLOUR PRODUCTION, BY STATES: 1945 TO 1953

[In 1,000 sacks of 100 lbs. Figures represent total wheat flour production of all commercial mills (excluding custom)]

STATE	1945	1946	1947	1948	1949	1950	1951 <sup>1</sup>	1952 <sup>1</sup>	1953 <sup>1</sup>
<b>United States</b> .....	<b>2 274, 400</b>	<b>2 278, 900</b>	<b>305, 499</b>	<b>279, 133</b>	<b>234, 351</b>	<b>224, 899</b>	<b>229, 292</b>	<b>228, 148</b>	<b>222, 177</b>
California.....	4, 945	4, 403	4, 860	4, 000	4, 358	4, 607	4, 896	5, 257	5, 824
Colorado.....	4, 266	4, 583	5, 487	5, 540	4, 368	3, 765	4, 085	4, 197	4, 059
Georgia.....	701	609	753	532	503	395	(3)	(3)	(3)
Idaho.....	1, 867	2, 248	2, 583	2, 259	1, 796	1, 514	(3)	(3)	(3)
Illinois.....	14, 741	12, 649	14, 322	14, 197	12, 082	12, 434	13, 344	13, 685	13, 774
Indiana.....	3, 671	4, 306	4, 453	4, 155	3, 352	3, 096	2, 692	2, 939	2, 970
Iowa.....	4, 407	4, 463	4, 459	3, 720	3, 069	3, 125	3, 070	3, 251	3, 523
Kansas.....	40, 429	43, 883	52, 124	51, 119	36, 685	35, 007	36, 006	35, 045	30, 702
Kentucky.....	3, 545	3, 637	4, 633	3, 933	4, 187	3, 799	(3)	(3)	(3)
Maryland.....	1, 424	1, 431	1, 437	1, 401	1, 049	1, 189	(3)	(3)	(3)
Michigan.....	4, 065	4, 381	4, 452	4, 629	4, 330	4, 276	4, 105	5, 002	5, 562
Minnesota.....	35, 139	33, 910	40, 080	31, 055	28, 113	27, 893	28, 929	29, 067	27, 741
Missouri.....	22, 850	23, 020	27, 377	26, 491	21, 906	20, 320	21, 982	19, 816	17, 909
Montana.....	3, 426	4, 121	4, 267	3, 615	3, 076	3, 129	3, 040	2, 762	3, 024
Nebraska.....	7, 327	7, 379	8, 521	7, 990	5, 777	5, 690	5, 996	5, 529	5, 783
New York.....	32, 028	33, 455	32, 476	30, 183	29, 225	27, 011	26, 320	27, 850	28, 157
North Carolina.....	1, 700	1, 702	2, 442	2, 246	2, 023	1, 869	(3)	(3)	(3)
North Dakota.....	4, 089	4, 198	4, 765	3, 307	2, 784	2, 701	2, 748	2, 530	2, 783
Ohio.....	9, 701	9, 377	9, 142	9, 599	9, 556	9, 629	9, 357	9, 444	10, 038
Oklahoma.....	12, 037	12, 170	14, 300	13, 149	10, 757	10, 483	9, 776	9, 941	9, 376
Oregon.....	7, 617	7, 095	7, 411	5, 893	5, 033	4, 631	5, 707	5, 582	5, 427
Pennsylvania.....	2, 021	2, 338	2, 834	2, 401	2, 006	2, 136	(3)	(3)	(3)
South Carolina.....	310	335	264	319	279	158	(3)	(3)	(3)
Tennessee.....	4, 250	4, 166	4, 780	3, 784	3, 343	3, 154	(3)	(3)	(3)
Texas.....	18, 888	19, 087	21, 609	19, 608	14, 657	13, 446	12, 417	12, 262	12, 033
Utah.....	3, 344	3, 292	3, 693	3, 704	3, 649	3, 811	4, 087	4, 292	4, 841
Virginia.....	3, 319	3, 338	3, 913	3, 462	2, 065	1, 527	(3)	(3)	(3)
Washington.....	13, 216	12, 854	12, 639	11, 791	9, 531	9, 118	9, 645	9, 562	8, 756
West Virginia.....	282	326	(3)	(3)	(3)	156	(3)	(3)	(3)
Wisconsin.....	2, 022	2, 101	2, 481	2, 519	2, 299	(3)	(3)	(3)	(3)
Other States.....	2, 177	2, 340	2, 942	2, 532	2, 493	4, 830	21, 090	20, 135	19, 895

<sup>1</sup> Estimates based on monthly reports of mills with daily capacity over 400 sacks.<sup>2</sup> Includes 4,596,000 sacks in 1945 and 5,703,000 sacks in 1946 not distributed by State.<sup>3</sup> Included in "Other States."Source: Department of Commerce, Bureau of the Census. Monthly data are published in *Facts for Industry*, Series M16A.

## No. 815.—WHEAT—SUPPLY AND DISAPPEARANCE: 1936 TO 1953

[In thousands of bushels. Pounds per bushel, 60. For years beginning July 1. For continental United States only. See also *Historical Statistics*, series E 190-195]

ITEM	1936- 1940, average	1941- 1945, average	1946- 1950, average	1949	1950	1951	1952	1953 (prel.)
Supply, total.....	985, 123	1, 467, 748	1, 410, 306	1, 407, 937	1, 456, 022	1, 408, 653	1, 576, 229	1, 737, 507
Stocks, July 1, total.....	181, 289	446, 028	222, 373	307, 285	424, 714	396, 234	255, 670	562, 486
On farms.....	58, 311	126, 059	61, 787	66, 505	65, 861	72, 638	63, 079	73, 105
Interior mills, elevators, and warehouses.....	27, 340	78, 484	51, 016	76, 424	129, 522	89, 159	57, 955	183, 279
Commercial <sup>1</sup> .....	40, 941	135, 872	73, 753	128, 158	168, 497	157, 848	93, 924	239, 390
Merchant mills <sup>1, 2</sup> .....	54, 697	81, 717	32, 001	32, 401	55, 934	73, 587	39, 568	58, 408
C. C. C. wheat in transit and in steel and wood bins.....		23, 896	3, 816	3, 797	4, 900	3, 002	1, 144	8, 364
New crop.....	795, 913	984, 580	1, 184, 749	1, 098, 415	1, 019, 389	980, 810	1, 298, 957	1, 169, 484
Imports <sup>3</sup> .....	7, 921	37, 140	3, 184	2, 237	11, 919	31, 609	21, 602	5, 537
Disappearance, total.....	751, 039	1, 078, 650	1, 128, 703	983, 223	1, 059, 788	1, 152, 983	1, 013, 743	835, 602
Food.....	491, 427	478, 315	481, 758	484, 265	489, 827	481, 545	474, 187	473, 766
Feed.....	113, 919	305, 580	135, 058	111, 211	102, 690	92, 203	118, 006	60, 277
Military procurement.....		69, 034	117, 477	123, 526	41, 267	16, 714	13, 620	12, 034
Exports and shipments.....	63, 513	98, 427	305, 910	183, 214	338, 385	474, 339	319, 497	219, 152
Other.....	82, 180	127, 294	88, 500	81, 007	87, 619	88, 182	88, 433	70, 373
Stocks, June 30 <sup>4</sup> .....	234, 084	389, 099	281, 603	424, 714	396, 234	255, 670	562, 486	901, 905

<sup>1</sup> Prior to 1937 some new wheat included, thereafter only old-crop wheat.<sup>2</sup> Estimated total based on Bureau of Census item, "In mills and mill elevators attached to mills," 1931-44.<sup>3</sup> Imports comprise full duty wheat, wheat imported for feed and dutiable flour and other wheat products in terms of wheat. <sup>4</sup> For individual items see "Supply," above.Source: Department of Agriculture, Agricultural Marketing Service, except for imports which are from Bureau of the Census; annual report, *Agricultural Statistics*, and *The Wheat Situation*.

## No. 816.—WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1943 TO 1954

[Pounds per bushel, 60. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 186-188, for U. S. totals for acreage harvested, production, and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1—		FARM VALUE	
	1943- 1952, avg.	1953	1954 <sup>2</sup>	1943- 1952, avg.	1953	1954 <sup>2</sup>	1943- 1952, avg.	1953	1954 <sup>2</sup>	1953	1954 <sup>2</sup>	1953	1954 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cts. per bu.	Cts. per bu.	\$1,000	\$1,000
U. S.-----	66,025	67,661	53,712	17.0	17.3	18.1	1,121,506	1,169,484	969,781	204	213	2,385,167	2,063,379
<b>M. A.:</b>													
N. Y.-----	362	471	330	25.6	29.5	30.5	9,401	13,894	10,065	205	210	28,483	21,136
N. J.-----	71	81	54	23.2	25.0	28.0	1,660	2,025	1,512	203	215	4,111	3,251
Pa.-----	886	862	707	21.5	24.0	28.0	19,120	20,688	19,796	183	195	37,859	38,602
<b>E. N. C.:</b>													
Ohio-----	2,056	2,384	1,764	22.9	29.0	27.5	47,618	69,136	48,510	198	205	136,889	99,446
Ind.-----	1,471	1,648	1,302	20.8	28.0	30.5	31,005	46,144	39,711	188	200	86,751	79,422
Ill.-----	1,481	2,122	1,549	19.8	27.0	29.0	29,974	57,294	44,921	191	205	109,432	92,088
Mich.-----	1,115	1,515	1,000	25.0	29.5	30.0	28,189	44,692	30,000	197	205	88,043	61,500
Wis.-----	88	70	59	23.4	23.1	24.3	2,073	1,620	1,433	190	195	3,080	2,794
<b>W. N. C.:</b>													
Minn.-----	1,147	997	708	17.2	16.2	13.9	19,721	16,171	9,828	214	230	34,584	22,647
Iowa.-----	203	137	114	19.1	20.4	18.0	3,989	2,791	2,052	217	216	6,060	4,428
Mo.-----	1,318	1,578	1,294	17.2	26.0	31.0	22,932	41,028	40,114	192	205	78,774	82,234
N. Dak.-----	9,810	9,843	7,736	14.1	9.9	9.0	137,115	97,304	69,896	219	227	213,411	158,747
S. Dak.-----	3,544	3,503	2,674	12.2	9.2	10.1	42,971	32,224	27,008	208	225	67,046	60,855
Nebr.-----	3,849	3,856	3,107	19.3	22.3	19.8	75,104	85,980	61,623	208	215	178,848	132,468
Kans.-----	12,708	11,573	10,069	15.9	12.5	17.5	203,980	144,662	176,208	211	220	305,237	387,658
<b>S. A.:</b>													
Del.-----	62	51	35	18.7	19.5	23.5	1,154	994	822	194	210	1,928	1,726
Md.-----	316	257	195	19.4	20.5	25.5	6,154	5,268	4,972	196	210	10,325	10,441
Va.-----	426	358	272	18.1	21.0	25.5	7,667	7,518	6,936	202	215	15,186	14,912
W. Va.-----	74	59	48	18.4	21.5	24.0	1,366	1,268	1,152	185	195	2,346	2,246
N. C.-----	416	412	338	16.7	20.5	22.0	6,915	8,446	7,436	193	205	16,301	15,244
S. C.-----	193	202	158	15.4	18.0	19.5	2,958	3,636	3,081	192	205	6,981	6,316
Ga.-----	152	160	112	14.2	18.5	18.5	2,122	2,960	2,072	203	215	6,009	4,455
<b>E. S. C.:</b>													
Ky.-----	301	308	216	15.9	22.0	25.5	4,768	6,776	5,508	190	205	12,874	11,291
Tenn.-----	288	305	214	14.4	19.0	18.5	4,098	5,795	3,959	195	205	11,300	8,116
Ala.-----	13	21	24	16.1	22.0	22.0	211	462	528	199	205	919	1,082
Miss.-----	11	45	23	21.7	26.5	28.0	233	1,192	784	196	200	2,336	1,568
<b>W. S. C.:</b>													
Ark.-----	27	86	63	14.4	19.0	26.0	396	1,634	1,638	218	220	3,562	3,604
Okla.-----	5,534	5,898	4,718	13.3	12.0	15.0	75,634	70,776	70,770	213	215	150,753	152,156
Tex.-----	4,628	2,710	3,252	11.8	8.5	9.5	57,221	23,035	30,894	212	220	48,834	67,967
<b>Mt.:</b>													
Mont.-----	4,685	5,874	4,498	16.6	19.5	17.0	76,583	114,330	76,557	196	208	224,085	159,557
Idaho-----	1,304	1,695	1,192	27.1	28.6	29.7	35,152	48,417	35,343	196	200	94,978	70,825
Wyo.-----	315	413	255	18.6	16.5	13.0	5,859	6,823	3,315	193	212	13,163	7,028
Colo.-----	2,264	2,813	1,622	18.3	15.6	10.2	41,204	43,875	16,500	204	215	89,371	35,404
N. Mex.-----	328	120	98	9.3	6.2	6.6	3,358	745	643	201	211	1,500	1,358
Ariz.-----	25	23	21	23.3	26.0	28.0	591	598	588	216	220	1,292	1,294
Utah-----	358	441	349	21.9	20.6	18.8	7,736	9,081	6,555	189	198	17,189	12,992
Nev.-----	18	17	12	27.7	27.5	27.0	499	468	324	202	210	945	680
<b>Pac.:</b>													
Wash.-----	2,600	2,939	2,184	26.3	28.6	33.2	68,442	84,150	72,444	210	210	176,715	152,133
Oreg.-----	980	1,220	878	25.7	28.1	28.5	25,142	34,298	25,023	215	215	73,741	53,789
Calif.-----	596	594	463	18.7	19.0	20.0	11,178	11,286	9,260	212	215	23,926	19,909

<sup>1</sup> Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

<sup>2</sup> Preliminary.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.



## No. 817.—CORN.—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1943 TO 1954

[Pounds per bushel, 56. Covers corn for all purposes, including hogged and siloed corn and that cut and fed without removing ears, as well as that husked and snapped for grain. Prices are season average prices received by farmers. See also *Historical Statistics*, E 181-183, for U. S. totals for acreage harvested, production, and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1—		FARM VALUE	
	1943- 1952, avg.	1953	1954 <sup>1</sup>	1943- 1952, avg.	1953	1954 <sup>2</sup>	1943- 1952, avg.	1953	1954 <sup>2</sup>	1953	1954 <sup>2</sup>	1953	1954 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	Bu. Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cts. per bu.	Cts. per bu.	\$1,000	\$1,000
<b>U. S.</b>	85,820	80,608	79,875	35.7	39.6	37.1	3,057,464	3,192,491	2,964,639	148	151	4,717,593	4,488,601
<b>N. E.:</b>													
Maine	13	14	13	36.9	39.0	24.0	470	546	312	190	195	1,037	608
N. H.	13	15	15	43.1	43.0	43.0	557	645	645	185	190	1,193	1,226
Vt.	61	67	68	42.2	42.0	42.0	2,573	2,814	2,856	185	190	5,206	5,426
Mass.	33	35	36	44.0	46.0	46.0	1,672	1,610	1,656	185	190	2,978	3,146
R. I.	8	7	7	40.8	45.0	33.0	309	315	231	185	190	583	439
Conn.	44	36	40	43.6	45.0	47.0	1,901	1,620	1,880	185	190	2,997	3,572
<b>M. A.:</b>													
N. Y.	648	664	704	39.6	44.0	42.0	25,627	29,216	29,568	164	165	47,914	48,787
N. J.	187	190	200	45.2	54.5	48.0	8,442	10,355	9,600	163	170	16,879	16,320
Pa.	1,340	1,347	1,374	43.8	42.0	46.0	58,603	56,574	63,204	164	170	92,781	107,447
<b>E. N. C.:</b>													
Ohio	3,536	3,531	3,743	49.7	55.0	62.0	175,990	194,205	232,066	146	150	283,539	348,099
Ind.	4,510	4,693	4,787	49.5	51.5	53.5	223,198	241,690	256,104	144	150	348,034	384,156
Ill.	8,763	9,358	9,077	51.6	54.0	49.5	453,683	505,332	449,312	148	150	747,891	673,968
Mich.	1,669	1,764	1,887	37.5	45.5	44.0	62,532	80,262	83,028	146	150	117,183	124,542
Wis.	2,562	2,558	2,686	45.6	58.5	57.5	116,546	149,643	154,445	146	150	218,479	231,668
<b>W. N. C.:</b>													
Minn.	5,464	5,598	5,486	42.2	48.0	50.5	230,537	268,704	277,043	140	140	376,186	387,860
Iowa	10,746	11,180	10,286	50.2	53.0	52.5	540,655	592,540	540,015	148	150	876,959	810,022
Mo.	4,202	4,072	4,194	35.6	33.5	16.5	149,627	136,412	69,201	151	160	205,982	110,722
N. Dak.	1,191	1,133	1,224	21.4	22.0	21.0	25,407	24,926	25,704	131	135	32,653	34,700
S. Dak.	3,859	3,919	3,997	26.6	34.5	29.0	102,287	135,206	115,913	133	140	186,584	162,278
Nebr.	7,647	7,292	7,000	30.2	28.0	28.0	229,904	204,176	196,000	146	150	298,097	294,000
Kans.	2,790	2,366	2,032	25.2	21.5	19.0	69,868	50,869	39,558	148	155	75,286	61,345
<b>S. A.:</b>													
Del.	141	172	170	34.3	39.0	31.0	4,656	6,708	5,270	153	160	10,263	8,432
Md.	460	453	458	40.5	45.0	41.0	18,631	20,385	18,778	156	165	31,801	30,984
Va.	1,085	920	911	36.2	27.0	33.0	38,619	24,840	30,063	170	175	42,228	52,610
W. Va.	279	195	201	38.1	37.0	45.0	10,507	7,215	9,045	161	160	11,616	14,472
N. C.	2,220	2,159	2,116	27.9	27.0	24.0	61,914	58,293	50,784	161	175	93,852	88,872
S. C.	1,422	1,187	1,116	18.5	19.5	10.5	26,280	23,146	11,718	160	180	37,034	21,092
Ga.	3,222	2,910	2,823	14.0	20.0	10.5	44,973	58,200	29,642	148	170	86,136	50,391
Fla.	640	599	575	12.3	16.5	16.0	7,830	9,884	9,200	149	155	14,727	14,260
<b>E. S. C.:</b>													
Ky.	2,279	2,003	2,143	33.4	35.5	31.0	75,854	71,106	66,433	150	150	106,659	99,650
Tenn.	2,204	1,793	1,883	27.6	29.5	21.5	60,606	52,894	40,484	152	160	80,399	64,774
Ala.	2,671	2,173	2,216	16.8	22.0	13.0	44,784	47,806	28,808	155	165	74,099	47,533
Miss.	2,209	1,497	1,602	18.7	22.0	17.0	40,967	32,934	27,234	156	160	51,377	43,574
<b>W. S. C.:</b>													
Ark.	1,324	697	697	19.5	17.0	12.0	25,414	11,849	8,364	148	160	17,537	13,382
La.	934	546	617	17.8	20.0	21.0	16,170	10,920	12,957	156	155	17,035	20,083
Okla.	1,214	458	321	18.2	14.0	12.5	21,783	6,412	4,012	145	155	9,297	6,219
Tex.	3,026	2,053	2,074	17.2	16.5	16.0	51,266	33,874	33,184	144	145	48,779	48,117
<b>Mt.:</b>													
Mont.	178	167	194	15.2	19.0	14.5	2,723	3,173	2,813	149	160	4,728	4,501
Idaho	31	48	53	49.0	55.0	61.0	1,558	2,640	3,233	158	175	4,171	5,658
Wyo.	63	55	50	16.9	20.0	17.5	1,031	1,100	875	156	170	1,716	1,488
Colo.	631	401	373	22.9	32.0	25.0	14,030	12,832	9,325	156	170	20,018	15,852
N. Mex.	117	85	85	14.6	15.0	15.5	1,678	1,275	1,318	177	170	2,257	2,241
Ariz.	31	34	36	12.4	15.0	16.0	389	510	576	197	195	1,005	1,123
Utah	28	39	37	33.0	41.0	39.0	929	1,599	1,443	190	195	3,038	2,814
Nev.	2	4	3	33.5	40.0	40.0	78	160	120	192	200	307	240
<b>Pac.:</b>													
Wash.	20	21	27	52.1	60.0	57.0	1,028	1,260	1,539	162	170	2,041	2,616
Oreg.	30	24	23	39.3	45.0	50.0	1,171	1,080	1,480	185	195	1,998	2,730
Calif.	70	76	160	33.1	36.0	48.0	2,308	2,736	7,680	184	190	5,034	14,592

<sup>1</sup> Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

<sup>2</sup> Preliminary.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.

## No. 818.—OATS—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1943 TO 1954

[Pounds per bushel. 32. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 196-198, for U. S. totals for acreage harvested, production, and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1—		FARM VALUE	
	1943- 1952, avg.	1953	1954 <sup>2</sup>	1943- 1952, avg.	1953	1954 <sup>2</sup>	1943- 1952, avg.	1953	1954 <sup>2</sup>	1953	1954 <sup>2</sup>	1953	1954 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cts. per bu.	Cts. per bu.	\$1,000	\$1,000
<b>U. S.</b>	39,526	39,217	42,151	33.3	30.8	35.6	1,316,359	1,209,458	1,499,579	74.3	72.2	899,063	1,083,206
<b>N. E.:</b>													
Maine	82	93	91	39.1	45.0	33.0	3,233	4,185	3,003	87	85	3,641	2,553
N. H.	6	4	4	35.8	37.0	30.0	216	148	120	93	105	138	126
Vt.	38	29	28	33.0	32.0	30.0	1,250	928	840	93	105	863	882
Mass.	6	3	3	31.7	39.0	33.0	176	117	99	93	105	109	104
R. I.	1	1	—	31.0	33.0	—	31	33	—	93	—	31	—
Conn.	5	4	4	31.7	31.0	36.0	149	124	144	93	105	115	151
<b>M. A.:</b>													
N. Y.	685	670	717	34.2	39.0	37.5	23,990	26,130	26,888	81	84	21,165	22,586
N. J.	42	40	45	31.9	37.0	39.5	1,335	1,480	1,778	83	85	1,228	1,511
Pa.	763	740	777	32.1	37.0	43.0	24,481	27,380	33,411	82	82	22,452	27,397
<b>E. N. C.:</b>													
Ohio	1,144	1,129	1,219	36.5	42.0	46.5	42,426	47,418	56,684	73	75	34,615	42,513
Ind.	1,331	1,252	1,340	34.6	36.5	44.0	46,155	45,698	58,960	71	72	32,446	42,451
Ill.	3,523	3,110	3,328	39.0	37.0	42.0	138,234	115,070	139,776	71	70	81,700	97,843
Mich.	1,383	1,395	1,423	35.9	35.0	39.0	50,243	48,825	55,497	74	76	36,130	42,178
Wis.	2,857	2,953	2,894	44.7	41.5	44.0	127,907	122,550	127,336	75	75	91,912	95,502
<b>W. N. C.:</b>													
Minn.	4,915	5,140	5,191	38.0	31.5	35.0	187,584	161,910	181,685	69	67	111,718	121,729
Iowa	5,645	5,766	5,997	36.6	25.5	38.5	208,234	147,033	230,884	75	70	110,275	161,619
Mo.	1,575	1,254	1,442	23.8	25.5	41.5	37,766	31,977	59,843	77	73	24,622	43,685
N. Dak.	2,179	1,840	2,061	28.2	30.5	24.0	62,424	56,120	49,464	63	58	35,356	28,689
S. Dak.	3,138	3,696	3,992	30.5	25.5	28.5	96,048	94,248	113,772	69	64	65,031	72,814
Nebr.	2,371	2,331	2,354	25.6	18.5	29.0	60,837	43,124	68,266	71	71	30,618	48,469
Kans.	1,199	1,062	1,115	21.6	21.5	32.5	26,557	22,833	36,238	78	75	17,810	27,178
<b>S. A.:</b>													
Del.	6	8	9	30.3	34.0	36.0	184	272	324	82	73	223	237
Md.	43	55	69	32.2	34.0	39.0	1,384	1,870	2,691	81	80	1,515	2,153
Va.	138	156	179	29.1	32.5	39.5	4,014	5,070	7,070	82	82	4,157	5,797
W. Va.	62	48	55	28.1	28.5	34.5	1,720	1,368	1,898	91	86	1,245	1,632
N. C.	363	429	523	29.4	38.5	39.0	10,749	16,516	20,397	83	79	13,708	16,114
S. C.	635	658	757	26.1	32.5	31.5	16,580	21,385	23,846	88	83	18,819	19,792
Ga.	529	659	685	25.7	33.0	31.0	13,523	21,747	21,235	89	86	19,355	18,262
Fla.	28	40	36	19.9	30.0	30.0	575	1,200	1,080	101	94	1,212	1,015
<b>E. S. C.:</b>													
Ky.	94	127	175	23.4	30.5	32.5	2,188	3,874	5,688	83	84	3,215	4,778
Tenn.	221	268	292	26.0	32.0	30.5	5,726	8,576	8,906	82	86	7,032	7,659
Ala.	168	195	240	25.0	32.0	29.0	4,140	6,240	6,960	98	94	6,115	6,542
Miss.	280	267	427	29.5	40.0	40.0	8,300	10,680	17,080	93	79	9,932	13,493
<b>W. S. C.:</b>													
Ark.	232	209	351	28.0	35.0	40.0	6,486	7,315	14,040	87	77	6,364	10,811
La.	90	75	104	27.2	32.0	36.0	2,464	2,400	3,744	88	83	2,112	3,108
Okla.	871	539	782	18.9	21.5	25.0	16,980	11,588	19,550	81	75	9,386	14,662
Tex.	1,229	1,450	1,798	20.9	27.0	23.0	26,309	39,150	41,354	77	75	30,146	31,016
<b>Mt.:</b>													
Mont.	353	334	354	33.3	34.0	31.5	11,871	11,356	11,151	67	65	7,609	7,248
Idaho	183	200	220	42.5	42.0	48.0	7,790	8,400	10,560	75	77	6,300	8,131
Wyo.	147	152	132	30.8	28.5	27.0	4,536	4,332	3,564	81	84	3,509	2,994
Colo.	201	185	139	30.2	29.5	26.0	6,088	5,458	3,614	82	88	4,476	3,180
N. Mex.	37	20	22	21.4	21.0	27.0	800	420	594	85	88	357	523
Ariz.	11	11	11	39.6	53.0	45.0	430	583	495	105	97	612	480
Utah	48	42	45	44.5	47.0	44.0	2,123	1,974	1,980	89	89	1,757	1,762
Nev.	8	8	7	40.8	43.0	44.0	343	344	308	93	93	320	286
<b>Pac.:</b>													
Wash.	152	131	153	46.5	50.0	47.0	7,033	6,550	7,191	81	80	5,306	5,753
Oreg.	334	264	365	28.7	30.4	34.3	9,582	8,034	12,515	87	80	6,990	10,012
Calif.	174	175	196	29.6	31.0	36.0	5,163	5,425	7,056	98	82	5,316	5,786

<sup>1</sup> Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.  
<sup>2</sup> Preliminary.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.



# No. 819.—BARLEY AND RICE—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1943 TO 1954

[Pounds per bushel of barley, 48; rice, 100-lb. bags. Prices are season average prices received by farmers. Averages for U. S. totals include data for States reporting no current production. See also *Historical Statistics*, series E 200-202, for U. S. barley totals for acreage harvested, production, and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1—		FARM VALUE	
	1943- 1952, avg.	1953	1954 <sup>2</sup>	1943- 1952, avg.	1953	1954 <sup>2</sup>	1943- 1952, avg.	1953	1954 <sup>2</sup>	1953	1954 <sup>2</sup>	1953	1954 <sup>2</sup>
BARLEY	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cents per bu.	Cents per bu.	\$1,000	\$1,000
U. S.-----	10,960	8,586	12,994	25.3	28.2	28.5	274,955	242,544	370,126	115	105	278,483	389,047
N. E.:													
Maine-----	4	3	4	30.3	33.0	25.0	134	99	100	120	125	119	125
N. Y.-----	92	64	80	27.9	30.0	32.0	2,524	1,920	2,560	113	108	2,170	2,765
N. J.-----	14	19	21	33.1	35.0	40.0	464	665	840	112	107	745	899
Pa.-----	135	155	200	33.9	39.0	44.0	4,606	6,045	8,800	107	102	6,468	8,976
E. N. C.:													
Ohio-----	22	20	54	27.6	33.0	37.0	578	660	1,998	111	100	733	1,998
Ind.-----	30	27	55	24.8	27.5	35.0	738	742	1,925	107	91	794	1,752
Ill.-----	37	26	65	27.5	32.5	33.0	997	845	2,145	119	114	1,006	2,445
Mich.-----	125	68	107	29.6	31.5	35.0	3,648	2,142	3,745	105	101	2,249	3,782
Wis.-----	182	80	79	34.7	35.0	36.0	6,119	2,800	2,844	126	115	3,528	3,271
W. N. C.:													
Minn.-----	1,019	1,000	1,100	25.5	25.5	25.5	25,838	25,500	28,050	110	108	28,050	30,294
Iowa-----	26	7	18	26.0	23.0	29.0	679	161	522	112	104	180	543
Mo.-----	75	103	250	21.5	29.5	28.0	1,594	3,038	7,000	109	103	3,311	7,210
N. Dak.-----	2,286	2,057	3,003	21.0	23.5	22.5	48,529	48,340	67,568	108	100	52,207	67,568
S. Dak.-----	1,323	471	466	19.1	17.0	20.0	25,172	8,007	9,320	109	99	8,728	9,227
Nebr.-----	543	191	250	19.0	19.0	18.0	9,989	3,629	4,500	107	106	3,883	4,770
Kans.-----	383	112	459	16.9	14.0	21.5	6,419	1,568	9,868	115	104	1,803	10,263
S. A.:													
Del.-----	11	10	11	28.6	31.5	31.0	312	315	341	102	93	321	317
Md.-----	72	73	85	31.3	34.0	40.0	2,245	2,482	3,400	104	98	2,581	3,332
Va.-----	80	87	102	30.1	33.0	39.0	2,406	2,871	3,978	109	107	3,129	4,256
W. Va.-----	10	13	15	28.8	33.5	39.0	302	436	585	118	105	514	614
N. C.-----	38	44	57	27.2	37.5	34.0	1,035	1,650	1,938	124	114	2,046	2,209
S. C.-----	20	17	18	23.3	27.5	29.0	476	468	522	135	135	632	705
Ga.-----	7	9	9	21.7	25.0	24.0	140	225	216	140	137	315	296
E. S. C.:													
Ky.-----	66	85	102	23.9	27.0	31.0	1,558	2,295	3,162	107	98	2,456	3,099
Tenn.-----	78	75	77	19.0	20.0	20.5	1,477	1,500	1,578	112	103	1,680	1,625
Ark.-----	6	7	14	19.8	24.0	26.0	125	168	364	113	102	190	371
Okla.-----	130	39	230	15.3	19.0	19.0	1,930	741	4,370	115	95	852	4,152
Tex.-----	160	90	190	15.6	19.5	16.5	2,628	1,755	3,135	111	103	1,948	3,229
Mt.:													
Mont.-----	665	550	1,282	25.8	27.0	26.0	17,161	14,850	33,332	102	87	15,147	28,999
Idaho-----	335	336	554	35.0	32.0	32.5	11,739	10,752	18,005	106	98	11,397	17,645
Wyo.-----	140	119	152	30.3	28.0	24.0	4,230	3,332	3,648	110	113	3,665	4,122
Colo.-----	602	344	351	24.8	27.0	20.0	15,048	9,288	7,020	112	122	10,403	8,564
N. Mex.-----	28	19	25	20.0	20.5	21.0	555	390	525	118	117	460	614
Ariz.-----	102	141	268	45.0	55.0	52.0	4,764	7,755	13,936	125	110	9,694	15,330
Utah-----	134	145	181	44.8	44.0	40.0	5,973	6,380	7,240	117	113	7,465	8,181
Nev.-----	21	19	24	34.9	39.0	33.0	739	741	792	130	120	963	950
Wash.-----	146	103	570	35.0	38.0	36.0	5,175	3,914	20,520	117	106	4,579	21,751
Oreg.-----	294	301	551	33.6	37.0	36.0	9,843	11,137	19,836	119	113	13,253	22,415
Calif.-----	1,513	1,557	1,915	30.9	34.0	36.5	46,926	52,938	69,898	130	115	68,819	80,383
RICE (ROUGH)	1,000 acres	1,000 acres	1,000 acres	Lb.	Lb.	Lb.	1,000 bags	1,000 bags	1,000 bags	Dol- lars per bag	Dol- lars per bag	\$1,000	\$1,000
U. S.-----	1,695	2,129	2,405	2,172	2,471	2,447	37,022	52,607	58,853	5.19	4.35	272,926	256,060
Miss.-----	53	82	2,450	2,700				1,298	2,214	4.90	4.15	6,360	9,188
Ark.-----	355	486	598	2,157	2,325	2,450	7,651	11,300	14,651	4.93	3.90	55,709	57,139
La.-----	592	604	652	1,806	2,100	2,300	10,677	12,684	14,996	5.01	4.30	63,547	64,483
Tex.-----	474	574	620	2,126	2,625	2,600	10,162	15,068	16,120	5.40	4.60	81,367	74,152
Calif.-----	266	412	453	3,102	2,975	2,400	8,322	12,257	10,872	5.38	4.70	65,943	51,098

<sup>1</sup> Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

<sup>2</sup> Preliminary.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.

No. 820.—RYE AND SORGHUMS FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE,  
BY STATES: 1943 TO 1954

[Pounds per bushel, 56. Prices are season average prices received by farmers]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1—		FARM VALUE	
	1943- 1952, avg.	1953	1954 <sup>2</sup>	1943- 1952, avg.	1953	1954 <sup>2</sup>	1943- 1952, avg.	1953	1954 <sup>2</sup>	1953	1954 <sup>2</sup>	1953	1954 <sup>2</sup>
<b>RYE</b>													
U. S. ....	1,867	1,384	1,718	11.9	13.1	13.8	22,149	18,163	23,688	130	113	23,542	26,728
New York .....	13	11	15	18.0	19.5	20.0	233	214	300	140	120	300	360
New Jersey .....	13	10	12	17.5	19.0	20.5	222	190	246	155	135	294	332
Pennsylvania .....	24	12	15	15.3	18.0	21.0	353	216	315	142	140	307	441
Ohio .....	29	20	48	16.6	19.0	19.5	462	380	936	131	110	498	1,030
Indiana .....	63	60	110	13.2	15.5	17.0	826	930	1,870	124	105	1,153	1,964
Illinois .....	49	43	114	13.0	14.0	18.0	636	602	2,052	128	100	771	2,052
Michigan .....	60	46	57	13.8	14.5	15.5	827	667	884	106	100	707	884
Wisconsin .....	90	46	42	11.3	11.5	12.0	1,009	529	504	110	110	582	554
Minnesota .....	151	125	92	13.7	15.0	14.5	2,108	1,875	1,334	116	110	2,175	1,467
Iowa .....	12	5	5	14.6	14.5	16.0	178	72	80	123	105	89	84
Missouri .....	37	36	60	11.4	14.0	17.0	422	504	1,020	151	115	761	1,173
North Dakota .....	223	200	308	11.9	17.5	14.5	2,674	3,500	4,466	127	105	4,445	4,689
South Dakota .....	367	238	164	12.0	12.5	15.0	4,400	2,975	2,460	121	105	3,600	2,583
Nebraska .....	280	136	155	10.0	9.0	10.0	2,854	1,224	1,550	108	105	1,322	1,628
Kansas .....	60	38	82	10.5	9.5	11.0	628	361	902	132	110	477	992
Delaware .....	17	13	16	13.7	14.5	16.5	236	188	264	178	150	335	396
Maryland .....	16	13	14	14.6	16.0	18.0	234	208	252	163	150	339	378
Virginia .....	26	16	24	13.9	16.0	17.0	362	256	408	181	170	463	694
West Virginia .....	3	2	2	13.0	14.0	16.0	38	28	32	164	170	46	54
North Carolina .....	24	16	18	12.4	14.5	15.0	284	232	270	231	210	536	567
South Carolina .....	10	13	16	10.2	11.0	11.5	102	143	184	238	215	340	396
Georgia .....	7	10	8	9.4	10.5	10.0	67	105	80	236	225	248	180
Kentucky .....	29	29	33	13.2	14.0	16.5	386	406	544	159	120	646	653
Tennessee .....	26	28	23	10.2	11.5	11.5	267	322	264	170	140	547	370
Oklahoma .....	64	95	115	7.8	7.5	8.0	519	712	920	131	110	933	1,012
Texas .....	24	35	42	8.4	9.0	8.5	206	315	357	123	105	387	375
Montana .....	17	8	12	11.4	13.0	11.5	203	104	138	83	85	86	117
Idaho .....	4	3	4	14.3	15.0	13.0	60	45	52	136	130	61	68
Wyoming .....	9	4	6	10.0	12.0	10.0	93	48	60	112	110	54	66
Colorado .....	54	23	46	8.7	8.0	6.0	487	184	276	112	110	206	304
New Mexico .....	6	3	5	8.7	9.0	10.0	52	27	50	124	110	33	55
Utah .....	7	7	6	9.6	9.0	9.0	70	63	54	158	170	100	92
Washington .....	15	11	23	11.4	12.5	11.0	177	138	253	132	130	182	329
Oregon .....	27	21	18	13.3	14.5	11.5	361	304	207	127	130	386	269
California .....	10	8	8	11.4	12.0	13.0	114	96	104	139	115	133	120
<b>SORGHUM GRAIN</b>													
U. S. ....	7,254	6,150	10,764	18.2	17.8	19.0	134,600	109,353	204,087	123	123	139,756	250,731
Indiana .....	2	2	3	29.2	28.0	40.0	44	56	120	129	130	72	156
Missouri .....	36	34	66	19.3	15.0	16.0	707	510	1,056	125	125	638	1,320
South Dakota .....	45	28	52	12.8	20.0	17.5	567	560	910	120	110	672	1,001
Nebraska .....	106	182	516	19.8	16.0	26.0	2,166	2,912	13,416	115	115	3,349	15,428
Kansas .....	1,475	1,915	3,217	18.2	16.0	14.0	28,546	30,640	45,038	121	125	37,074	56,298
North Carolina .....	<sup>3</sup> 18	59	89	<sup>3</sup> 26.5	24.0	25.0	<sup>3</sup> 486	1,416	2,225	140	140	1,982	3,115
South Carolina .....	<sup>3</sup> 4	6	5	<sup>3</sup> 17.4	16.5	12.5	<sup>3</sup> 79	99	62	138	150	137	93
Alabama .....	<sup>3</sup> 24	25	16	<sup>3</sup> 16.9	18.0	14.5	<sup>3</sup> 414	450	232	139	145	626	336
Arkansas .....	12	22	16	16.2	14.0	14.0	210	308	224	133	130	410	291
Louisiana .....	2	2	2	16.2	16.0	16.0	28	32	32	138	130	44	42
Oklahoma .....	689	613	533	13.2	12.5	9.0	9,546	7,662	4,797	123	125	9,424	5,996
Texas .....	4,249	2,836	5,471	18.5	19.5	21.5	79,379	55,198	117,386	130	120	71,757	140,863
Colorado .....	186	180	221	13.8	10.5	10.0	2,660	1,890	2,210	125	125	2,362	2,762
New Mexico .....	254	106	266	12.5	13.0	10.0	3,707	1,378	2,660	125	115	1,722	3,059
Arizona .....	52	41	135	40.1	46.0	45.0	2,085	1,886	6,075	145	140	2,735	8,505
California .....	104	99	156	39.1	44.0	49.0	4,064	4,356	7,644	155	150	6,752	11,466

<sup>1</sup> Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.<sup>2</sup> Preliminary.<sup>3</sup> Short-time average.Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.



# No. 821.—GRAIN PRICES—AVERAGE MARKET PRICES, BY KIND, BY MARKET: 1909 TO 1953

[Weighted average market price per bushel of reported cash sales]

YEARLY AVERAGE OR CROP YEAR BEGINNING—	Wheat, July-June			Corn, Nov.-Oct.		Oats, Aug.-July		Barley, Aug.-July	Rye, July-June	Flax-seed, Aug.-July	Kafr, Nov.-Oct. <sup>1</sup>
	No. 1, Dark Northern Spring, Minneapolis	No. 2, Hard Winter, Kansas City	No. 2, Red Winter, Chicago	No. 3, Yellow, Chicago	No. 3, Yellow, Kansas City	No. 3, White, Chicago	No. 3, White, Minneapolis	No. 2, Minneapolis <sup>2</sup>	No. 2, Minneapolis	No. 1, Minneapolis	No. 2, White, Kansas City
1909-1913	<sup>3</sup> \$0.99	\$0.95	\$0.99	\$0.61	\$0.60	\$0.40	\$0.38	\$0.64	\$0.70	<sup>4</sup> \$1.91	\$1.34
1914-1920	<sup>3</sup> 1.90	1.70	1.83	1.15	1.12	.60	.58	1.02	1.43	<sup>4</sup> 3.03	2.17
1921-1925	1.44	1.27	1.33	.79	.78	.42	.38	.65	.87	2.47	1.52
1926-1930	1.26	1.16	1.26	.85	.79	.44	.42	.65	.88	2.32	1.31
1931-1935	.93	.78	.78	.57	.57	.31	.32	.66	.57	1.61	1.05
1936-1940	1.08	.92	.93	.69	.68	.35	.33	.72	.64	1.86	1.06
1941-1945	1.45	1.40	1.48	1.19	1.12	.63	.61	1.12	1.08	2.80	1.95
1946-1950	2.48	2.25	2.20	1.68	1.62	.86	.85	1.71	1.96	5.00	2.60
1943	1.55	1.45	1.67	1.14	1.13	.76	.74	1.29	1.08	3.05	2.27
1944	1.59	1.56	1.58	1.15	1.10	.71	.67	1.30	1.22	3.10	2.01
1945	1.71	1.60	1.68	1.92	1.67	.67	.67	1.31	1.72	3.14	2.42
1946	2.34	2.09	2.09	1.84	1.54	.92	.85	1.78	2.55	4.82	2.91
1947	2.88	2.52	2.46	2.14	2.34	1.06	1.14	2.32	2.65	6.38	3.15
1948	2.37	2.19	2.27	1.35	1.31	.72	.71	1.40	1.57	5.98	2.35
1949	2.37	2.16	1.98	1.31	1.27	.73	.73	1.50	1.42	3.92	2.15
1950	2.46	2.28	2.20	1.74	1.63	.88	.83	1.54	1.62	3.88	2.42
1951	2.50	2.43	2.30	1.80	1.79	.86	.86	1.47	1.79	4.10	2.81
1952	2.50	2.32	2.23	1.57	1.57	.82	.82	1.57	1.91	4.08	2.77
1953	2.57	2.27	1.91	1.55	1.56	.76	.75	1.48	1.23	3.86	2.49

<sup>1</sup> Price per 100 pounds.<sup>2</sup> Special No. 2, 1929-33; No. 2 Malting, thereafter.<sup>3</sup> No. 1 Northern Spring.<sup>4</sup> Average closing price through December.Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*, and records.

# No. 822.—WHEAT, CORN, AND OATS—RECEIPTS AT PRIMARY MARKETS, BY CROP YEARS: 1947 TO 1953

[In thousands of bushels. Pounds per bushel: Wheat, 60; corn, 56; oats, 32]

YEAR BEGINNING—	Total 12 markets	Chicago	Milwaukee	Minneapolis	Duluth	St. Louis	Kansas City	Peoria	Omaha	Indianapolis	Sioux City	St. Joseph	Wichita
<b>WHEAT</b>													
July 1:													
1947	609,973	42,659	4,963	141,246	104,068	20,609	179,830	3,215	42,346	9,358	4,643	15,098	41,938
1948	629,365	33,485	5,489	153,740	125,373	28,283	159,090	4,130	51,085	9,997	5,383	18,473	34,837
1949	460,635	29,941	5,121	117,428	100,362	18,464	99,332	2,943	30,866	8,694	3,303	14,524	29,657
1950	518,343	21,533	3,549	155,718	99,708	17,754	127,251	4,771	38,337	5,804	3,175	17,152	23,591
1951	518,628	15,698	726	150,499	109,445	22,383	119,280	4,532	32,447	4,906	4,376	15,514	38,822
1952	512,704	29,544	4,127	126,831	95,174	26,299	120,234	4,237	42,532	6,491	3,209	18,689	35,337
1953	436,404	28,171	3,837	129,614	65,373	27,153	97,941	4,696	27,651	10,149	3,887	15,886	22,046
<b>CORN</b>													
Oct. 1:													
1947	231,657	86,265	5,751	18,268	5,109	14,933	18,677	26,448	20,797	16,968	13,998	4,443	-----
1948	345,286	126,250	7,874	30,461	16,016	26,172	27,870	27,125	28,920	25,108	22,100	7,388	2
1949	355,149	125,411	9,273	32,941	21,593	23,529	32,465	25,952	36,547	24,943	15,713	6,778	4
1950	376,053	121,041	9,470	24,155	9,672	20,550	41,015	29,988	57,071	24,314	26,381	12,396	-----
1951	307,336	119,035	8,701	18,352	2,529	27,164	28,558	24,020	30,841	26,821	14,036	7,224	55
1952	339,650	113,979	7,274	26,175	12,900	32,433	35,879	26,657	34,240	23,981	19,218	6,914	-----
1953	339,214	97,188	7,480	36,047	21,890	28,658	29,185	26,623	34,185	20,503	28,522	8,933	-----
<b>OATS</b>													
July 1:													
1947	154,329	30,391	5,458	61,730	12,809	5,147	4,543	3,983	8,077	3,456	13,879	4,855	1
1948	142,217	35,479	1,608	41,687	13,185	6,589	7,148	3,613	8,192	5,140	14,115	5,449	12
1949	129,436	36,538	2,343	31,150	15,205	7,872	5,525	2,894	7,215	5,582	9,457	5,643	12
1950	103,914	31,091	2,347	27,748	4,672	5,710	4,988	2,402	5,228	3,725	10,716	5,283	4
1951	121,000	35,021	1,780	33,028	2,747	8,181	4,988	2,234	9,793	2,576	15,302	5,350	-----
1952	114,302	25,804	3,460	35,425	1,495	8,094	5,725	1,863	10,726	2,258	13,145	6,305	2
1953	102,549	19,142	2,159	38,162	5,504	6,600	2,909	2,165	7,089	2,040	10,866	5,913	-----

Source: Department of Agriculture, Agricultural Marketing Service; compiled from *Chicago Wall Street Journal* known as *Chicago Journal of Commerce* prior to 1951.

## No. 823.—TOBACCO—ACREAGE, PRODUCTION, AND PRICE, BY STATES: 1943 TO 1954

[Prices are season average prices received by farmers]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—	
	1943-52, average	1953	1954 <sup>1</sup>	1943-52 aver- age	1953	1954 <sup>1</sup>	1943-52, average	1953	1954 <sup>1</sup>	1953	1954 <sup>1</sup>
U. S. ....	<i>Acres</i> 1, 716, 810	<i>Acres</i> 1, 631, 400	<i>Acres</i> 1, 645, 400	<i>Lb.</i> 1, 183	<i>Lb.</i> 1, 260	<i>Lb.</i> 1, 337	<i>1,000</i> <i>pounds</i> 2, 033, 432	<i>1,000</i> <i>pounds</i> 2, 055, 370	<i>1,000</i> <i>pounds</i> 2, 200, 134	<i>Cts.</i> <i>per lb.</i> 52.3	<i>Cts.</i> <i>per lb.</i> 51.4
Mass.....	6, 980	6, 500	6, 600	1, 542	1, 790	1, 648	10, 776	11, 638	10, 879	84.2	81.1
Conn.....	18, 140	16, 000	15, 800	1, 376	1, 589	1, 460	24, 909	25, 418	23, 069	104.0	103.0
N. Y.....	550	100	-----	1, 328	1, 250	-----	729	125	-----	23.0	-----
Pa.....	33, 600	24, 300	26, 200	1, 476	1, 432	1, 640	49, 652	34, 794	42, 966	27.4	-----
Ohio.....	20, 190	17, 500	16, 800	1, 235	1, 373	1, 714	24, 873	24, 030	28, 790	44.3	-----
Ind.....	10, 360	9, 300	9, 400	1, 270	1, 400	1, 600	13, 182	13, 020	15, 040	50.3	48.0
Wis.....	20, 990	14, 100	14, 800	1, 470	1, 404	1, 501	30, 874	19, 803	22, 210	29.2	-----
Minn.....	480	200	<sup>2</sup> 160	1, 280	1, 100	1, 300	611	220	208	23.0	-----
Mo.....	5, 630	4, 400	4, 400	1, 064	940	1, 300	5, 975	4, 136	5, 720	44.0	50.0
Kans.....	210	100	100	1, 036	1, 100	1, 150	218	110	115	36.0	48.0
Md.....	46, 240	45, 000	50, 000	765	900	850	35, 952	40, 500	42, 500	54.5	-----
Va.....	129, 840	128, 200	130, 800	1, 197	1, 136	1, 274	155, 417	145, 650	166, 656	42.7	50.0
W. Va.....	3, 100	3, 100	3, 200	1, 202	1, 465	1, 550	3, 728	4, 542	4, 960	55.9	51.0
N. C.....	700, 470	685, 400	697, 900	1, 176	1, 244	1, 341	825, 243	852, 825	935, 620	53.7	54.0
S. C.....	121, 000	122, 000	126, 000	1, 204	1, 415	1, 145	146, 259	172, 630	144, 270	56.4	48.5
Ga.....	97, 740	104, 100	106, 000	1, 096	1, 267	1, 172	107, 716	131, 860	124, 220	52.6	47.1
Fla.....	22, 830	24, 500	25, 300	1, 026	1, 067	1, 302	23, 626	26, 132	32, 941	70.4	76.7
Ky.....	365, 610	322, 300	309, 500	1, 184	1, 297	1, 491	432, 733	417, 865	461, 388	50.7	-----
Tenn.....	112, 070	103, 400	101, 400	1, 250	1, 250	1, 358	140, 382	129, 253	137, 730	48.1	-----
Ala.....	410	600	700	902	1, 085	875	374	651	612	49.0	49.0
La.....	365	300	300	573	560	800	203	168	240	68.0	65.0

<sup>1</sup> Preliminary.<sup>2</sup> Rounded to hundreds for inclusion in United States totals.Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.

## No. 824.—TOBACCO—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1916 TO 1954

[In millions of pounds. Farm-sales-weight basis]

YEARLY AVERAGE OR CROP YEAR <sup>1</sup>	Produc- tion	Domestic disappear- ance	Exports	Imports <sup>2</sup>	Ending stocks
1916-1920.....	1, 386	( <sup>3</sup> )	( <sup>3</sup> )	75	1, 650
1921-1925.....	1, 280	( <sup>3</sup> )	( <sup>3</sup> )	68	1, 743
1926-1930.....	1, 411	785	611	78	1, 744
1931-1935.....	1, 268	741	456	61	2, 227
1936-1940.....	1, 492	900	402	74	2, 415
1941-1945.....	1, 604	1, 213	432	75	2, 543
1946-1950.....	2, 080	1, 386	533	88	3, 014
1945.....	1, 991	1, 335	594	76	2, 452
1946.....	2, 315	1, 354	657	93	2, 756
1947.....	2, 107	1, 413	438	75	3, 012
1948.....	1, 979	1, 406	514	89	3, 071
1949.....	1, 969	1, 420	531	87	3, 089
1950.....	2, 029	1, 451	524	94	3, 143
1951.....	2, 331	1, 488	584	105	3, 403
1952.....	2, 254	1, 555	498	106	3, 604
1953.....	2, 055	1, 477	515	105	3, 668
1954 (prel.).....	2, 200	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Flue-cured crop year, July-June; all other types, October-September.<sup>2</sup> Declared weight. Compiled from reports of the Department of Commerce; includes stems, trimmings, and scraps.<sup>3</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service.



# No. 825.—CORN—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1916 TO 1954

[In thousands of bushels. For years beginning October 1]

YEARLY AVERAGE OR YEAR	Production	Domestic disappearance <sup>1</sup>	Exports <sup>2,3</sup>	Imports <sup>2</sup>	Ending stocks
1916-1920.....	2,704,768	(4)	51,670	4,977	134,399
1921-1925.....	2,706,506	(4)	57,844	1,164	145,754
1926-1930.....	2,484,935	2,490,674	18,410	1,853	153,141
1931-1935.....	2,330,431	2,336,754	4,029	11,897	247,074
1936-1940.....	2,347,110	2,228,249	46,765	21,662	468,627
1941-1945.....	2,928,642	3,014,763	14,904	2,264	314,386
1946-1950.....	3,094,663	2,888,438	93,429	690	560,786
1945.....	2,868,795	2,990,894	21,948	595	171,820
1946.....	3,217,076	2,977,552	28,686	560	283,218
1947.....	2,354,739	2,505,664	9,518	698	123,473
1948.....	3,605,078	2,804,023	112,240	724	813,012
1949.....	3,238,618	3,100,403	106,976	729	844,980
1950.....	3,057,803	3,054,550	109,727	741	739,247
1951.....	2,899,169	3,076,464	76,307	881	486,526
1952.....	3,279,403	2,857,679	140,445	926	768,790
1953.....	3,192,491	2,946,569	96,254	1,124	919,672
1954 (prel.).....	2,964,639	(4)	(4)	(4)	(4)

<sup>1</sup> Total disappearance, minus exports of corn and grain equivalent of cornmeal and flour.

<sup>2</sup> Compiled from reports of the Bureau of Foreign and Domestic Commerce and Bureau of the Census. Includes grain equivalent of cornmeal and flour.

<sup>3</sup> Includes exports for military civilian feeding.

<sup>4</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service.

# No. 826.—RICE, ROUGH—PRODUCTION, DOMESTIC DISAPPEARANCE, EXPORTS, IMPORTS, AND STOCKS: 1916 TO 1954

[In thousands of hundredweight. For years beginning August 1]

YEARLY AVERAGE OR YEAR	Production <sup>1</sup>	Domestic disappearance	Exports	Imports	Ending stocks
1916-1920.....	18,793	17,997	4,844	4,253	710
1921-1925.....	16,187	13,554	4,212	1,202	1,132
1926-1930.....	19,334	15,986	5,111	709	1,708
1931-1935.....	18,214	17,238	2,461	723	1,947
1936-1940.....	23,782	20,722	4,101	1,234	3,859
1941-1945.....	28,617	20,154	8,450	93	1,507
1946-1950.....	37,083	22,689	13,823	188	2,367
1945.....	30,668	19,613	11,469	127	1,255
1946.....	32,497	20,163	12,290	9	596
1947.....	35,217	22,037	13,055	27	748
1948.....	38,275	22,092	14,378	53	2,505
1949.....	40,737	23,423	16,224	62	3,469
1950.....	38,689	25,728	13,167	787	4,519
1951.....	45,797	24,078	24,059	510	2,040
1952.....	48,107	25,243	25,154	350	1,515
1953.....	52,607	25,628	22,709	414	7,557
1954 (prel.).....	58,853	(2)	(2)	(2)	(2)

<sup>1</sup> Excludes production for minor rice-producing States.

<sup>2</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service.

# No. 827.—COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1943 TO 1954

[Cotton production excludes linters. Values shown are for marketing season or crop year and should not be confused with calendar year income. Yields and prices for period are simple averages of figures for individual years. See also *Historical Statistics*, series E 217-224, for U. S. totals for acres harvested, production, and price]

YEARLY AVERAGE OR YEAR	COTTON					COTTONSEED			Total farm value
	Acres harvested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound <sup>1</sup>	Quantity	Farm value	Farm price per ton	
<b>United States:</b>	1,000	1,000	\$1,000	Pounds	Cents	1,000 short tons	\$1,000	Dollars	\$1,000
1943-1952.....	21,823	12,448	1,877,882	272	29.9	5,054	325,014	64.96	2,202,896
1953.....	24,341	16,465	2,654,683	324	32.3	6,748	355,252	52.60	3,009,935
1954 (prel.).....	19,187	13,569	2,311,964	339	34.1	<sup>2</sup> 5,568	335,946	60.30	2,647,910
<b>Alabama:</b>									
1943-1952.....	1,532	907	135,897	286	30.5	354	21,279	60.97	157,176
1953.....	1,620	963	161,447	285	33.5	377	19,076	50.60	180,523
1954 (prel.).....	1,170	725	126,150	297	34.8	<sup>2</sup> 290	16,646	57.40	142,796
<b>Arizona:</b>									
1943-1952.....	306	387	65,405	555	30.7	161	11,102	68.05	76,507
1953.....	690	1,070	177,937	743	33.3	442	23,956	54.20	201,893
1954 (prel.).....	420	850	149,270	968	35.2	<sup>2</sup> 351	20,884	59.50	170,154
<b>Arkansas:</b>									
1943-1952.....	1,941	1,343	199,404	332	29.7	542	34,218	63.74	233,622
1953.....	2,070	1,548	252,987	358	32.7	620	32,054	51.70	285,041
1954 (prel.).....	1,700	1,355	229,672	381	33.9	<sup>2</sup> 554	33,240	60.00	262,912
<b>California:</b>									
1943-1952.....	680	905	147,847	624	30.0	353	25,644	70.22	173,491
1953.....	1,340	1,768	275,488	632	31.2	721	38,285	53.10	313,773
1954 (prel.).....	883	1,450	253,048	786	34.9	<sup>2</sup> 582	34,629	59.50	287,677
<b>Georgia:</b>									
1943-1952.....	1,342	705	107,047	252	30.8	285	17,669	62.77	124,716
1953.....	1,375	752	124,333	262	33.1	307	15,442	50.30	139,775
1954 (prel.).....	1,025	610	105,835	285	34.7	<sup>2</sup> 251	14,357	57.20	120,192
<b>Louisiana:</b>									
1943-1952.....	843	585	88,129	327	30.3	236	14,296	61.30	102,425
1953.....	950	806	132,437	407	33.1	332	17,530	52.80	150,967
1954 (prel.).....	685	570	98,040	400	34.4	<sup>2</sup> 229	13,580	59.30	111,620
<b>Mississippi:</b>									
1943-1952.....	2,371	1,664	253,090	336	30.9	672	43,353	65.14	206,443
1953.....	2,490	2,129	360,013	410	33.8	876	47,129	53.80	407,142
1954 (prel.).....	1,950	1,575	274,050	387	34.8	<sup>2</sup> 641	39,742	62.00	313,792
<b>Missouri:</b>									
1943-1952.....	447	343	50,002	368	29.2	146	8,779	60.69	58,781
1953.....	555	449	72,667	386	32.4	190	9,443	49.70	82,110
1954 (prel.).....	450	450	76,725	478	34.1	<sup>2</sup> 195	10,822	55.50	87,547
<b>New Mexico:</b>									
1943-1952.....	190	195	33,381	498	32.6	79	5,617	70.04	38,998
1953.....	315	327	57,783	497	35.4	137	7,891	57.60	65,674
1954 (prel.).....	202	310	56,428	736	36.4	<sup>2</sup> 126	7,875	62.50	64,303
<b>North Carolina:</b>									
1943-1952.....	708	506	74,462	340	30.5	208	12,636	62.62	87,098
1953.....	775	449	74,206	278	33.0	185	9,416	50.90	83,622
1954 (prel.).....	545	360	63,180	316	35.1	<sup>2</sup> 151	9,362	62.00	72,542
<b>Oklahoma:</b>									
1943-1952.....	1,203	385	52,022	152	27.9	159	10,033	66.84	62,055
1953.....	1,020	437	64,652	205	29.6	175	8,960	51.20	73,612
1954 (prel.).....	920	295	45,872	154	31.1	<sup>2</sup> 119	6,926	58.20	52,798
<b>South Carolina:</b>									
1943-1952.....	1,064	693	103,743	312	30.4	287	17,536	61.62	121,279
1953.....	1,175	690	113,909	281	33.0	287	14,436	50.30	128,345
1954 (prel.).....	830	500	88,500	288	35.4	<sup>2</sup> 212	12,932	61.00	101,432
<b>Tennessee:</b>									
1943-1952.....	732	544	81,757	357	30.1	213	13,519	63.96	95,276
1953.....	950	702	117,102	354	33.4	279	14,480	51.90	131,582
1954 (prel.).....	640	545	95,375	408	35.0	<sup>2</sup> 221	12,995	58.80	108,370
<b>Texas:</b>									
1943-1952.....	8,384	3,239	478,726	182	29.0	1,334	88,172	67.08	566,898
1953.....	8,900	4,317	659,220	233	30.6	1,797	95,960	53.40	755,180
1954 (prel.).....	7,700	3,920	640,613	244	32.7	<sup>2</sup> 1,624	100,688	62.00	741,301
<b>Other States:</b>									
1943-1952.....	78	47	6,969	288	29.8	19	1,162	61.16	8,131
1953.....	116	58	9,502	242	32.5	23	1,194	51.20	10,696
1954 (prel.).....	67	54	9,206	382	34.3	<sup>2</sup> 22	1,268	56.90	10,474

<sup>1</sup> Season average price; for 1954 to Dec. 1 only. Includes an allowance for unredeemed loans.

<sup>2</sup> Based on 1949-53 average ratio of lint to cottonseed.

Source: Department of Agriculture, Agricultural Marketing Service; *Cotton and Cottonseed Production*.



No. 828.—COTTON (EXCLUDING LINTERS)—PRODUCTION, CONSUMPTION, EXPORTS, IMPORTS, PRICES, AND CARRY-OVER: 1916 TO 1954

[In thousands of bales except average price. Production figures relate to crop of preceding calendar year and are compiled from reports of individual ginnerers. Price per pound is average price received by growers. For data prior to 1916, see 1949 and earlier editions of the *Statistical Abstract*]

YEARLY AVERAGE OR YEAR ENDING JULY 31—	PRODUCTION		Average price per pound upland cotton (cents)	Con- sumption (running bales)	Net exports of do- mestic cotton (running bales)	Net imports (equiva- lent 500- pound bales)	Carry- over (running bales)
	Running bales, counting round as half bales	Equivalent 500-pound bales, gross weight					
1916-1920.....	11,382	11,481	24.0	6,388	5,524	361	3,432
1921-1925.....	10,958	11,985	21.4	5,869	6,083	318	2,971
1926-1930.....	15,101	15,268	17.4	6,735	8,251	365	3,337
1931-1935.....	13,046	13,343	8.9	5,465	7,244	115	7,833
1936-1940.....	12,783	13,148	9.9	6,938	5,306	171	9,008
1941-1945.....	11,640	11,957	17.3	10,301	1,372	185	11,074
1946-1950.....	11,875	12,102	29.4	9,038	3,929	252	5,014
1946.....	8,813	9,016	22.5	9,163	3,613	343	7,326
1947.....	8,517	8,640	32.6	10,025	3,544	270	2,530
1948.....	11,557	11,857	31.9	9,354	1,963	238	3,080
1949.....	14,580	14,858	30.4	7,795	4,746	163	5,287
1950.....	15,909	16,128	28.6	8,851	5,771	245	6,846
1951.....	9,910	10,014	39.9	10,654	4,108	188	2,278
1952.....	15,076	15,148	37.7	9,120	5,515	72	2,789
1953.....	14,955	15,139	34.2	9,424	3,048	193	5,605
1954.....	16,317	16,465	32.1	8,576	3,760	142	9,728

Source: Department of Commerce, Bureau of the Census (except price per pound from Department of Agriculture, Agricultural Marketing Service); annual report, *Cotton Production and Distribution*.

No. 829.—COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION AND EXPORTS: 1881 TO 1954

[Cottonseed production relates to preceding crop year; other data relate to 12 months ending July 31. Tons are 2,000 pounds. For value of cottonseed products, 1881-1945, see 1949 *Statistical Abstract*. See also *Historical Statistics*, series J 175, for data on cottonseed oil production]

YEARLY AVERAGE OR YEAR ENDING JULY 31 OR JUNE 30—	COTTONSEED		COTTONSEED PRODUCTS					
	Pro- duc- tion	Used in mills	Production				Exports	
			Oil	Meal and cake	Hulls	Linters	Oil	Meal and cake
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 pounds</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Bales</i> <sup>1</sup>	<i>1,000 pounds</i>	<i>1,000 tons</i>
1881-1890.....	3,018	553	165,810	193			34,038	
1891-1900.....	4,280	1,625	483,015	570	<sup>2</sup> 1,169	<sup>2</sup> 114,544	191,157	<sup>3</sup> 388
1901-1905.....	5,139	3,085	890,745	1,130	1,382	167,327	297,888	548
1906-1910.....	5,258	3,296	990,450	1,339	1,195	282,064	311,463	578
1911-1915.....	6,353	4,847	1,466,940	2,162	1,527	595,225	290,311	551
1916-1920.....	5,116	4,285	1,302,050	2,041	1,093	943,474	172,877	301
1921-1925.....	4,878	3,646	1,125,196	1,654	1,082	578,384	106,371	258
1926-1930.....	6,784	5,319	1,631,597	2,409	1,495	1,117,754	48,762	328
1931-1935.....	5,932	4,474	1,398,611	2,032	1,229	954,186	28,100	97
1936-1940.....	5,847	4,653	1,444,771	2,101	1,195	1,354,871	7,681	26
1941-1945.....	5,136	4,223	1,327,149	1,898	1,019	1,489,821	19,650	1
1946-1950.....	4,883	4,296	1,363,440	1,928	1,001	1,576,300	54,855	50
1946.....	3,663	3,262	1,017,546	1,434	783	1,191,553	5,878	( <sup>4</sup> )
1947.....	3,511	3,090	973,083	1,363	727	1,183,519	7,627	5
1948.....	4,683	4,082	1,275,603	1,898	923	1,523,829	32,588	9
1949.....	5,943	5,332	1,703,762	2,391	1,236	1,961,476	81,580	117
1950.....	6,614	5,712	1,847,205	2,555	1,338	2,021,123	146,600	121
1951.....	4,105	3,723	1,196,893	1,669	857	1,394,365	60,832	12
1952.....	6,302	5,475	1,750,783	2,547	1,234	2,054,512	99,368	44
1953.....	6,191	5,563	1,825,411	2,672	1,199	2,069,013	45,876	30
1954.....	6,749	6,256	2,073,981	2,961	1,388	2,326,407	343,651	67

<sup>1</sup> Of 500 pounds net.

<sup>2</sup> Figures for 1900.

<sup>3</sup> 6-year average, 1895-1900.

<sup>4</sup> Less than 500 tons.

Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

## No. 830.—COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION, BY STATES: 1954

[Cottonseed production relates to preceding crop year; other data relate to 12 months ending July 31. Tons are 2,000 pounds. Bales are 500 pounds net]

STATE	COTTONSEED		COTTONSEED PRODUCTS			
	Produc- tion	Used in mills	Oil	Meal and cake	Hulls	Linters
	1,000 tons	1,000 tons	1,000 lbs.	1,000 tons	1,000 tons	Bales
<b>Total.....</b>	6,749	6,256	2,073,981	2,961	1,388	2,326,407
Alabama.....	383	291	88,206	144	70	103,968
Arizona.....	438	409	148,323	195	87	161,958
Arkansas.....	621	497	165,889	232	116	182,470
California.....	726	719	246,945	320	153	295,438
Georgia.....	306	374	115,669	180	83	154,735
Louisiana.....	333	240	77,199	117	53	83,797
Mississippi.....	875	825	276,555	401	169	309,618
North Carolina.....	187	171	52,600	89	32	74,947
Oklahoma.....	172	143	41,715	70	32	48,511
South Carolina.....	287	198	61,382	97	38	88,560
Tennessee.....	279	479	165,680	222	116	172,795
Texas.....	1,808	1,734	572,571	815	399	577,188
All other States.....	334	176	61,247	79	40	72,422

Source: Department of Commerce, Bureau of the Census; annual reports, *Cotton Production and Cotton Production and Distribution*.

## No. 831.—SWEETPOTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1943 TO 1954

[Pounds per bushel, 55. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 228-230, for U. S. totals for acreage harvested, production, and price]

STATE	ACREAGE HAR- VESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1943- 1952, aver- age	1953	1954 <sup>1</sup>	1943- 1952, aver- age	1953	1954 <sup>1</sup>	1943- 1952, aver- age	1953	1954 <sup>1</sup>	1953	1954 <sup>1</sup>	1953	1954 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Bu. 93	Bu. 98	Bu. 87	1,000 bu. 50,637	1,000 bu. 34,276	1,000 bu. 29,880	Cts. per bu. 251	Cts. per bu. 231	\$1,000 86,167	\$1,000 69,001
<b>United States.....</b>	547	351	346	93	98	87	50,637	34,276	29,880	251	231	86,167	69,001
New Jersey.....	16	15	17	144	163	174	2,245	2,445	2,958	268	195	6,553	5,768
Indiana.....	1	(2)	(2)	120	50	110	130	20	44	277	250	55	110
Illinois.....	2	1	1	93	60	90	205	60	90	286	275	172	248
Iowa.....	1	1	1	101	70	90	134	70	90	277	280	194	252
Missouri.....	5	2	1	100	65	75	477	130	75	271	270	352	202
Kansas.....	2	1	1	100	50	70	165	40	77	267	255	107	196
Delaware.....	1	(2)	(2)	128	165	130	112	66	52	198	145	131	75
Maryland.....	7	6	6	149	195	180	1,100	1,170	990	206	155	2,410	1,534
Virginia.....	22	19	20	120	150	140	2,545	2,850	2,800	195	165	5,558	4,620
North Carolina.....	56	46	43	106	105	93	5,983	4,830	3,999	251	265	12,123	10,597
South Carolina.....	48	27	23	95	95	65	4,576	2,565	1,495	264	270	6,772	4,036
Georgia.....	61	26	23	76	83	42	4,711	2,158	966	297	320	6,409	3,091
Florida.....	12	12	11	67	70	58	819	840	638	357	340	2,999	2,169
Kentucky.....	11	4	4	86	72	84	938	288	353	282	260	812	918
Tennessee.....	25	11	12	97	80	85	2,401	880	1,020	305	265	2,684	2,703
Alabama.....	48	17	17	79	70	55	3,947	1,190	935	292	290	3,475	2,712
Mississippi.....	45	17	19	83	77	57	3,861	1,309	1,083	326	320	4,267	3,466
Arkansas.....	15	6	6	78	60	55	1,193	342	341	316	340	1,081	1,159
Louisiana.....	100	96	95	94	93	93	9,418	8,928	8,835	189	160	16,874	14,136
Oklahoma.....	6	3	3	68	90	70	429	225	189	273	285	614	539
Texas.....	51	30	30	77	85	45	4,047	2,550	1,350	266	320	6,783	4,320
California.....	11	11	12	110	120	125	1,201	1,320	1,500	435	410	5,742	6,150

<sup>1</sup> Preliminary.    <sup>2</sup> Less than 500 acres.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.



No. 832.—POTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1943 TO 1954

[Pounds per bushel, 60. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 225-227, for U. S. totals for acreage harvested, production, and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1943- 1952, avg.	1953	1954 <sup>1</sup>	1943- 1952, avg.	1953	1954 <sup>1</sup>	1943- 1952, avg.	1953	1954 <sup>1</sup>	1953	1954 <sup>1</sup>	1953	1954 <sup>1</sup>
U. S.-----	1,000 acres 2, 138	1,000 acres 1, 525	1,000 acres 1, 405	Bu. 202	Bu. 249	Bu. 253	1,000 bu. 409, 027	1,000 bu. 2 380, 075	1,000 bu. 355, 099	Dol. per bu. 0. 80	Dol. per bu. 1. 23	\$1,000 2297,912	\$1,000 435,944
N. E.:													
Maine-----	174	159	153	373	375	325	62, 995	59, 625	49, 725	. 44	1. 05	26, 235	52, 211
N. H.-----	6	4	4	218	255	260	1, 178	1, 071	988	1. 20	1. 65	1, 235	1, 630
Vt.-----	8	4	4	172	190	200	1, 243	779	720	1. 20	1. 95	935	1, 404
Mass-----	16	9	8	199	240	250	2, 935	2, 038	2, 100	1. 10	1. 60	2, 297	3, 360
R. I.-----	6	5	4	231	285	280	1, 310	1, 282	1, 148	1. 10	1. 55	1, 410	1, 779
Conn-----	14	10	9	232	280	345	3, 032	2, 688	3, 140	1. 00	1. 55	2, 688	4, 867
M. A.:													
N. Y.-----	150	106	95	235	291	326	33, 305	30, 860	30, 935	. 63	1. 15	19, 844	35, 575
N. J.-----	51	25	24	218	265	241	10, 698	6, 519	5, 784	. 84	1. 17	5, 476	6, 767
Pa.-----	110	62	58	189	210	245	19, 147	13, 020	14, 210	1. 14	1. 60	14, 843	22, 736
E. N. C.:													
Ohio-----	43	24	23	176	200	250	6, 737	4, 800	5, 750	1. 44	1. 70	6, 912	9, 775
Ind-----	24	13	13	171	245	275	3, 713	3, 062	3, 438	1. 45	1. 55	4, 440	5, 329
Ill-----	14	6	4	91	75	90	1, 226	412	360	1. 66	1. 75	684	630
Mich-----	119	58	49	141	185	195	15, 416	10, 730	9, 555	. 92	1. 30	9, 872	12, 422
Wis-----	98	61	54	146	235	215	12, 562	14, 335	11, 610	1. 08	1. 45	15, 482	16, 834
W. N. C.:													
Minn-----	128	78	80	139	160	200	16, 211	12, 480	16, 000	. 74	. 85	9, 235	13, 600
Iowa-----	19	7	6	112	90	100	2, 008	630	600	1. 52	1. 65	958	990
Mo-----	22	11	11	108	62	100	2, 351	682	1, 080	1. 49	1. 96	1, 016	2, 117
N. Dak-----	130	102	98	156	170	190	19, 484	17, 340	18, 620	. 62	. 85	10, 751	15, 827
S. Dak-----	24	13	12	107	150	140	2, 319	1, 875	1, 680	. 78	1. 05	1, 462	1, 764
Nebr-----	54	28	23	188	209	210	9, 592	5, 852	4, 830	. 50	1. 00	2, 926	4, 830
Kans-----	13	4	4	91	38	74	1, 156	133	259	1. 43	1. 60	190	414
S. A.:													
Del-----	4	7	7	123	251	221	447	1, 657	1, 591	. 93	1. 58	1, 541	2, 514
Md-----	13	7	6	127	132	130	1, 594	871	767	1. 06	1. 62	923	1, 243
Va-----	55	36	31	152	175	153	8, 104	6, 300	4, 789	1. 04	1. 33	6, 552	6, 369
W. Va-----	23	14	14	98	95	120	2, 251	1, 330	1, 680	1. 42	1. 75	1, 889	2, 940
N. C-----	69	45	39	134	136	151	9, 095	2 6, 120	5, 889	. 92	1. 45	2 5, 538	8, 539
S. C-----	19	13	11	117	127	145	2, 124	1, 651	1, 595	1. 16	1. 37	1, 915	2, 185
Ga-----	14	6	5	73	76	79	1, 022	456	395	1. 32	1. 56	602	616
Fla-----	29	42	33	180	243	293	5, 048	2 10, 206	9, 786	1. 61	1. 51	2 15, 846	14, 777
E. S. C.:													
Ky-----	31	17	17	91	87	85	2, 830	1, 479	1, 445	1. 29	1. 75	1, 908	2, 529
Tenn-----	31	16	15	87	80	95	2, 658	1, 280	1, 425	1. 41	1. 60	1, 805	2, 280
Ala-----	39	38	25	106	161	157	3, 924	2 6, 118	3, 925	. 94	1. 44	2 4, 540	5, 652
Miss-----	19	7	7	67	63	80	1, 300	441	560	1. 35	1. 55	595	868
W. S. C.:													
Ark-----	29	10	9	82	52	91	2, 337	494	819	1. 47	1. 42	726	1, 163
La-----	28	11	11	61	92	82	1, 671	1, 003	927	1. 10	1. 34	1, 103	1, 242
Okla-----	15	4	3	74	57	88	1, 065	200	264	1. 40	1. 62	280	428
Tex-----	39	23	19	101	108	107	3, 813	2 2, 484	2, 033	1. 22	1. 67	2 2, 428	3, 395
Mt.:													
Mont-----	14	11	10	179	215	245	2, 448	2, 258	2, 401	1. 37	1. 65	3, 093	3, 962
Idaho-----	160	155	153	261	300	275	41, 454	46, 500	42, 075	. 57	. 95	26, 505	39, 971
Wyo-----	10	6	7	190	230	240	1, 873	1, 403	1, 680	. 66	1. 10	926	1, 848
Colo-----	69	57	54	269	335	320	17, 939	19, 095	17, 280	. 73	1. 10	13, 939	19, 008
N. Mex-----	3	1	1	107	125	130	251	75	78	1. 28	1. 35	96	105
Ariz-----	5	6	5	300	397	322	1, 498	2, 342	1, 513	1. 11	1. 52	2, 600	2, 300
Utah-----	15	14	13	206	245	260	3, 066	3, 430	3, 380	. 85	1. 05	2, 916	3, 549
Nev-----	2	2	2	226	320	300	501	544	510	. 89	1. 20	484	612
Pac.:													
Wash-----	33	27	30	330	400	440	10, 573	10, 800	13, 200	. 73	1. 05	7, 884	13, 860
Oreg-----	42	39	40	284	325	330	11, 622	12, 675	13, 200	. 75	1. 20	9, 506	15, 840
Calif-----	106	128	103	377	380	382	39, 894	2 48, 600	39, 360	. 93	1. 61	2 42, 831	63, 288

<sup>1</sup> Preliminary.

<sup>2</sup> Production includes some quantities of commercial early potatoes not marketed and excluded in computing value, as follows (1,000 bu.): North Carolina, 100; Florida, 364; Alabama, 1,288; Texas, 494; and California, 2,869.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.

## No. 833.—ALL HAY—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1943 TO 1954

[See also *Historical Statistics*, series E 211-216, for U. S. totals for acreage harvested, production, and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1—		FARM VALUE	
	1943-1952, avg.	1953	1954 <sup>2</sup>	1943-1952, avg.	1953	1954 <sup>2</sup>	1943-1952, avg.	1953	1954 <sup>2</sup>	1953	1954 <sup>2</sup>	1953	1954 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	Dol. per ton	Dol. per ton	\$1,000	\$1,000
U. S.-----	74,629	73,996	72,770	1.37	1.43	1.43	101,959	105,530	104,380	22.20	22.60	2,338,139	2,359,011
N. E.:													
Maine-----	776	680	662	1.02	1.04	1.08	790	709	712	24.00	28.50	17,016	20,292
N. H.-----	344	303	300	1.20	1.22	1.28	413	369	383	28.40	31.00	10,480	11,873
Vt.-----	971	911	900	1.41	1.34	1.49	1,368	1,222	1,343	27.10	27.00	33,116	36,261
Mass-----	353	327	322	1.55	1.48	1.63	546	485	524	35.60	36.00	17,266	18,864
R. I.-----	32	32	32	1.50	1.78	1.59	48	57	51	34.90	36.50	1,989	1,862
Conn-----	278	255	251	1.59	1.63	1.69	440	415	425	36.30	38.00	15,064	16,150
M. A.:													
N. Y.-----	3,674	3,289	3,220	1.58	1.69	1.71	5,811	5,564	5,512	22.70	22.00	126,303	121,264
N. J.-----	257	253	253	1.74	1.81	1.73	446	459	437	36.60	39.00	16,799	17,043
Pa.-----	2,374	2,240	2,270	1.48	1.57	1.54	3,518	3,508	3,497	29.20	30.50	102,434	106,658
E. N. C.:													
Ohio-----	2,512	2,597	2,530	1.45	1.55	1.57	3,650	4,023	3,961	27.20	26.50	109,426	104,966
Ind.-----	1,812	1,776	1,594	1.39	1.41	1.46	2,511	2,505	2,322	24.40	25.00	61,122	58,050
Ill.-----	2,675	2,671	2,737	1.51	1.59	1.73	4,051	4,252	4,736	25.00	25.00	106,300	118,400
Mich-----	2,585	2,414	2,453	1.39	1.50	1.52	3,594	3,611	3,736	21.60	21.00	77,998	78,456
Wis.-----	4,064	3,920	3,906	1.74	1.98	2.03	7,060	7,769	7,948	19.80	19.50	153,826	154,956
W. N. C.:													
Minn-----	4,100	3,719	3,740	1.52	1.86	1.79	6,239	6,909	6,683	15.20	16.50	105,017	110,270
Iowa-----	3,433	3,898	3,982	1.63	1.68	1.71	5,639	6,534	6,793	18.60	18.50	121,532	125,670
Mo.-----	3,650	2,500	2,335	1.20	0.99	1.19	4,368	2,485	2,786	25.40	23.00	63,119	64,078
N. Dak-----	3,368	3,701	3,403	0.92	1.09	1.08	3,087	4,031	3,675	13.20	14.50	53,209	53,288
S. Dak-----	4,080	5,155	5,469	0.84	0.99	0.89	3,383	5,113	4,878	15.00	15.50	76,695	75,609
Nebr-----	4,541	5,520	5,762	1.08	1.00	1.09	4,930	5,517	6,290	19.10	19.00	105,375	119,510
Kans-----	1,924	2,155	2,377	1.55	1.20	1.34	2,986	2,588	3,185	25.60	24.00	66,253	76,440
S. A.:													
Del.-----	73	71	70	1.40	1.48	1.43	102	105	100	31.50	37.00	3,308	3,700
Md.-----	450	475	471	1.41	1.46	1.32	632	694	621	33.50	37.50	23,249	23,288
Va.-----	1,384	1,367	1,348	1.16	1.09	1.09	1,608	1,487	1,472	38.10	39.00	56,655	57,408
W. Va-----	817	830	836	1.23	1.17	1.29	1,005	967	1,082	36.40	34.00	35,199	36,788
N. C.-----	1,270	1,132	1,130	1.01	0.98	0.96	1,287	1,111	1,081	32.70	35.00	36,330	37,835
S. C.-----	511	445	409	0.82	0.82	0.64	418	363	262	34.90	37.00	12,669	9,694
Ga.-----	1,255	833	727	0.57	0.74	0.61	699	620	444	25.30	30.00	15,686	13,320
Fla.-----	108	90	96	0.59	0.80	0.88	62	72	84	23.10	29.00	1,663	2,436
E. S. C.:													
Ky.-----	1,825	1,748	1,619	1.26	1.13	1.21	2,301	1,979	1,953	30.80	30.00	60,953	58,590
Tenn-----	1,741	1,571	1,373	1.12	1.06	0.95	1,958	1,671	1,311	29.20	31.00	48,793	40,641
Ala.-----	915	705	669	0.76	0.87	0.74	688	615	497	26.60	29.50	16,359	14,662
Miss-----	812	729	677	1.14	1.06	0.91	931	772	618	24.80	26.50	19,146	16,377
W. S. C.:													
Ark.-----	1,228	946	810	1.08	0.86	0.82	1,327	810	668	26.90	25.00	21,789	16,700
La.-----	314	321	271	1.21	1.26	1.20	379	406	324	25.30	25.00	10,272	8,100
Okla-----	1,407	1,464	1,436	1.23	1.22	1.09	1,724	1,784	1,560	22.40	24.50	39,962	38,220
Tex.-----	1,591	1,473	1,376	0.98	1.16	1.01	1,546	1,705	1,389	25.70	26.00	43,818	36,114
Mt.:													
Mont-----	2,248	2,604	2,436	1.13	1.18	1.18	2,540	3,069	2,863	18.70	20.50	57,390	58,692
Idaho-----	1,102	1,119	1,132	2.16	2.46	2.44	2,381	2,748	2,763	17.90	21.00	49,189	58,023
Wyo.-----	1,103	1,155	1,051	1.10	1.20	1.05	1,221	1,389	1,103	22.10	25.50	30,697	28,126
Colo.-----	1,377	1,456	1,269	1.59	1.72	1.57	2,194	2,506	1,986	20.90	26.50	52,375	52,629
N. Mex-----	205	234	234	2.10	2.09	2.19	432	489	512	24.90	24.00	12,176	12,288
Ariz-----	274	244	266	2.42	2.75	2.60	659	672	691	23.10	24.50	15,523	16,930
Utah-----	560	560	548	2.06	2.23	2.16	1,152	1,247	1,182	19.50	21.50	24,316	25,413
Nev.-----	406	389	315	1.50	1.69	1.53	607	659	482	20.50	24.00	13,510	11,568
Pac.:													
Wash-----	851	798	798	1.87	2.01	1.94	1,595	1,604	1,545	20.30	21.00	32,561	32,445
Oreg-----	1,070	1,031	1,009	1.69	1.78	1.65	1,806	1,839	1,667	20.20	20.50	37,148	34,174
Calif-----	1,928	1,890	1,891	3.03	3.19	3.30	5,830	6,022	6,243	21.10	20.00	127,064	124,860

<sup>1</sup> Price of hay sold baled.<sup>2</sup> Preliminary.Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.



## VEGETABLE CROPS

685

**Production in equivalent tons of 2,000 pounds.** Estimates relate to commercial production for fresh market and processing combined and include production in market-garden areas. Production for home use in farm and nonfarm gardens is not included. Value based on season-average prices received by growers. Value is for season or crop year and should not be confused with calendar year income]

CROP	ACREAGE <sup>1</sup>		PRODUCTION <sup>2</sup> (equivalent tons)				VALUE (\$1,000)	
	1953	1954	1954, leading States	1953	1954	1954, leading States	1953	1954
Artichokes.....	8, 600	9, 000	California.....	17, 200	18, 000	California.....	3, 096	2, 745
Asparagus.....	135, 090	143, 700	California, New Jersey.....	151, 500	153, 400	California, New Jersey.....	33, 876	36, 911
Beans, lima.....	128, 790	129, 370	California, Delaware.....	3 129, 700	3 124, 500	California, Delaware.....	20, 357	19, 041
Beans, snap.....	300, 160	309, 400	Florida, New York.....	570, 800	620, 800	Florida, New York.....	85, 518	85, 777
Bets.....	24, 790	24, 610	Wisconsin, Texas.....	200, 800	189, 400	New York, Wisconsin.....	5, 167	4, 699
Broccoli.....	44, 550	38, 650	California, Texas.....	111, 100	97, 900	California, Texas.....	17, 437	14, 668
Brussels sprouts.....	6, 500	6, 500	California, New York.....	34, 100	28, 800	California, New York.....	6, 857	5, 320
Cabbage.....	169, 340	159, 360	Texas, New York.....	1, 458, 400	1, 344, 800	New York, Florida.....	37, 543	31, 989
Cantaloups.....	140, 070	153, 520	California, Texas.....	633, 000	661, 200	California, Arizona.....	55, 162	53, 298
Carrots.....	82, 150	80, 050	Texas, California.....	784, 500	775, 200	California, Texas.....	49, 161	49, 043
Cauliflower.....	29, 700	27, 750	California, New York.....	220, 700	185, 200	California, New York.....	14, 205	13, 283
Celery.....	36, 620	36, 630	California, Florida.....	720, 100	748, 100	California, Florida.....	51, 770	48, 453
Corn, sweet.....	718, 440	678, 310	Wisconsin, Minnesota.....	2, 111, 700	2, 109, 000	Minnesota, Wisconsin.....	81, 794	74, 942
Cucumbers.....	197, 560	192, 370	Michigan, Wisconsin.....	510, 700	500, 100	Florida, Michigan.....	42, 182	35, 633
Eggplant.....	4, 500	4, 900	Florida, New Jersey.....	22, 100	24, 700	Florida, New Jersey.....	2, 143	2, 364
Escarole.....	4, 000	4, 500	Florida.....	24, 500	30, 650	Florida.....	2, 254	2, 137
Garlic.....	1, 450	1, 950	California.....	5, 400	6, 800	California.....	1, 591	1, 822
Honeyball melons.....	150			500			75	
Honeydew melons.....	10, 800	12, 300	California, Arizona.....	76, 100	72, 700	California, Arizona.....	7, 334	6, 937
Kale.....	3, 200	3, 000	Virginia.....	11, 500	9, 450	Virginia.....	510	550
Lettuce.....	209, 620	206, 150	California, Arizona.....	1, 406, 000	1, 417, 200	California, Arizona.....	121, 205	124, 427
Mint for oil.....	57, 650	59, 200	Indiana, Michigan.....	1, 100	1, 200	Indiana, Washington.....	10, 787	11, 540
Onions.....	132, 220	115, 720	Texas, New York.....	1, 246, 200	1, 052, 500	New York, California.....	31, 994	48, 994
Peas, green.....	443, 470	438, 990	Wisconsin, Washington.....	485, 700	419, 500	Wisconsin, Washington.....	46, 975	39, 891
Peppers, green.....	41, 510	49, 100	Florida, New Jersey.....	126, 000	139, 000	Florida, New Jersey.....	22, 640	20, 543
Pimientos.....	26, 900	31, 300	Georgia.....	34, 000	22, 200	Georgia.....	3, 367	1, 974
Potatoes, commercial early.....	274, 900	210, 100	California, Florida.....	2, 171, 500	1, 676, 600	California, Florida.....	68, 169	84, 734
Shallots.....	5, 400	4, 700	Louisiana.....	7, 800	6, 400	Louisiana.....	1, 546	1, 198
Spinach.....	67, 640	65, 590	Texas, California.....	210, 300	189, 400	California, Texas.....	15, 185	14, 419
Strawberries.....	112, 000	109, 300	Oregon, California.....	223, 800	213, 700	California, Oregon.....	86, 690	83, 026
Tomatoes.....	532, 060	516, 650	California, Texas.....	4, 152, 800	3, 694, 700	California, Florida.....	218, 193	190, 983
Watermelons.....	435, 150	453, 350	Texas, Florida.....	1, 374, 000	1, 486, 400	Florida, Texas.....	43, 871	33, 869

<sup>1</sup> Acreage of crops for harvest for fresh market, including any partially harvested or not harvested because of low prices or other economic factors, plus acreage harvested for processing.

<sup>2</sup> Includes some quantities not marketed and excluded in computing value.

<sup>3</sup> Processing production shelled basis plus fresh market production in the shell. Equivalent shelled production: 1953, 118,250 tons; 1954, 113,700 tons.

<sup>4</sup> Processing production shelled basis plus fresh market production in the shell. Equivalent shelled basis: 1953, 473,040 tons; 1954, 406,720 tons.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

## No. 835.—FRUITS—PRODUCTION AND PRICE RECEIVED BY FARMERS: 1943 TO 1954

[See also *Historical Statistics*, series E 231-243]

CROP	UNIT	PRODUCTION (1,000) <sup>1</sup>				PRICE PER UNIT <sup>2</sup>		
		1943- 1952, avg.	1952	1953	1954 <sup>3</sup>	1952	1953	1954 <sup>3</sup>
Apples <sup>4</sup>	Bu. (48 lbs.)	105,802	92,489	93,307	103,773	\$2.55	\$2.65	\$2.29
Peaches	do	66,596	62,560	64,473	60,794	2.01	1.90	2.00
Pears	Bu <sup>6</sup>	30,466	30,947	29,081	30,077	1.73	2.02	2.12
Grapes	Ton	2,951	3,164	2,700	2,607	39.60	47.90	50.80
Cherries (12 States)	do	200	218	224	197	163.00	220.00	250.00
Plums	do	85	61	92	78	226.00	156.00	171.00
Prunes (fresh basis) <sup>6</sup>	do	558	423	455	528	90.10	86.10	87.10
Oranges and tangerines <sup>7</sup>	Box <sup>8</sup>	113,874	125,080	130,930	141,475	1.72	1.96	1.67
Grapefruit	do <sup>9</sup>	50,034	38,360	48,370	46,120	1.09	.85	.90
Lemons	do <sup>10</sup>	12,493	12,590	16,130	14,600	3.90	2.86	2.65

<sup>1</sup> Includes some quantities donated to charity or not harvested on account of economic conditions or scarcity of harvest labor.

<sup>2</sup> Season average prices, except citrus fruit prices, which are equivalent packing-house-door returns for all methods of sale. <sup>3</sup> Preliminary. <sup>4</sup> Production in commercial apple areas of each State.

<sup>5</sup> California, 48 pounds; other States, 50 pounds.

<sup>6</sup> Fresh basis for California derived by multiplying dry basis estimate by 2½.

<sup>7</sup> Data for 5 States. See also table 813, p. 670.

<sup>8</sup> Net content of box varies. In California and Arizona approximate average is 77 pounds; in Florida and other States, 90 pounds.

<sup>9</sup> In California and Arizona approximate average is 65 pounds net; in Florida and other States, 80 pounds net.

<sup>10</sup> About 79 pounds net.

Source: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*.

## No. 836.—APPLES, PEACHES, PEARS, AND GRAPES—PRODUCTION, BY STATES: 1943 TO 1954

[See also *Historical Statistics*, series E 232, 234, 236, and 238, for U. S. totals]

STATE	APPLES (1,000 bu.) <sup>1,2</sup>			PEACHES (1,000 bu.) <sup>2</sup>			PEARS (1,000 bu.) <sup>2</sup>			GRAPES (tons) <sup>2</sup>		
	1943- 1952, avg.	1953	1954 <sup>3</sup>	1943- 1952, avg.	1953	1954 <sup>3</sup>	1943- 1952, avg.	1953	1954 <sup>3</sup>	1943- 1952, avg.	1953	1954 <sup>3</sup>
U. S.	105,802	92,307	103,773	66,596	64,473	60,794	30,466	29,081	30,077	2,951,090	2,700,000	2,607,300
Mass.	2,387	2,888	2,180	56	88	59	39	45	22	(4)		
Conn.	1,168	1,414	1,500	126	160	140	45	50	45	(4)		
N. Y.	14,009	13,120	15,485	1,218	1,247	1,010	556	462	285	56,120	67,200	90,000
N. J.	2,380	2,650	2,680	1,568	1,886	1,910	(4)			1,540	1,100	1,200
Pa.	6,074	4,100	6,020	2,122	2,080	2,450	229	151	185	17,080	17,000	28,000
Ohio	3,060	2,620	3,240	882	840	1,000	198	145	150	13,090	16,500	16,000
Ind.	1,350	1,178	1,204	481	434	546	111	70	72	1,510	700	700
Ill.	3,088	2,542	2,400	1,626	1,080	1,210	246	226	216	2,440	2,200	2,000
Mich.	6,698	8,200	5,650	3,622	2,870	2,410	693	1,260	875	30,940	49,500	45,000
Iowa	163	205	141	(4)			(4)			2,520	2,200	2,000
Mo.	1,155	800	1,000	548	342	500	157	99	125	4,070	2,700	2,700
Kans.	377	174	206	99	52	130	74	34	62	1,570	600	500
Del.	378	270	237	198	141	116	(4)			(4)		
Md.	1,177	848	1,485	471	379	502	(4)			(4)		
Va.	8,897	6,417	10,830	1,431	1,240	1,200	138	74	125	1,305	900	1,000
W. Va.	3,558	3,176	4,890	522	454	682	56	36	81	1,020	600	700
N. C.	1,172	873	1,900	1,649	1,180	1,150	158	134	125	3,530	2,500	2,600
S. C.				3,279	3,536	3,350	72	59	37	1,220	1,200	900
Ga.				3,433	3,312	2,800	269	225	160	1,960	1,600	1,400
Ky.	315	281	381	464	280	380	92	82	101	(4)		
Tenn.	374	342	376	488	243	355	114	105	151	(4)		
Ala.				741	1,000	1,130	181	117	116	(4)		
Miss.				552	608	276	214	189	110			
Ark.	514	124	384	1,782	1,836	984	130	102	59	9,500	3,000	5,400
Tex.				1,027	1,183	180	291	325	105	(4)		
Idaho	1,585	1,344	1,230	302	196	265	59	52	59	(4)		
Colo.	1,346	840	1,540	1,817	1,312	2,230	192	150	230	(4)		
Wash.	28,232	24,350	22,700	1,913	1,670	1,150	6,733	6,470	5,500	21,400	46,100	32,500
Oreg.	2,774	2,040	2,565	572	496	320	5,164	5,925	3,965	1,440	1,300	1,100
Calif.	8,324	7,200	8,450	32,119	33,252	31,294	13,668	12,084	16,626	2,775,900	2,479,000	2,370,000
Other	5,247	5,311	5,099	1,488	1,076	1,065	587	410	490	2,935	4,100	3,600

<sup>1</sup> See footnote 4, table 835. <sup>2</sup> See footnote 1, table 835. <sup>3</sup> Preliminary.

<sup>4</sup> Estimated production for 1943 included with "Other."

Source: Department of Agriculture, Agricultural Marketing Service; annual summary, *Acreage, Yield, and Production of Principal Crops*.



**No. 837.—SUGAR, BEET AND CANE—PRODUCTION, FOR CONTINENTAL UNITED STATES, PUERTO RICO, HAWAII, PHILIPPINES, CUBA, AND WORLD: 1870 TO 1954**

[In thousands of tons of 2,000 pounds. Prior to 1909, data refer to crop year beginning July 1; thereafter, crop year with beginning dates varying from Sept. to following June, except as noted for Hawaii. Beginning 1930, includes centrifugal only]

YEARLY AVERAGE OR CROP YEAR	Conti- nental U. S. and out- lying areas <sup>1</sup>	CONTINENTAL UNITED STATES			Puerto Rico <sup>4</sup>	Ha- waii <sup>5</sup>	Phillip- pine Is- lands <sup>6</sup>	Cuba	World total	PERCENT OF WORLD TOTAL IN—	
		Total (in terms of raw) <sup>2</sup>	Beet (re- duced to raw) <sup>2</sup>	Cane (raw) <sup>3</sup>						Conti- nental U. S.	U. S. and out- lying areas
1870-1874	291	73	( <sup>7</sup> )	73	95	<sup>8</sup> 13	110	-----	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
1875-1879	347	96	( <sup>7</sup> )	96	78	20	152	-----	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
1880-1884	476	131	1	130	87	64	195	-----	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
1885-1889	542	153	1	152	73	119	196	-----	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
1890-1894	759	284	14	271	63	145	266	-----	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
1895-1899	812	326	48	279	56	256	174	-----	10,844	3.0	7.5
1900-1904	1,141	543	194	348	115	389	94	-----	13,321	4.1	8.6
1905-1909	1,692	808	447	362	255	489	141	-----	15,788	5.1	10.7
1910-1914	2,306	986	697	291	363	604	345	-----	19,798	5.0	11.6
1915-1919	2,593	1,069	845	225	466	600	447	-----	18,875	5.7	13.7
1920-1924	2,938	1,233	1,017	215	476	643	581	-----	22,384	5.5	13.1
1925-1929	3,587	1,189	1,066	123	687	884	820	-----	29,419	4.0	12.2
1930-1934	4,683	1,632	1,396	235	896	1,042	1,111	2,847	29,820	5.5	15.9
1935-1939	5,008	1,991	1,518	474	974	980	1,058	3,183	29,530	6.7	17.0
1940-1944	3,931	1,879	1,451	428	961	880	<sup>10</sup> 1,033	3,685	26,402	7.1	15.3
1945-1949	4,350	1,968	1,513	455	1,134	861	382	5,898	27,436	7.2	15.8
1949	5,034	2,091	1,570	521	1,286	961	685	6,127	31,937	6.5	15.8
1950	5,742	2,576	2,012	564	1,228	996	935	6,349	36,182	7.1	15.9
1951	5,436	1,968	1,549	419	1,360	1,020	1,076	7,964	38,352	5.1	14.2
1952	5,526	2,110	1,505	605	1,170	1,099	1,134	5,687	36,419	5.8	15.2
1953	6,158	2,447	1,817	630	1,190	1,077	1,416	5,390	40,233	6.1	15.3
1954 (prel.)	6,269	2,592	2,037	555	1,170	1,090	1,405	5,000	39,155	6.6	16.0

<sup>1</sup> Excludes Cuba. Includes Puerto Rico, Hawaii, Philippine Islands and beginning 1910, Virgin Islands not shown separately.

<sup>2</sup> Beet sugar not converted to raw prior to 1909. Refined reduced to raw basis by multiplying by 1.07.

<sup>3</sup> Louisiana and Texas 1909 to 1923; Louisiana only 1924 to 1927; Louisiana and Florida beginning 1928.

<sup>4</sup> For 1900 to 1906, shipments to United States. Sugar 96° basis as computed by Puerto Rican mills.

<sup>5</sup> Statistics for 1874 to 1880 represent exports. Normal grinding season begins Oct. 1. In 1933, production was from grindings of Oct. 1, 1933, to Dec. 31, 1934; beginning 1934, from grindings of the next calendar year.

<sup>6</sup> Exports 1871 to 1911, production 1912 and subsequently. Includes production of muscovado and panocha, low grades of sugar mostly for domestic consumption.

<sup>7</sup> Less than 500 tons. <sup>8</sup> One year only. <sup>9</sup> Not available. <sup>10</sup> Production for 1940; not available for 1941-44.

Source: Department of Agriculture; Agricultural Marketing Service (from official sources and International Institute of Agriculture); annual report, *Agricultural Statistics*, and *The World Sugar Situation*.

**No. 838.—SUGAR, BEET AND CANE—STOCKS, PRODUCTION, TRADE, AND SUPPLY AVAILABLE FOR CONSUMPTION IN CONTINENTAL UNITED STATES: 1940 TO 1954**

YEAR	Produc- tion <sup>1</sup>	Visible stocks be- ginning of period <sup>1 2</sup>	RECEIPTS FROM—		Com- mercial exports and ship- ments <sup>3</sup>	Dept. of Agri. net purchases for export	DOMESTIC DISAPPEARANCE		
			Foreign sources <sup>1</sup>	Terri- torics <sup>1</sup>			Military <sup>4</sup>	Civilian	Per capita con- sumption (refined) <sup>6</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds
1940	2,104	2,613	3,006	1,855	193	-----	-----	7,029	94.3
1943	1,531	2,138	3,431	1,510	18	474	730	5,623	79.4
1944	1,510	1,765	3,930	1,547	24	317	1,014	6,170	88.3
1945	1,666	1,227	3,226	1,647	34	175	<sup>6</sup> 1,094	5,045	72.9
1946	1,900	1,418	2,697	1,504	258	139	<sup>6</sup> 119	5,551	73.9
1947	2,160	1,452	4,217	1,812	232	-----	<sup>6</sup> 114	7,357	90.4
1948	1,921	1,938	3,320	1,733	77	-----	<sup>6</sup> 76	7,263	94.9
1949	2,114	1,496	3,809	1,893	44	-----	58	7,451	94.3
1950	2,466	1,759	3,783	2,173	60	-----	65	8,226	94.7
1951	2,042	1,830	3,726	1,918	82	-----	127	7,543	96.1
1952	2,102	1,763	3,897	2,004	29	-----	117	7,999	96.1
1953	2,375	1,621	3,881	2,249	32	-----	97	8,354	96.3
1954 (prel.)	2,610	1,643	3,760	2,107	<sup>7</sup> 28	-----	65	8,144	96.2

<sup>1</sup> Data from Sugar Division, Commodity Stabilization Service.

<sup>2</sup> Includes raws for processing held by importers other than refiners.

<sup>3</sup> Includes sugar used in manufacture of other commodities. 1940, exports (Department of Commerce, *Foreign Commerce and Navigation*); beginning 1942, quantities delivered for export (Sugar Division, Commodity Stabilization Service). <sup>4</sup> Data based on allocation audits and records kept by Armed Forces.

<sup>5</sup> Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers. Civilian per capita consumption.

<sup>6</sup> Includes shipments for civilian relief feeding.

<sup>7</sup> Includes 9,000 tons for livestock feed in United States.

Source: Department of Agriculture, Agricultural Marketing Service (except as noted); annual report, *Agricultural Statistics*. Also published in *The World Sugar Situation*.

### No. 839.—SUGAR BEETS—ACREAGE, PRODUCTION, PRICES RECEIVED BY FARMERS, AND VALUE, 1901 TO 1954, AND BY STATES, 1951 TO 1954

[Prior to 1924 acreage and production include a small quantity produced in Canada for U. S. factories. U. S. totals include data for a few States not shown separately]

YEARLY AVERAGE OR YEAR AND STATE	Acres harvested (1,000)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) <sup>1</sup>	Farm value (\$1,000)	YEAR AND STATE	Acres harvested (1,000)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) <sup>1</sup>	Farm value (\$1,000)
<b>United States:</b>						<b>Idaho:</b>					
1901-1905.....	228	9.22	2,079	4.89	10,166	1951.....	66	18.6	1,227	11.40	13,988
1906-1910.....	386	10.13	23,910	5.18	20,254	1952.....	57	18.6	1,052	12.00	12,624
1911-1915.....	541	10.66	25,738	5.63	32,318	1953.....	75	19.4	1,459	11.30	16,487
1916-1920.....	698	9.49	6,623	9.56	63,314	1954.....	89	18.5	1,648	( <sup>4</sup> )	( <sup>4</sup> )
1921-1925.....	693	10.06	6,972	7.46	52,040	<b>Michigan:</b>					
1926-1930.....	701	11.01	7,718	7.32	56,480	1951.....	53	11.3	605	12.40	7,502
1931-1935.....	799	10.87	8,686	5.42	47,119	1952.....	49	10.7	527	13.30	7,009
1936-1940.....	857	12.20	10,452	5.13	53,569	1953.....	48	11.8	570	12.70	7,239
1941-1945.....	705	12.46	8,782	8.26	72,559	1954.....	63	11.9	754	( <sup>4</sup> )	( <sup>4</sup> )
1946-1950.....	797	14.09	11,244	11.15	125,395	<b>Montana:</b>					
1941.....	755	13.7	10,342	6.43	66,522	1951.....	45	12.0	537	12.00	6,444
1942.....	954	12.2	11,685	6.84	79,905	1952.....	37	13.8	515	12.00	6,180
1943.....	550	11.9	6,547	8.81	57,674	1953.....	44	13.4	586	11.90	6,973
1944.....	555	12.1	6,718	10.60	71,156	1954.....	54	12.7	687	( <sup>4</sup> )	( <sup>4</sup> )
1945.....	713	12.1	8,616	10.20	87,539	<b>Nebraska:</b>					
1946.....	802	13.2	10,582	11.10	117,840	1951.....	55	12.4	683	11.70	7,991
1947.....	879	14.2	12,503	11.80	148,080	1952.....	58	15.6	904	10.60	9,582
1948.....	694	13.6	9,424	10.60	99,639	1953.....	52	15.3	789	11.80	9,310
1949.....	687	14.8	10,196	10.80	110,369	1954.....	61	13.1	794	( <sup>4</sup> )	( <sup>4</sup> )
1950.....	925	14.6	13,535	11.20	151,293	<b>Ohio:</b>					
1951.....	691	15.2	10,482	11.70	122,483	1951.....	13	10.0	127	12.50	1,588
1952.....	665	15.3	10,169	12.00	121,970	1952.....	12	11.1	131	12.70	1,664
1953.....	745	16.2	12,084	11.60	140,364	1953.....	14	12.9	178	12.20	2,172
1954.....	878	16.0	14,027	11.10	155,700	1954.....	16	15.7	253	( <sup>4</sup> )	( <sup>4</sup> )
<b>California:</b>						<b>Utah:</b>					
1951.....	140	18.9	2,643	11.70	30,923	1951.....	26	15.7	403	11.80	4,755
1952.....	149	17.7	2,636	12.20	32,159	1952.....	20	12.7	260	12.20	3,172
1953.....	167	19.6	3,289	11.70	38,481	1953.....	27	16.2	435	11.50	5,002
1954.....	219	20.4	4,461	( <sup>4</sup> )	( <sup>4</sup> )	1954.....	34	15.0	502	( <sup>4</sup> )	( <sup>4</sup> )
<b>Colorado:</b>						<b>Wyoming:</b>					
1951.....	124	15.3	1,906	11.90	22,681	1951.....	31	14.0	438	11.80	5,168
1952.....	113	17.2	1,941	11.90	23,098	1952.....	34	13.8	468	11.20	5,242
1953.....	116	16.9	1,956	11.70	22,885	1953.....	34	14.9	504	11.30	5,695
1954.....	115	14.4	1,660	( <sup>4</sup> )	( <sup>4</sup> )	1954.....	36	13.3	479	( <sup>4</sup> )	( <sup>4</sup> )

<sup>1</sup> Season average price. Beginning 1934, excludes Government payments under Sugar Act. Price support payments for 1943-1945 included.

<sup>2</sup> Beets used by factories 1901 to 1912. <sup>3</sup> 4-year average. <sup>4</sup> Not available.

### No. 840.—SUGARCANE SIRUP—PRODUCTION, 1941 TO 1954, AND BY STATES, 1951 TO 1954

[Excludes sorghum, sometimes confused with sugarcane. See table 841 for molasses, a byproduct of sugar refineries not included in this table]

STATE AND YEAR	Cane harvested for sirup	Sirup produced	STATE AND YEAR	Cane harvested for sirup	Sirup produced
<b>All States:</b>	<i>Acres</i>	<i>1,000 gallons</i>	<b>Florida:</b>	<i>Acres</i>	<i>1,000 gallons</i>
1941.....	110,000	18,638	1951.....	6,000	960
1942.....	113,000	18,416	1952.....	5,000	725
1943.....	126,000	21,027	1953.....	6,000	1,080
1944.....	118,000	19,897	1954.....	7,000	840
1945.....	131,000	28,251	<b>Alabama:</b>		
1946.....	114,000	23,335	1951.....	6,000	480
1947.....	103,000	18,545	1952.....	5,000	450
1948.....	67,000	11,245	1953.....	5,000	450
1949.....	58,000	9,745	1954.....	5,000	375
1950.....	49,000	9,230	<b>Mississippi:</b>		
1951.....	33,000	6,040	1951.....	4,000	360
1952.....	29,000	6,005	1952.....	4,000	360
1953.....	27,000	5,575	1953.....	4,000	560
1954.....	28,000	4,795	1954.....	3,000	270
<b>Georgia:</b>			<b>Louisiana:</b>		
1951.....	8,000	1,360	1951.....	9,000	2,880
1952.....	7,000	1,190	1952.....	8,000	3,280
1953.....	7,000	1,260	1953.....	5,000	2,225
1954.....	6,000	720	1954.....	7,000	2,590

Source of tables 839 and 840: Department of Agriculture, Agricultural Marketing Service; annual summaries, *Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production*



# No. 841.—SUGARCANE, CANE SUGAR, AND MOLASSES—PRODUCTION IN CONTINENTAL UNITED STATES: 1925 TO 1954

[Tons are of 2,000 pounds. Data include Louisiana for all years, and Florida beginning 1928]

YEAR	Total acreage harvested for sugar and seed	Average yield of cane per acre for sugar and seed <sup>1</sup>	Total production for sugar and seed	Season average price per ton received by farmers <sup>2</sup>	Farm value of cane used for sugar and seed	SUGAR PRODUCED			MOLASSES MADE	
						Raw value <sup>3</sup>	Equivalent refined <sup>4</sup>	Sugar per ton of cane, raw value <sup>3</sup>	Black-strap <sup>5</sup>	Total <sup>6</sup>
	1,000 acres	Tons	1,000 tons	Dollars	\$1,000	1,000 tons	1,000 tons	Pounds	1,000 gallons	1,000 gallons
1925.....	236.0	14.0	3,293	4.05	13,337	142	133	107	12,171	17,783
1927.....	59.0	13.1	1,168	4.61	5,384	72	67	150	2,582	6,624
1928.....	146.8	14.4	2,115	3.85	8,153	136	127	145	5,817	13,669
1929.....	205.0	16.3	3,350	3.73	12,500	218	205	140	15,862	21,063
1930.....	203.5	15.5	3,153	3.31	10,430	215	201	148	14,234	19,089
1931.....	199.4	13.9	2,763	3.21	8,874	184	172	146	11,296	16,464
1932.....	241.9	14.9	3,599	2.98	10,741	265	248	160	13,472	18,934
1933.....	233.8	14.4	3,375	3.14	10,607	250	234	163	14,140	19,441
1934.....	262.6	15.1	3,955	2.33	9,211	262	245	148	16,692	22,686
1935.....	275.4	18.4	5,064	3.15	15,940	382	357	164	24,790	30,788
1936.....	264.2	22.2	5,867	3.67	21,526	438	410	162	33,495	38,793
1937.....	305.1	20.6	6,279	2.90	18,232	459	429	156	36,546	40,408
1938.....	315.9	22.7	7,174	2.70	19,400	584	546	173	42,117	45,814
1939.....	276.0	22.8	6,286	2.84	17,880	506	472	175	34,142	38,882
1940.....	271.9	15.9	4,313	2.86	12,355	332	311	172	22,171	24,970
1941.....	286.6	19.1	5,461	3.95	21,545	416	389	170	27,408	32,808
1942.....	315.7	18.5	5,837	4.39	25,650	458	428	170	29,154	36,887
1943.....	303.9	21.4	6,504	4.58	29,760	497	465	163	35,392	46,083
1944.....	294.3	20.9	6,144	4.95	30,393	437	409	153	36,178	43,100
1945.....	285.4	23.5	6,707	5.67	38,016	475	443	152	34,773	49,955
1946.....	310.9	19.2	5,962	6.61	39,431	425	397	154	27,947	41,536
1947.....	322.2	16.4	5,289	7.17	37,916	377	353	156	29,089	34,235
1948.....	334.6	20.2	6,768	5.77	39,040	477	446	152	43,359	47,376
1949.....	338.8	19.3	6,541	6.25	40,869	521	487	171	40,002	43,316
1950.....	333.5	20.8	6,944	7.80	54,153	564	527	174	45,095	49,434
1951.....	318.9	19.2	6,118	6.35	38,846	419	392	146	45,079	48,363
1952.....	338.7	22.5	7,605	6.94	52,802	605	566	169	52,573	56,650
1953.....	344.0	22.1	7,619	7.23	55,123	630	589	175	48,121	51,079
1954 (prel.).....	314.5	22.1	6,940	6.68	46,369	555	518	169	(?)	49,450

<sup>1</sup> Growth of 9 months in Louisiana and 12 months in Florida. Sugar campaign usually ends by December or early January in Louisiana and in Florida by March following season of growth.

<sup>2</sup> Prices exclude Government payments under the Sugar Act. Price support payments for 1943-45 included.

<sup>3</sup> Raw value equals 96° raw sugar as defined in Sugar Act of 1948; prior to 1929, calculated by the Agricultural Adjustment Administration Method. (S. R. Series 1, No. 1.)

<sup>4</sup> Calculated on basis that 100 pounds of raw sugar required to produce 93.46 pounds of refined sugar.

<sup>5</sup> Converted to 80° Brix beginning with 1934. Data for previous years as reported.

<sup>6</sup> Sirup production excluded. See table 840. <sup>7</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

Also published in *The World Sugar Situation*.

# No. 842.—SUGARCANE AND CANE SUGAR—PRODUCTION IN HAWAII: 1943 TO 1954

[Tons are of 2,000 pounds]

YEAR BEGINNING JAN. 1—	Total acres in cane	CANE USED FOR SUGAR			SUGAR MADE (1,000 tons)		Raw sugar 96° made per ton of cane (pounds)	Recovery of equivalent refined sugar from cane ground <sup>4</sup> (percent)
		Acres harvested	Production (1,000 tons)	Yield per acre (tons) <sup>1</sup>	Converted to 96° raw basis <sup>2</sup>	Equivalent refined <sup>3</sup>		
1943.....	220,928	113,754	8,185	72	886	828	216	10.11
1944.....	216,072	109,522	7,832	72	875	818	223	10.44
1945.....	211,331	103,173	7,371	71	821	768	223	10.41
1946.....	208,376	84,379	6,002	71	680	636	227	10.59
1947.....	211,624	113,020	7,942	70	872	815	220	10.26
1948.....	206,550	100,042	7,543	75	835	780	221	10.35
1949.....	213,354	108,794	8,046	74	956	893	238	11.10
1950.....	220,383	109,405	8,175	75	961	898	235	10.99
1951.....	221,212	109,494	8,477	77	996	931	235	10.98
1952.....	221,990	108,089	8,694	80	1,020	954	235	10.97
1953.....	221,542	108,337	9,004	83	1,099	1,027	244	11.41
1954.....	( <sup>5</sup> )	107,468	9,432	88	1,077	1,007	228	10.68

<sup>1</sup> Age of cane equals 18 to 24 months of growth. <sup>2</sup> See footnote 3, table 841. <sup>3</sup> See footnote 4, table 841.

<sup>4</sup> Based on tonnage of cane used. <sup>5</sup> Not available.

Source: Data collected by Department of Agriculture, Agricultural Marketing Service, through the Hawaiian Sugar Planters' Association. Published in annual report, *Agricultural Statistics*, and in *The World Sugar Situation*.

## No. 843.—CANE SUGAR—PRODUCTION IN PUERTO RICO: 1943 TO 1954

YEAR <sup>1</sup>	ACREAGE IN CANE		SUGARCANE HARVESTED		SUGAR PRODUCED, RAW VALUE <sup>2</sup>		Blackstrap molasses produced
	Grown	Harvested	Total	Per acre	Total	Per ton of cane	
	1,000 acres	1,000 acres	1,000 tons	Tons	1,000 tons	Pounds	1,000 gallons
1943.....	319	310	8,667	27.9	1,046	241	40,098
1944.....	313	280	5,600	20.0	729	260	28,144
1945.....	336	289	7,998	27.7	971	243	40,531
1946.....	352	303	7,539	24.9	916	243	38,454
1947.....	365	325	9,286	28.6	1,096	236	50,975
1948.....	369	336	9,541	28.4	1,116	234	55,056
1949.....	376	353	10,998	31.2	1,288	234	59,633
1950.....	382	367	10,615	28.9	1,299	245	49,522
1951.....	391	366	10,501	28.7	1,238	236	60,256
1952.....	423	392	12,537	32.0	1,372	219	61,961
1953.....	( <sup>3</sup> )	385	10,171	26.4	1,182	232	59,858
1954.....	( <sup>3</sup> )	367	10,880	29.7	1,204	221	61,585

<sup>1</sup> Grinding begins in January. About  $\frac{1}{3}$  of the crop is 18-month growth and  $\frac{2}{3}$  is 12-month growth.<sup>2</sup> As computed using formula provided in the Sugar Act of 1948. <sup>3</sup> Not available.Source: Department of Agriculture, Agricultural Marketing Service; compiled from data of Sugar Division, Commodity Stabilization Service, and Association of Sugar Producers of Puerto Rico; annual report, *Agricultural Statistics*. Also published in *The World Sugar Situation*.

## No. 844.—MAPLE SIRUP AND SUGAR—PRODUCTION, 1859 TO 1954, AND BY STATES, 1952 TO 1954

STATE AND YEAR	Trees tapped	Sugar made	Sirup made	Total product in terms of sugar <sup>1</sup>	STATE AND YEAR	Trees tapped	Sugar made	Sirup made	Total product in terms of sugar <sup>1</sup>
DECENNIAL CENSUS DATA					ANNUAL DATA—CON.				
United States:	Thou-sands	1,000 pounds	1,000 gallons	1,000 pounds	New Hampshire:	Thou-sands	1,000 pounds	1,000 gallons	1,000 pounds
1859.....	40,120	1,598	921	52,901	1952.....	248	6	55	446
1869.....	28,444	921		35,812	1953.....	253	8	48	392
1879.....	36,576	1,796		50,944	1954.....	250	6	68	550
1889.....	32,953	2,258		51,020	Vermont:				
1899.....	11,929	2,057		28,382	1952.....	2,900	53	664	5,365
1909.....	18,900	14,024	4,106	46,912	1953.....	2,784	42	482	3,898
1919.....	17,457	9,692	3,508	37,754	1954.....	2,840	54	721	5,822
1929.....	( <sup>2</sup> )	1,341	2,341	20,070	Massachusetts:				
1939.....	9,955	356	2,456	20,007	1952.....	149	11	34	283
1949.....	7,691	147	1,466	11,876	1953.....	146	7	32	263
ANNUAL DATA					1954.....	145	11	53	435
Total (10 States): <sup>3 4</sup>					New York:				
1942.....	10,046	560	2,987	24,456	1952.....	1,803	31	415	3,351
1943.....	9,444	463	2,613	21,367	1953.....	1,677	20	276	2,228
1944.....	8,891	458	2,630	21,498	1954.....	1,711	24	378	3,048
1945.....	7,657	202	1,025	8,402	Pennsylvania:				
1946.....	8,257	310	1,351	11,118	1952.....	414	27	102	843
1947.....	8,834	303	2,062	16,799	1953.....	356	14	84	686
1948.....	8,404	231	1,524	12,423	1954.....	399	40	137	1,136
1949.....	8,318	212	1,611	13,100	Ohio:				
1950.....	8,146	257	2,024	16,449	1952.....	466	1	145	1,161
1951.....	7,412	200	1,763	14,304	1953.....	419	1	126	1,009
1952.....	7,056	159	1,654	13,391	1954.....	402	1	123	985
1953.....	6,675	126	1,254	10,158	Michigan:				
1954.....	6,786	168	1,730	14,008	1952.....	500	7	115	927
Maine: <sup>3</sup>					1953.....	465	3	78	627
1952.....	135	11	29	243	1954.....	479	7	128	1,031
1953.....	128	8	15	128	Wisconsin:				
1954.....	128	7	27	223	1952.....	284	10	65	530
Maryland:					1953.....	287	20	80	660
1952.....	29	2	14	114	1954.....	310	16	64	528
1953.....	27	3	15	123	Minnesota:				
1954.....	29	2	21	170	1952.....	128	-----	16	128
					1953.....	133	-----	18	144
					1954.....	93	-----	10	80

<sup>1</sup> 1 gallon of sirup taken as equivalent to 8 pounds of sugar.<sup>2</sup> Not available.<sup>3</sup> Excludes production on nonfarm lands in Somerset County, Maine. <sup>4</sup> Beginning 1944, 11 States.Source: Census data—Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II. Annual data—Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*. Data also published in *Crops and Markets* and in annual summary, *Acreage, Yield, and Production of Principal Crops*.



## No. 845.—COFFEE, TEA, COCOA AND CHOCOLATE—IMPORTS: 1830 TO 1954

[Coffee and tea imports represent imports from foreign countries and from Territories and possessions into continental United States. Reexports of coffee represent exports from continental United States to foreign countries and outlying Territories and possessions. Cocoa and chocolate figures represent general imports through 1932, imports for consumption, thereafter]

YEARLY AVERAGE OR YEAR	COFFEE				TEA			COCOA AND CHOCOLATE <sup>1</sup>			
	Imports	Reex- ports	Net imports per capita	Aver- age import price	Net imports	Value	Net im- ports per capita	Imports	Value		
	1,000 lb.	1,000 lb.	Pounds	Cents per lb.	1,000 lb.	\$1,000	Pounds	1,000 lb.	\$1,000		
1830-----	51,488	3,125	2.99	8.2	6,873	1,532	0.54				
1840-----	94,996	18,698	5.04	9.0	16,883	4,067	0.99				
1850-----	145,273	15,481	5.58	7.7	28,200	3,982	1.21				
1851-1860-----	203,190	14,710	6.78	9.0	21,028	5,361	0.76				
1861-1870-----	173,290	8,229	4.66	10.8	32,394	8,969	0.91				
1871-1880-----	331,925	7,911	7.19	14.7	59,536	18,550	1.32	<sup>2</sup> 5,132	<sup>3</sup> 706		
1881-1890-----	513,039	24,725	8.52	10.8	76,534	15,071	1.34	13,504	1,891		
1891-1895-----	585,270	8,792	8.61	<sup>4</sup> 16.8	89,675	13,689	1.34				
1896-1900-----	761,715	21,819	10.07	8.9	86,217	11,357	1.17	<sup>5</sup> 29,408	<sup>5</sup> 4,120		
1901-1905-----	983,464	40,400	11.65	7.1	95,814	13,849	1.18	63,600	8,260		
1906-1910-----	931,644	15,325	10.29	7.9	93,595	15,211	1.05	102,304	13,418		
1911-1915-----	952,906	21,494	9.65	11.5	95,237	17,189	0.99	161,473	19,002		
1916-1920 <sup>6</sup> -----	1,227,523	67,347	11.20	13.5	106,988	22,528	1.03	346,623	45,430		
1921-1925-----	1,343,579	35,268	11.73	15.4	92,230	24,658	0.83	367,907	32,019		
1926-1930-----	1,498,291	24,222	12.30	18.9	88,654	26,604	0.74	429,338	47,044		
1931-1935-----	1,628,316	19,520	12.81	8.7	86,892	15,359	0.69	487,401	21,951		
1936-1940-----	1,905,417	17,774	14.52	7.3	89,558	19,858	0.69	622,802	33,563		
			Excl. mili- tary <sup>7</sup>	Incl. mili- tary <sup>8</sup>			Excl. mili- tary <sup>7</sup>	Incl. mili- tary <sup>8</sup>			
1941-1945-----	2,300,918	12,309	15.02	16.63	11.5	81,121	25,527	0.58	0.59	568,728	39,022
1946-1950-----	2,673,293	43,673	18.12	18.08	27.6	89,396	39,424	0.58	0.60	626,754	143,015
1949-----	2,918,604	27,010	18.68	19.09	27.2	92,638	44,952	0.59	0.61	652,110	128,552
1950-----	2,441,910	16,784	16.30	16.48	44.6	113,376	53,099	0.64	0.75	711,751	176,147
1951-----	2,687,251	20,097	16.52	17.35	50.5	85,928	40,033	0.65	0.65	661,166	211,200
1952-----	2,685,832	22,429	16.74	16.79	51.3	92,635	38,709	0.63	0.63	626,517	193,162
1953-----	2,787,082	29,456	16.89	16.92	52.7	107,517	47,140	0.67	0.67	639,791	185,467
1954-----	2,238,778	30,860	14.71	14.74	65.7	113,973	61,811	0.68	0.68	616,822	284,627

<sup>1</sup> Includes prepared except confectionery. <sup>2</sup> 3-year average. <sup>3</sup> 9-year average.

<sup>4</sup> Overvalued, due to depreciation of Brazilian paper milreis. <sup>5</sup> Average for period 1891-1900.

<sup>6</sup> Average, July 1, 1915, to Dec. 31, 1920.

<sup>7</sup> Represents civilian consumption per capita, calculation of which excludes amounts allotted to military population, and takes into account changes in stock.

<sup>8</sup> Includes civilian population and military population in the U. S. and abroad.

Source: Department of Commerce, Business and Defense Services Administration, from records of the Bureau of the Census.

## No. 846.—SILK AND SILK MANUFACTURES—IMPORTS AND EXPORTS: 1871 TO 1954

[Quantity in thousands of pounds; value in thousands of dollars, except average price per pound]

YEARLY AVERAGE OR YEAR <sup>1</sup>	UNMANUFACTURED SILK, IMPORTS <sup>2</sup>			SILK MANUFAC- TURES, VALUE		YEARLY AVERAGE OR YEAR <sup>1</sup>	UNMANUFACTURED SILK, IMPORTS <sup>2</sup>			SILK MANUFAC- TURES, VALUE	
	Quan- tity	Value	Aver- age price per pound	Im- ports <sup>3</sup>	Ex- ports (exclud- ing re- ex- ports) <sup>4</sup>		Quan- tity	Value	Aver- age price per pound	Im- ports <sup>3</sup>	Ex- ports (exclud- ing re- ex- ports) <sup>4</sup>
1871-1880-----	<sup>5</sup> 1,340	<sup>5</sup> 6,390	\$4.77	27,063	53	1946-1950-----	8,132	32,648	\$4.01	20,708	2,947
1881-1890-----	5,328	16,775	3.15	34,162	83	1944-----	33	29	.88	1,419	203
1891-1900-----	9,259	26,843	2.90	29,776	268	1945-----	1,793	2,046	1.14	2,668	250
1901-1905-----	15,798	45,968	2.91	32,215	425	1946-----	15,587	102,587	6.58	7,408	2,330
1906-1910-----	20,281	67,414	3.32	33,725	835	1947-----	3,182	16,078	5.05	12,981	7,274
1911-1915-----	30,190	82,703	2.74	28,306	2,210	1948-----	7,361	15,900	2.16	24,393	1,428
1916-1920-----	45,641	235,332	5.16	47,121	16,735	1949-----	3,986	7,527	1.89	24,877	1,720
1921-1925-----	62,030	356,287	5.74	40,941	12,992	1950-----	10,543	21,151	2.01	33,881	1,985
1926-1930-----	86,458	374,715	4.33	36,383	17,293	1951-----	7,226	21,090	2.92	37,478	2,145
1931-1935-----	74,569	115,883	1.55	8,595	5,954	1952-----	12,586	37,383	2.97	34,848	2,603
1936-1940-----	58,326	109,947	1.89	8,250	6,838	1953-----	7,865	28,320	3.60	34,944	2,220
1941-1945-----	5,521	13,021	1.18	2,228	1,702	1954-----	8,519	32,072	3.76	30,805	2,401

<sup>1</sup> Fiscal years through 1915; calendar years thereafter.

<sup>2</sup> General imports through 1932; imports for consumption thereafter.

<sup>3</sup> Includes artificial silk prior to 1911.

<sup>4</sup> Includes shipments under foreign aid programs such as UNRRA, Interim Aid, ECA, and MDAP (FOA); Civilian Supply shipments are included in 1948 and subsequent years only.

<sup>5</sup> Raw silk.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States* and records.

# No. 847.—SELECTED ANIMAL AND VEGETABLE FATS AND OILS—PRODUCTION, CONSUMPTION, AND STOCKS: 1953 AND 1954

[In thousands of pounds. Data cover factory operations only, and therefore exclude considerable quantities of lard, tallow, and grease produced on farms and by local butcheries and small renderers, and quantities consumed and held in homes, hotels, restaurants, bakeries, and quantities consumed and held by painters, building contractors, garages, etc. Stocks include amounts held by and in transit to producers, factory consumers, and public storages, but exclude amounts held in private storages by retailers, wholesalers, and jobbers]

PRODUCT	1953			1954 (prel.)		
	Production	Consumption	Stocks, Dec. 31	Production	Consumption	Stocks, Dec. 31
<b>VEGETABLE OILS</b>						
Cottonseed, crude.....	1,868,469	1,876,380	148,742	2,000,092	1,879,936	146,394
Cottonseed, refined.....	1,747,520	1,202,982	1,109,455	1,754,928	1,792,506	667,621
Peanut, crude <sup>1</sup> .....	58,179	59,021	3,742	68,986	64,830	5,771
Peanut, refined.....	55,042	34,627	5,672	60,570	38,811	6,212
Corn, crude.....	259,181	266,570	14,427	254,573	260,240	14,330
Corn, refined.....	245,436	230,496	4,153	239,171	224,166	4,314
Soybean, crude.....	2,515,497	2,497,720	126,060	2,377,885	2,336,045	109,016
Soybean, refined.....	2,308,334	2,227,154	82,193	2,170,256	2,176,978	66,755
Coconut, crude.....	422,277	528,951	<sup>2</sup> 66,970	432,058	553,312	<sup>2</sup> 68,733
Coconut, refined.....	340,904	301,488	13,843	357,391	322,602	10,344
Linseed, raw.....	503,108	510,507	521,297	651,479	481,134	186,697
Linseed, refined.....	221,440	253,226	36,344	214,008	229,879	35,685
Chinawood or tung.....	43,153	48,571	30,946	32,149	46,756	51,468
Castor No. 1, crude.....	50,740	60,221	<sup>2</sup> 35,914	44,637	55,840	<sup>2</sup> 16,651
Castor No. 3, crude.....	15,450	27,777	<sup>2</sup> 9,098	15,607	26,239	<sup>2</sup> 9,174
<b>ANIMAL FATS AND FISH OILS</b>						
Lard, rendered <sup>3</sup> .....	2,123,000	<sup>4</sup> 172,102	45,690	2,128,000	<sup>4</sup> 124,259	65,399
Lard, refined <sup>3</sup> .....	1,385,000	159,082	28,632	1,381,500	86,413	38,726
Tallow, edible.....	174,616	101,762	8,948	197,526	131,222	8,891
Tallow, edible, refined.....	13,538	13,712	787	16,773	35,474	1,119
Tallow, inedible.....	1,690,973	1,189,562	209,207	1,698,895	1,205,551	179,007
Tallow, inedible, refined.....	270,770	243,770	10,680	232,540	209,075	9,444
Grease, other than wool.....	598,330	405,727	80,339	581,200	319,202	73,480
Menhaden <sup>5</sup> .....	125,154	44,189	31,953	109,903	46,809	36,021
Sardine (pilchard) and herring <sup>6</sup> .....	4,629	27,245	8,399	4,323	21,182	7,869
<b>SECONDARY PRODUCTS</b>						
Winterized oil.....	609,813	335,922	27,862	741,929	402,965	33,088
Deodorized oil <sup>6</sup> .....	279,706	132,133	7,216	317,962	119,977	6,508
Hydrogenated oils and fats, edible:						
Vegetable:						
Cottonseed.....	446,112	440,654	20,588	748,278	706,856	23,907
Soybean.....	1,138,878	1,108,917	31,792	1,106,264	1,062,859	35,602
Other.....	61,240	42,520	2,582	83,874	57,703	2,779
Animal fats and oils.....	90,017	24,973	2,313	66,941	23,042	1,364
Shortening.....	1,674,702	7,641	93,926	1,961,246	7,278	122,760
Margarine.....	1,291,803	( <sup>7</sup> )	21,779	1,364,339	( <sup>7</sup> )	27,279
Hydrogenated oils and fats, inedible:						
Vegetable.....	( <sup>8</sup> )	17,588	1,513	11,795	19,738	977
Animal.....	37,543	37,315	2,984	34,736	42,328	2,912
Fish.....	( <sup>8</sup> )	23,191	1,935	( <sup>9</sup> )	22,533	1,221
Chemically dehydrated castor oil.....	17,361	16,958	4,819	17,513	16,600	4,093
Tall oil, crude.....	318,453	237,562	64,697	357,364	282,832	34,200
Tall oil, refined, including distilled and fractionated tall oil.....	119,147	79,600	16,220	134,358	83,644	12,122
Glycerin, crude (100% basis) <sup>9</sup> .....	214,997	246,629	15,041	207,092	222,756	11,980
Glycerin, high gravity and yellow distilled (100% basis).....	80,795	77,530	17,259	63,618	71,160	11,856
Glycerin, chemically pure (100% basis) <sup>9</sup> .....	157,179	101,824	27,689	151,648	109,210	18,523

<sup>1</sup> Data for production and stocks held at crude oil mill locations collected by Department of Agriculture.

<sup>2</sup> Data are on a commercial stocks basis and do not include figures for stockpiles of strategic oils.

<sup>3</sup> Data on production collected by U. S. Department of Agriculture.

<sup>4</sup> Excludes quantities used in refining.

<sup>5</sup> Data from fish oil producers were collected by Fish and Wildlife Service, U. S. Department of the Interior.

<sup>6</sup> Winterized-deodorized oil, hydrogenated-deodorized oil and cooking and salad oil not included.

<sup>7</sup> Data not available.

<sup>8</sup> Not shown to avoid disclosure of individual operations.

<sup>9</sup> Includes data for synthetic glycerin.

Source: Department of Commerce, Bureau of the Census; annual report, *Animal and Vegetable Fats and Oils* (Facts for Industry, Series M17-1).



No. 848.—DOMESTIC ANIMALS ON FARMS—NUMBER, BY KIND, BY STATES: 1950  
AND 1955

[In thousands. See also *Historical Statistics*, series E 117-126 and 152, for U. S. totals]

DIVISION AND STATE	HORSES		MULES		ALL CATTLE		MILK COWS		SHEEP AND LAMBS		HOGS AND PIGS	
	1950 (Apr. 1)	1955 (Jan. 1)	1950 (Apr. 1)	1955 (Jan. 1)	1950 (Apr. 1)	1955 (Jan. 1)	1950 (Apr. 1)	1955 (Jan. 1) <sup>1</sup>	1950 (Apr. 1)	1955 (Jan. 1)	1950 (Apr. 1)	1955 (Jan. 1)
United States.....	5,402	3,106	2,202	1,445	76,762	95,433	21,233	24,408	31,387	30,931	55,722	55,002
New England.....	74	48	1	-----	1,091	1,242	634	785	63	69	181	190
Maine.....	21	14	(2)	-----	205	238	102	123	23	27	28	26
New Hampshire.....	9	5	(2)	-----	110	118	57	71	7	9	13	10
Vermont.....	25	16	(2)	-----	408	479	247	320	11	10	13	11
Massachusetts.....	10	7	(2)	-----	180	190	113	127	10	13	96	114
Rhode Island.....	1	1	(2)	-----	24	29	16	21	2	2	7	6
Connecticut.....	8	5	(2)	-----	164	188	99	123	9	8	25	23
Middle Atlantic.....	265	143	15	7	3,876	4,538	2,193	2,724	425	428	989	880
New York.....	136	73	2	1	2,022	2,356	1,218	1,527	155	153	168	160
New Jersey.....	11	7	1	1	209	228	135	158	15	13	206	116
Pennsylvania.....	117	63	12	5	1,645	1,954	841	1,039	255	262	615	604
East North Central.....	775	385	43	20	12,181	14,759	5,308	6,145	2,844	3,233	16,282	16,824
Ohio.....	145	78	8	3	2,036	2,438	874	1,018	1,143	1,359	3,156	2,812
Indiana.....	113	50	14	6	1,781	2,054	656	624	493	466	4,520	4,566
Illinois.....	194	95	17	9	2,928	3,946	909	884	561	717	6,045	6,778
Michigan.....	103	50	2	1	1,696	2,003	794	963	388	418	690	818
Wisconsin.....	219	112	2	1	3,739	4,318	2,076	2,656	259	273	1,871	1,850
West North Central.....	1,552	681	98	31	22,169	28,723	5,202	5,394	4,813	6,261	23,269	24,602
Minnesota.....	257	102	3	1	3,110	3,939	1,354	1,496	655	961	3,285	3,668
Iowa.....	248	90	9	2	4,540	6,279	1,170	1,111	898	1,307	10,716	12,048
Missouri.....	326	126	63	20	3,281	3,910	933	1,034	1,160	803	3,912	3,610
North Dakota.....	151	89	1	1	1,588	1,937	387	426	386	549	342	401
South Dakota.....	171	87	2	1	2,513	3,301	345	340	889	1,254	1,365	1,524
Nebraska.....	210	103	7	2	3,629	5,016	460	442	314	778	2,360	2,453
Kansas.....	189	84	12	4	3,509	4,341	554	545	511	609	1,289	898
South Atlantic.....	444	310	727	513	5,449	7,154	1,767	2,158	996	764	5,105	4,935
Delaware.....	6	4	2	1	60	78	31	42	3	2	39	38
Maryland.....	40	20	8	5	431	540	204	278	50	45	245	215
District of Columbia.....	(2)	-----	(2)	-----	(2)	-----	(2)	-----	(2)	-----	1	-----
Virginia.....	133	92	62	48	1,199	1,382	419	474	454	327	797	658
West Virginia.....	86	60	6	4	588	611	204	229	422	311	197	165
North Carolina.....	89	64	263	190	698	933	333	391	50	53	1,231	1,154
South Carolina.....	24	18	147	105	370	492	141	178	4	4	598	525
Georgia.....	39	30	215	140	1,003	1,439	303	399	10	19	1,537	1,661
Florida.....	27	22	24	20	1,101	1,679	131	167	4	3	459	519
East South Central.....	530	374	880	625	6,052	7,516	2,131	2,496	1,442	1,120	4,833	3,869
Kentucky.....	199	135	158	112	1,652	1,861	636	687	982	688	1,530	1,129
Tennessee.....	144	105	226	180	1,561	1,771	638	714	368	308	1,366	1,012
Alabama.....	68	50	220	151	1,269	1,804	355	452	25	33	1,061	1,097
Mississippi.....	118	84	275	182	1,569	2,080	502	643	67	91	875	631
West South Central.....	861	530	405	227	12,921	14,955	2,112	2,416	8,042	5,693	3,448	2,355
Arkansas.....	151	81	133	73	1,153	1,485	379	456	50	47	753	426
Louisiana.....	120	92	113	71	1,285	1,787	276	377	91	132	628	410
Oklahoma.....	203	105	30	15	2,658	3,182	534	552	151	183	774	432
Texas.....	387	252	129	68	7,825	8,501	923	1,031	7,750	5,331	1,292	1,087
Mountain.....	653	464	21	15	8,290	10,367	714	837	9,423	10,278	788	638
Montana.....	141	98	2	1	1,758	2,441	111	108	1,337	1,741	106	125
Idaho.....	88	56	3	3	949	1,328	186	264	1,509	1,105	161	121
Wyoming.....	82	58	1	1	1,028	1,072	46	47	1,829	2,132	50	40
Colorado.....	117	74	4	2	1,776	2,054	169	183	1,657	1,702	282	190
New Mexico.....	82	61	4	3	1,138	1,140	52	52	1,197	1,271	69	52
Arizona.....	64	55	6	3	656	945	42	53	473	461	28	25
Utah.....	53	39	1	1	562	762	93	113	1,101	1,412	72	60
Nevada.....	27	23	1	1	424	625	14	17	321	454	20	25
Pacific.....	249	171	11	7	4,734	6,179	1,171	1,453	3,338	3,085	828	709
Washington.....	62	37	2	2	878	1,138	254	300	368	315	132	110
Oregon.....	72	48	3	2	1,099	1,458	204	244	913	689	157	138
California.....	115	86	7	3	2,757	3,583	713	909	2,057	2,081	539	461

<sup>1</sup> Represents cows and heifers 2 years old and over kept for milk.

<sup>2</sup> Less than 500.

Source: 1950 data, Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II. 1955 data, Department of Agriculture, Agricultural Marketing Service; *Livestock on Farms, Jan. 1*.

## No. 849.—LIVESTOCK ON FARMS—VALUE BY STATES: 1945 AND 1950

[In thousands of dollars. 1950 covers horses, mules, cattle, hogs, sheep, goats (7 States), chickens, and turkeys; 1945 excludes turkeys]

DIVISION AND STATE	1945	1950	DIVISION AND STATE	1945	1950
<b>United States</b> .....	<b>8, 472, 431</b>	<b>11, 667, 312</b>	<b>South Atlantic—Continued</b>		
<b>New England</b> .....	<b>176, 541</b>	<b>184, 394</b>	Virginia .....	126, 366	186, 708
Maine .....	27, 755	30, 393	West Virginia .....	52, 366	80, 663
New Hampshire .....	18, 974	18, 004	North Carolina .....	144, 248	146, 287
Vermont .....	51, 637	58, 493	South Carolina .....	71, 194	72, 268
Massachusetts .....	39, 292	40, 028	Georgia .....	132, 762	143, 680
Rhode Island .....	5, 523	5, 323	Florida .....	67, 956	101, 673
Connecticut .....	33, 360	32, 153	<b>East South Central</b> .....	<b>565, 149</b>	<b>801, 455</b>
<b>Middle Atlantic</b> .....	<b>617, 153</b>	<b>697, 864</b>	Kentucky .....	160, 584	257, 415
New York .....	319, 417	349, 391	Tennessee .....	147, 309	215, 817
New Jersey .....	52, 464	65, 467	Alabama .....	119, 595	154, 287
Pennsylvania .....	245, 272	283, 006	Mississippi .....	137, 661	173, 936
<b>East North Central</b> .....	<b>1, 642, 888</b>	<b>2, 158, 965</b>	<b>West South Central</b> .....	<b>1, 042, 842</b>	<b>1, 600, 372</b>
Ohio .....	262, 203	352, 495	Arkansas .....	100, 694	132, 709
Indiana .....	248, 861	331, 213	Louisiana .....	110, 874	147, 861
Illinois .....	435, 045	564, 483	Oklahoma .....	206, 952	300, 242
Michigan .....	206, 050	262, 834	Texas .....	624, 322	1, 019, 561
Wisconsin .....	490, 724	647, 941	<b>Mountain</b> .....	<b>775, 323</b>	<b>1, 264, 265</b>
<b>West North Central</b> .....	<b>2, 514, 968</b>	<b>3, 439, 576</b>	Montana .....	174, 633	253, 354
Minnesota .....	422, 294	535, 226	Idaho .....	97, 254	150, 086
Iowa .....	689, 958	889, 798	Wyoming .....	99, 886	178, 885
Missouri .....	329, 213	493, 729	Colorado .....	152, 086	261, 143
North Dakota .....	161, 368	201, 506	New Mexico .....	84, 650	162, 111
South Dakota .....	238, 962	364, 750	Arizona .....	55, 677	90, 105
Nebraska .....	357, 216	495, 180	Utah .....	69, 320	103, 817
Kansas .....	315, 957	459, 386	Nevada .....	41, 818	64, 764
<b>South Atlantic</b> .....	<b>657, 869</b>	<b>813, 089</b>	<b>Pacific</b> .....	<b>479, 698</b>	<b>707, 332</b>
Delaware .....	9, 175	9, 865	Washington .....	82, 279	118, 065
Maryland .....	53, 669	71, 893	Oregon .....	95, 592	141, 040
Dist. of Columbia .....	133	51	California .....	301, 826	448, 227

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II.



No. 850.—LIVESTOCK—NUMBER, VALUE PER HEAD, PRODUCTION, AND PRICES:  
1910 TO 1955

[See also *Historical Statistics*, series E 117-134]

YEAR	NUMBER ON FARMS AND VALUE PER HEAD									
	All cattle		Hogs (incl. pigs)		Stock sheep		Horses <sup>1</sup>		Mules <sup>1</sup>	
	Num- ber (1,000 head)	Value per head	Num- ber (1,000 head)	Value per head	Num- ber (1,000 head)	Value per head	Num- ber (1,000 head)	Value per head	Num- ber (1,000 head)	Value per head
DECENNIAL CENSUS DATA <sup>2</sup>										
1910 (Apr. 15).....	53,997	\$26.81	35,134	\$10.02	39,644	\$5.13	19,220	\$107.33	4,101	\$127.02
1920 (Jan. 1).....	66,640	54.80	59,346	16.66	35,034	11.29	19,767	90.15	5,432	143.45
1930 (Apr. 1).....	54,250	58.70	32,794	17.20	41,780	8.21	13,384	67.51	5,354	82.60
1940 (Apr. 1).....	60,675	42.82	34,037	8.36	40,129	5.99	10,087	75.92	3,845	113.46
1945 (Jan. 1).....	82,654	67.78	46,735	21.14	41,224	8.71	8,499	64.17	3,130	136.83
1950 (Apr. 1).....	76,762	119.02	55,722	19.70	31,387	17.69	5,402	49.50	2,202	95.28
ANNUAL DATA (JAN. 1)										
1940.....	68,309	40.60	61,165	7.78	46,266	6.35	10,444	77.30	4,034	116.00
1941.....	71,755	43.20	54,353	8.34	47,441	6.77	10,193	68.20	3,911	107.00
1942.....	76,025	55.00	60,607	15.60	49,346	8.66	9,873	64.70	3,782	107.00
1943.....	81,204	69.30	73,881	22.50	48,196	9.68	9,605	79.80	3,626	127.00
1944.....	85,334	68.40	83,741	17.50	44,270	8.68	9,192	78.60	3,421	143.00
1945.....	85,573	66.90	59,373	20.60	39,609	8.45	8,715	64.90	3,235	134.00
1946.....	82,235	76.20	61,306	24.00	35,525	9.57	8,081	57.50	3,027	133.00
1947.....	80,554	97.50	56,810	36.00	31,805	12.20	7,340	59.30	2,789	141.00
1948.....	77,171	117.00	54,590	42.90	29,486	15.00	6,704	55.70	2,575	133.00
1949.....	76,830	135.00	56,257	38.30	26,940	17.00	6,096	52.50	2,402	116.00
1950.....	77,963	124.00	58,852	27.20	26,182	17.80	5,548	46.00	2,233	99.10
1951.....	82,025	160.00	62,852	33.30	27,253	26.50	4,993	43.50	2,074	81.60
1952.....	87,844	179.00	63,582	30.00	28,050	28.00	4,330	45.80	1,913	72.40
1953.....	93,637	128.00	54,294	26.00	27,700	15.80	3,798	47.20	1,753	65.30
1954.....	94,787	92.40	48,560	36.70	27,101	13.90	3,401	48.90	1,599	61.10
1955 (prel.).....	95,433	88.80	55,002	30.60	26,979	14.90	3,106	53.00	1,445	62.30

LIVE WEIGHT PRODUCTION AND ANNUAL AVERAGE PRICE RECEIVED BY FARMERS,  
PER 100 POUNDS

YEAR	All cattle			Hogs		Sheep		
	Produc- tion <sup>3</sup> (1,000 lbs.)	Price, beef cattle	Price, veal calves	Produc- tion <sup>3</sup> (1,000 lbs.)	Price	Produc- tion <sup>3</sup> (1,000 lbs.)	Price, sheep	Price, lambs
1940.....	15,702,110	\$7.56	\$8.83	17,044,404	\$5.39	2,100,928	\$3.95	\$8.10
1941.....	17,029,460	8.82	10.30	17,489,485	9.09	2,251,390	5.06	9.58
1942.....	18,567,995	10.70	12.30	21,105,133	13.00	2,313,319	5.80	11.70
1943.....	19,159,375	11.90	13.30	25,374,715	13.70	2,107,891	6.57	13.00
1944.....	19,708,295	10.80	12.40	20,582,873	13.10	1,938,299	6.01	12.50
1945.....	19,517,065	12.10	13.00	18,843,444	14.00	1,911,980	6.38	13.10
1946.....	18,998,709	14.50	15.20	18,744,289	17.50	1,761,938	7.48	15.60
1947.....	19,129,845	18.40	20.40	18,159,250	24.10	1,566,857	8.39	20.50
1948.....	18,401,950	22.20	24.40	18,222,058	23.10	1,383,456	9.69	22.80
1949.....	19,274,489	19.80	22.60	19,457,476	18.10	1,277,713	9.27	22.40
1950.....	20,487,888	23.50	26.30	20,000,834	18.00	1,330,686	11.60	25.10
1951.....	21,889,259	28.70	32.00	21,307,974	20.00	1,350,892	16.00	31.00
1952.....	23,524,580	24.30	25.80	19,933,293	17.80	1,407,123	10.10	24.30
1953.....	25,596,754	16.30	16.80	17,460,526	21.40	1,433,892	6.66	19.30
1954.....	26,165,930	16.00	16.50	19,084,868	21.60	1,509,519	6.10	19.20

<sup>1</sup> Jan. 1 estimates include colts.

<sup>2</sup> Census figures for 1910 are for animals over 3½ months old; 1920, 1945, and 1950, animals of all ages; 1930, animals 3 months and over except sheep (6 months and over); 1940, animals over 3 months, except hogs (over 4 months) and sheep (over 6 months).

<sup>3</sup> Includes adjustment for livestock shipped in and inventory changes.

Source: Census data—Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. II. All other data—Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*, and annual *U. S. Livestock Reports*.

No. 851.—DOMESTIC ANIMALS—RECEIPTS AND SHIPMENTS, BY KIND, BY STOCKYARDS:  
1950 TO 1954

[In thousands. Total for all stockyards reporting covers about 65 stockyards]

ITEM AND YEAR	Total, all stock- yards report- ing	9 STOCKYARDS										All other stock- yards report- ing
		Total	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	St. Jo- seph	St. Louis Na- tional Stock Yards	Sioux City	South St. Paul	
CATTLE												
Receipts:												
1950-----	17,917	10,100	1,780	872	540	1,438	1,638	566	863	1,292	1,111	7,817
1951-----	17,016	9,463	1,623	936	590	1,176	1,667	566	831	1,198	878	7,553
1952-----	18,942	10,634	1,853	979	692	1,550	1,824	617	970	1,221	928	8,308
1953-----	22,374	12,546	2,298	1,017	997	1,597	2,162	773	1,224	1,321	1,157	9,828
1954-----	23,195	12,588	2,271	1,027	895	1,602	2,261	776	1,142	1,404	1,210	10,607
Shipments:												
1950-----	8,357	4,304	630	478	245	764	674	176	217	796	323	4,063
1951-----	9,009	4,975	713	551	334	675	883	228	464	808	319	4,034
1952-----	9,784	5,328	834	514	332	952	928	221	472	796	279	4,456
1953-----	(1)	5,247	1,046	421	329	798	917	223	448	784	281	(1)
1954-----	(1)	5,280	982	393	379	842	956	228	256	935	309	(1)
CALVES												
Receipts:												
1950-----	5,225	1,850	115	107	276	213	107	58	379	105	491	3,375
1951-----	4,722	1,781	106	115	349	173	115	69	356	91	406	2,941
1952-----	4,786	1,969	112	117	266	311	161	80	368	144	410	2,817
1953-----	5,630	2,193	122	137	306	344	160	92	450	106	476	3,437
1954-----	5,837	2,177	113	136	275	342	160	87	411	127	526	3,660
Shipments:												
1950-----	2,389	838	12	84	211	112	39	24	95	87	174	1,551
1951-----	2,346	934	14	99	266	105	40	40	121	79	170	1,412
1952-----	2,266	939	17	92	170	190	60	39	135	114	122	1,327
1953-----	(1)	834	18	94	124	175	52	35	145	65	126	(1)
1954-----	(1)	818	21	101	110	181	62	25	111	68	139	(1)
SHEEP AND LAMBS												
Receipts:												
1950-----	15,435	7,996	654	1,880	1,055	1,042	899	673	676	494	624	7,439
1951-----	13,718	6,678	523	1,726	860	556	853	609	535	503	512	7,040
1952-----	15,772	8,087	887	1,872	899	746	1,160	616	670	518	719	7,685
1953-----	15,960	7,833	835	1,776	954	684	955	667	627	578	757	8,127
1954-----	15,573	7,515	474	1,567	1,083	749	968	685	610	624	755	8,058
Shipments:												
1950-----	8,859	4,133	230	1,367	582	573	359	208	233	260	320	4,726
1951-----	8,229	3,877	171	1,379	426	367	381	251	300	309	293	4,352
1952-----	9,037	4,223	200	1,408	392	496	518	222	357	270	360	4,814
1953-----	(1)	3,314	210	1,198	284	415	286	152	209	217	343	(1)
1954-----	(1)	3,307	168	1,016	321	536	305	165	204	272	320	(1)
HOGS												
Receipts:												
1950-----	35,325	18,479	3,670	1,092	687	758	2,734	1,610	3,109	2,044	2,775	16,846
1951-----	38,722	20,872	3,907	1,301	781	835	3,164	2,020	3,535	2,373	2,955	17,850
1952-----	38,017	20,338	3,869	1,239	789	812	3,030	1,806	3,217	2,500	3,076	17,679
1953-----	29,638	15,955	3,187	716	540	576	2,296	1,494	2,705	1,925	2,516	13,683
1954-----	29,043	15,479	2,979	602	508	520	2,386	1,409	2,626	1,807	2,642	13,564
Shipments:												
1950-----	11,459	4,225	499	465	59	291	553	205	833	735	584	7,234
1951-----	12,773	5,422	501	609	67	306	681	374	1,429	835	620	7,351
1952-----	12,387	5,100	566	598	42	216	705	251	1,164	879	679	7,287
1953-----	(1)	3,448	528	175	20	145	551	223	693	619	494	(1)
1954-----	(1)	3,217	514	82	8	103	578	195	528	721	488	(1)
HORSES AND MULES												
Receipts:												
1950-----	137	37	(2)	2	9	16	(2)	1	4	4	1	100
1951-----	124	21	(2)	1	8	8	(2)	(2)	1	3	(2)	103
1952-----	84	9	(2)	1	4	1	-----	(2)	1	2	(2)	75
1953-----	65	7	1	1	3	1	-----	(2)	(2)	1	(1)	58
1954-----	52	3	(2)	1	1	1	-----	(2)	(2)	(2)	(2)	49

<sup>1</sup> Not available. <sup>2</sup> Less than 500 head.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.  
Data are published currently in mimeographed form.



## No. 852.—MEAT—SLAUGHTERING, PRODUCTION, AND PRICES: 1916 TO 1953

[Prices are simple averages of monthly prices at Chicago, except those for beef which are weighted average prices at Chicago. See also *Historical Statistics*, series E 136-151]

YEAR OR YEARLY AVERAGE	ANIMALS SLAUGHTERED (1,000 head)		Price (live weight) per cwt. (dollars)	Production, dressed weight (million pounds)	ANIMALS SLAUGHTERED (1,000 head)		Price (live weight) per cwt. (dollars)	Production, dressed weight (million pounds)
	Total <sup>1</sup>	Under Federal inspection			Total <sup>1</sup>	Under Federal inspection		
	BEEF <sup>2</sup>				VEAL			
1916-1920.....	15,025	9,838	12.91	6,897	7,633	3,399	14.35	764
1921-1925.....	13,974	8,979	9.13	6,617	9,259	4,556	9.78	910
1926-1930.....	12,860	8,932	11.82	6,209	8,133	4,759	13.07	830
1931-1935.....	<sup>3</sup> 13,364	<sup>3</sup> 8,799	7.44	<sup>4</sup> 6,618	<sup>3</sup> 8,885	<sup>3</sup> 5,175	7.08	959
1936-1940.....	<sup>3</sup> 15,110	<sup>3</sup> 10,001	9.97	7,051	9,580	5,693	9.91	1,030
1941-1945.....	18,766	12,696	14.41	8,977	11,359	6,244	14.36	1,351
1946-1950.....	19,759	13,249	26.20	9,571	12,036	6,596	31.40	1,407
1948.....	19,177	12,994	30.88	9,075	12,378	6,907	29.02	1,423
1949.....	18,765	13,222	25.80	9,439	11,398	6,449	27.64	1,334
1950.....	18,624	13,103	29.35	9,538	10,504	5,850	31.08	1,230
1951.....	17,100	11,879	35.72	8,843	8,913	4,985	37.19	1,061
1952.....	18,668	13,165	32.38	9,667	9,408	5,294	34.42	1,173
1953 (prel.).....	24,556	17,630	23.62	12,444	12,270	7,013	25.04	1,559
	PORK				LAMB AND MUTTON <sup>5</sup>			
1916-1920.....	63,179	39,608	14.78	7,947	14,055	11,056	15.05	536
1921-1925.....	69,569	46,269	9.04	8,520	15,454	11,891	13.53	596
1926-1930.....	67,991	45,335	10.23	8,550	17,648	14,010	13.54	688
1931-1935.....	<sup>3</sup> 65,740	<sup>3</sup> 41,435	5.57	8,248	<sup>3</sup> 22,099	<sup>3</sup> 17,405	7.37	864
1936-1940.....	63,109	39,130	8.06	8,162	21,724	17,427	9.64	870
1941-1945.....	83,026	54,765	13.14	11,609	24,992	21,240	13.89	1,029
1946-1950.....	75,049	50,224	20.46	10,541	17,178	15,154	23.83	743
1948.....	70,869	47,615	23.14	10,055	17,371	15,343	25.04	747
1949.....	74,997	53,032	18.12	10,286	13,780	12,136	25.54	603
1950.....	79,263	56,964	18.20	10,714	13,244	11,739	27.54	597
1951.....	85,581	62,054	20.12	11,483	11,416	10,056	34.31	521
1952.....	86,712	62,451	17.94	11,547	14,298	12,694	26.76	648
1953 (prel.).....	74,783	53,813	21.65	10,063	16,318	14,283	22.46	729

<sup>1</sup> Comprises inspected, noninspected, retail, and farm slaughter.

<sup>2</sup> Prices are for beef steers, all grades, excluding western.

<sup>3</sup> Excludes animals slaughtered under government account.

<sup>4</sup> Includes slaughter under Emergency Government Relief Purchase Program in 1934-1935.

<sup>5</sup> Prices are for lambs only; (sheep represent smaller part of animals slaughtered).

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*, and records.

## No. 853.—DOMESTIC ANIMALS—AVERAGE PRICES RECEIVED BY FARMERS AND AVERAGE CHICAGO MARKET PRICE, BY KIND: 1916 TO 1954

[Milk cows, dollars per head; others in dollars per 100 pounds, live weight. Prices are weighted calendar year averages, except those for milk cows at local markets, and calves, sheep, and lambs at Chicago, which are simple averages of monthly prices. See also *Historical Statistics*, series E 128, 129, 131, 133, 134, 139, 143, 147, and 151]

PERIOD	Milk cows at local market, per head	BEEF CATTLE <sup>1</sup>		CALVES, VEAL		SHEEP		LAMBS		HOGS	
		Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago	Local market	Chi-cago
1916-1920.....	79.50	8.77	12.91	11.00	14.35	8.81	10.25	11.90	15.05	13.54	14.78
1921-1925.....	56.30	5.91	9.13	7.96	9.78	6.24	7.02	10.15	13.53	8.24	9.04
1926-1930.....	79.56	8.21	11.82	10.61	13.07	6.76	6.57	11.01	13.54	9.65	10.23
1931-1935.....	40.18	4.74	7.44	5.72	7.08	2.87	2.81	5.67	7.37	5.08	5.57
1936-1940.....	57.16	6.81	9.97	8.09	9.91	3.94	4.04	7.97	9.64	7.65	8.06
1941-1945.....	98.68	10.86	14.41	12.28	14.36	5.96	6.45	11.98	13.89	12.58	13.14
1946-1950.....	170.20	19.66	26.20	21.82	25.92	9.29	9.85	21.28	23.83	20.16	20.46
1949.....	184.00	19.80	25.80	22.60	27.64	9.27	10.07	22.40	25.54	18.10	18.12
1950.....	198.00	23.30	29.35	26.30	31.08	11.60	12.19	25.10	27.54	18.00	18.20
1951.....	247.00	28.70	35.72	32.00	37.19	16.00	16.93	31.00	34.31	20.00	20.12
1952.....	243.00	24.30	32.38	25.80	34.42	10.10	9.42	24.30	26.76	17.80	17.94
1953.....	177.00	16.30	23.62	16.80	25.04	6.66	6.46	19.30	22.46	21.40	21.65
1954.....	149.00	16.00	24.23	16.50	23.07	6.10	5.79	19.20	21.15	21.60	21.32

<sup>1</sup> Chicago prices are for beef steers, all grades, excluding western.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

# No. 854.—MEATS AND LARD—PRODUCTION, FOREIGN TRADE, AND CONSUMPTION BY KIND: 1945 TO 1953

[All quantities, except per capita, in millions of pounds of carcass weight equivalent. Edible byproducts are excluded. Production of pork excluding lard comprises weight of dressed hog carcass less bead bones and less all carcass fat rendered into lard. Lard production represents rendered weight of lard, and lard exports represent rendered lard, including neutral lard. Federally inspected production omits production in Hawaii and Virgin Islands. Uninspected production is made up of farm and retail slaughter and all wholesale slaughter that is not Federally inspected. Commercial exports include commercial shipments to territories; they do not include USDA exports and shipments for Lend-Lease, UNRRA or other claimants, nor do they include shipments for military civilian feeding or voluntary relief feeding. Civilian consumption is calculated from production and foreign trade, with an allowance for changes in stocks, and with deduction of military takings, and of deliveries to USDA through 1947. See also *Historical Statistics*, series E 138, 142, 146, and 150 for total production of beef, veal, lamb and mutton, and pork]

ITEM AND YEAR	PRODUCTION			Exports of U. S. production	Imports for con- sumption	CIVILIAN CONSUMPTION	
	Total	Federally inspected	Unin- spected			Total	Per capita (pounds)
All meats (excluding lard):							
1945	23,691	15,359	8,332	75	130	18,742	143.2
1946	22,934	13,795	9,139	117	20	21,344	152.1
1947	23,338	16,236	7,102	312	64	22,142	153.1
1948	21,300	14,721	6,579	138	350	21,110	143.4
1949	21,662	15,632	6,030	136	242	21,330	142.6
1950	22,079	16,040	6,039	135	363	21,680	142.4
1951	21,908	15,886	6,022	157	526	20,802	135.8
1952	23,035	16,799	6,236	185	459	22,393	144.0
1953	24,795	18,186	6,609	167	409	24,312	153.6
Beef:							
1945	10,276	7,236	3,040	34	127	7,665	58.6
1946	9,373	5,661	3,712	35	19	8,533	60.8
1947	10,432	7,535	2,897	176	64	9,916	68.6
1948	9,075	6,433	2,642	44	341	9,153	62.2
1949	9,439	6,998	2,441	27	228	9,420	63.0
1950	9,538	7,051	2,487	21	322	9,517	62.5
1951	8,843	6,431	2,412	18	456	8,462	55.2
1952	9,667	7,157	2,510	29	382	9,518	61.2
1953	12,444	9,368	3,076	29	242	12,122	76.6
Veal:							
1945	1,664	823	841	3	1	1,536	11.7
1946	1,443	642	801	3	1	1,382	9.8
1947	1,605	904	701	17	1	1,545	10.7
1948	1,423	791	632	4	5	1,384	9.4
1949	1,334	746	588	2	7	1,311	8.8
1950	1,230	667	563	2	10	1,206	7.9
1951	1,061	583	478	2	12	1,005	6.6
1952	1,173	650	523	1	(1)	1,103	7.1
1953	1,559	881	678	2	(1)	1,498	9.5
Lamb and mutton:							
1945	1,054	913	141	4	-----	943	7.2
1946	968	850	118	4	-----	923	6.6
1947	799	717	82	12	(1)	762	5.2
1948	747	665	82	5	3	733	5.0
1949	603	536	67	3	4	606	4.0
1950	597	534	63	2	3	596	3.9
1951	521	465	56	1	7	517	3.4
1952	648	581	67	1	6	640	4.1
1953	729	644	85	2	3	735	4.6
Pork (excluding lard):							
1945	10,697	6,387	4,310	34	2	8,598	65.7
1946	11,150	6,642	4,508	75	(1)	10,506	74.9
1947	10,502	7,050	3,422	107	(1)	9,919	68.6
1948	10,055	6,832	3,223	85	1	9,840	66.8
1949	10,286	7,352	2,934	104	3	9,993	66.8
1950	10,714	7,788	2,926	110	33	10,361	68.1
1951	11,483	8,407	3,076	136	51	10,818	70.6
1952	11,547	8,411	3,136	154	71	11,132	71.6
1953	10,063	7,293	2,770	134	164	9,957	62.9
Lard:							
1945	2,066	1,311	755	559	(1)	1,622	11.5
1946	2,136	1,344	792	470	(1)	1,667	11.7
1947	2,402	1,722	680	387	(1)	1,904	12.4
1948	2,321	1,680	641	322	(1)	1,972	12.6
1949	2,534	1,923	611	663	(1)	1,892	11.7
1950	2,631	2,009	622	522	(1)	2,097	12.4
1951	2,864	2,225	639	742	(1)	2,104	12.1
1952	2,886	2,234	652	694	7	2,083	11.7
1953	2,368	1,812	556	476	(1)	2,023	11.2

<sup>1</sup> Less than 500,000 pounds.

Source: Department of Agriculture, Agricultural Marketing Service; *The Livestock and Meat Situation* and *The National Food Situation*.



# No. 855.—DAIRYING—COWS KEPT FOR MILK AND PRODUCTION AND PRICES OF DAIRY PRODUCTS: 1930 TO 1954

[See also *Historical Statistics*, series E 152-170]

ITEM	1930	1935	1940	1945	1950	1952	1953	1954
Cows and heifers, 2 yrs. old and over, kept for milk, Jan. 1, number.....1,000 head.....	23,032	26,082	24,940	27,770	23,853	23,369	24,094	24,675
Value per head.....	\$82.70	\$30.17	\$57.30	\$99.40	\$177.00	\$251.00	\$202.00	\$146.00
Milk produced on farms during year.....million lb.....	100,158	101,205	109,412	119,828	116,602	115,197	121,149	123,502
Whole milk sold from farms during year.....million lb.....	41,344	42,624	53,261	74,505	78,140	80,587	87,484	90,577
Production of dairy products:								
Butter, total <sup>2</sup> .....1,000 lb.....	2,149,149	2,210,619	2,239,516	1,699,407	1,647,810	1,417,180	1,629,414	1,660,590
Factory.....do.....	1,625,864	1,671,509	1,836,826	1,363,717	1,386,290	1,188,170	1,411,814	1,449,180
Farm.....do.....	523,285	539,110	402,690	335,690	261,520	229,010	217,600	211,410
Cheese, factory <sup>3</sup> .....do.....	509,610	628,113	785,490	1,116,772	1,191,487	1,170,262	1,344,836	1,353,500
Evaporated and condensed milk (unskimmed).....1,000 lb.....	1,761,399	2,031,615	2,730,778	4,125,580	3,205,382	3,164,800	2,878,245	2,874,800
Ice cream <sup>4</sup> .....1,000 gal.....	255,439	219,134	318,088	477,162	554,351	592,705	602,734	591,930
Milk equivalent of manufactured dairy products <sup>5</sup> .....million lb.....	55,561	57,851	62,767	61,631	60,330	55,819	48,480	49,349
Wholesale prices:								
Wisconsin Cheese Exchange, twins or cheddars, cents per lb.....	16.4	14.3	14.3	23.2	30.8	38.7	35.7	32.3
Butter, N. Y. (Grade A) cents per lb.....	36.5	29.8	29.5	42.8	62.2	73.0	66.6	60.5
Prices received by farmers:								
Butter, per pound.....cents.....	36.3	26.7	26.6	45.3	56.8	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Butterfat in cream, per pound.....cents.....	34.5	28.1	28.0	50.3	62.0	74.9	66.4	58.3
Whole milk:								
Wholesale, per 100 lb.....	\$2.21	\$1.72	\$1.82	\$3.19	\$3.89	\$4.85	\$4.31	\$3.96
Retail, per quart.....cents.....	11.3	9.8	10.3	13.4	18.5	20.8	20.8	28.5

<sup>1</sup> Comprises sales to plants and dealers, and retail deliveries by farmers direct to consumer.<sup>2</sup> Includes whey butter.<sup>3</sup> Excludes cottage, pot, bakers', and full skim American-type.<sup>4</sup> Includes data for ice cream made by counter freezers and by other small retailers.<sup>5</sup> Based on State data net. Includes whole milk equivalent of farm butter.<sup>6</sup> Series discontinued.Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

# No. 856.—ANIMALS BUTCHERED AND ANIMALS SOLD ALIVE—FARMS REPORTING, NUMBER, AND VALUE, BY KIND: 1949

ITEM	Cattle and calves, total	Cattle	Calves	Hogs and pigs	Sheep and lambs	Horses and mules
ANIMALS BUTCHERED						
Farms reporting.....	960,487	461,302	536,064	3,086,720	<sup>1</sup> 22,348	( <sup>2</sup> )
Number (thousands).....	1,267	557	710	7,369	<sup>1</sup> 187	( <sup>2</sup> )
ANIMALS SOLD ALIVE						
Farms reporting.....	2,982,616	1,868,166	2,310,938	2,097,807	271,552	256,149
Number (thousands).....	36,319	20,692	15,627	65,512	20,003	622
Value (thousands of dollars).....	4,297,320	3,374,007	923,313	2,385,737	341,304	39,955

<sup>1</sup> Totals for Mountain and Pacific States and Texas.<sup>2</sup> Not available.

# No. 857.—SPECIFIED LIVESTOCK PRODUCTS—QUANTITY AND VALUE, BY KIND: 1944 AND 1949

PRODUCT	FARMS REPORTING		Unit of quantity	QUANTITY (1,000)		VALUE (\$1,000)	
	1944	1949		1944	1949	1944	1949
Any dairy products sold.....	2,472,709	2,006,831				2,531,408	3,079,132
Whole milk sold.....	1,163,218	1,096,650	Lb.....	65,221,989	68,529,441	2,124,726	2,716,151
Cream sold (butterfat content).....	1,176,457	862,128	Lb.....	804,750	582,398	390,765	352,552
Butter, buttermilk, skim milk, and cheese sold.....	217,135	120,570	Lb.....	35,042	( <sup>1</sup> )	<sup>2</sup> 15,917	10,428
Wool shorn.....	401,634	285,534	Lb.....	279,979	178,753	118,282	88,813
Chicken eggs sold.....	( <sup>1</sup> )	2,420,718	Doz.....	( <sup>1</sup> )	2,409,647	( <sup>1</sup> )	1,008,401
Chickens sold.....	( <sup>1</sup> )	1,713,435	No.....	( <sup>1</sup> )	588,185	( <sup>1</sup> )	567,627
Turkeys raised.....	193,540	162,244	No.....	27,202	36,434	159,690	( <sup>1</sup> )

<sup>1</sup> Not available. <sup>2</sup> Butter sold.Source of tables 856 and 857: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1960*, Vol. II.

## No. 858.—DAIRY PRODUCTS MANUFACTURED—QUANTITY, BY KIND: 1948 TO 1953

[See also *Historical Statistics*, series E 157, 159, and 162]

PRODUCT	1948	1949	1950	1951	1952	1953
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Creamery butter (incl. whey butter)-----	1, 210, 324	1, 412, 111	1, 386, 408	1, 202, 981	1, 188, 170	1, 411, 814
Renovated or process butter-----	1, 090	1, 419	1, 306	903	( <sup>1</sup> )	( <sup>1</sup> )
American cheese:						
Whole milk-----	854, 447	935, 206	892, 706	873, 458	849, 817	1, 021, 492
Part skim-----	3, 987	769	2, 319	888	1, 309	1, 417
Full skim-----	1, 754	1, 251	1, 774	1, 302	896	749
Swiss cheese (including block)-----	70, 665	81, 043	99, 483	92, 049	108, 032	103, 780
Brick and Munster cheese-----	26, 506	30, 376	30, 148	31, 880	33, 821	36, 717
Limburger cheese-----	7, 358	7, 180	6, 003	6, 539	6, 091	5, 752
Cream cheese and Neufchatel-----	56, 816	58, 495	68, 753	73, 563	78, 139	78, 285
All Italian varieties of cheese-----	43, 579	54, 863	61, 704	57, 215	60, 875	68, 417
All other varieties of cheese-----	35, 008	31, 510	30, 371	25, 712	32, 178	28, 976
Condensed milk (sweetened):						
Skimmed-----	239, 652	215, 295	210, 728	208, 770	166, 806	133, 653
Unskimmed-----	171, 837	148, 081	101, 183	101, 638	102, 157	94, 367
Unsweetened condensed milk (plain):						
Skimmed-----	494, 036	537, 668	523, 182	487, 157	510, 102	576, 549
Unskimmed-----	200, 485	202, 851	221, 724	230, 143	222, 607	230, 127
Evaporated milk, unskimmed (unsweetened)---	3, 382, 893	2, 755, 780	2, 882, 475	2, 896, 386	2, 840, 036	2, 553, 751
Concentrated skim milk (for animal feed)---	22, 633	13, 873	12, 071	9, 124	7, 546	7, 129
Condensed or evaporated buttermilk (including concentrated product)---	170, 954	178, 383	183, 470	174, 652	154, 452	132, 454
Dry buttermilk-----	41, 839	49, 359	48, 837	45, 467	47, 067	57, 147
Dry whole milk-----	170, 087	125, 541	124, 986	131, 017	101, 732	104, 352
Nonfat dry milk solids <sup>2</sup> -----	694, 677	956, 178	898, 896	716, 775	888, 526	1, 232, 962
Dry cream-----	312	178	459	1, 070	874	717
Dry whey-----	125, 185	159, 358	155, 579	139, 946	164, 105	174, 656
Dry casein (skim milk or buttermilk product)---	14, 372	18, 348	18, 531	21, 620	7, 482	5, 532
Malted milk powder-----	31, 361	25, 369	30, 710	33, 391	29, 811	32, 482
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Ice cream of all kinds <sup>3</sup> -----	576, 484	558, 054	554, 351	568, 849	592, 705	602, 734
Sherbets (does not include water ices)-----	12, 211	13, 616	17, 018	20, 469	25, 637	30, 941
Ice milk-----	19, 362	29, 526	36, 870	45, 804	53, 702	63, 745
Other frozen dairy products <sup>4</sup> -----	4, 986	6, 754	8, 230	8, 945	9, 172	9, 371

<sup>1</sup> Not available.<sup>2</sup> Includes dry skim milk for animal feed.<sup>3</sup> Includes data for ice cream made by counter freezers and by other small retailers.<sup>4</sup> Beginning 1949, change in question resulted in reporting of additional products.Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Production of Manufactured Dairy Products*; also published in annual report, *Agricultural Statistics*.



# No. 859.—POULTRY—NUMBER ON FARMS, VALUE, EGGS PRODUCED AND. PRICES: 1930 TO 1953

[See also *Historical Statistics*, series E 171-180]

YEAR	CHICKENS				EGGS		TURKEYS			
	Number, Jan. 1	Value per head, Jan. 1	Number pro- duced	Price per pound <sup>1</sup>	Number pro- duced	Price per dozen <sup>1</sup>	Number, Jan. 1	Value per head, Jan. 1	Number pro- duced	Price per pound <sup>1</sup>
	<i>1,000</i>	<i>Dollars</i>	<i>1,000</i>	<i>Cents</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000</i>	<i>Dollars</i>	<i>1,000</i>	<i>Cents</i>
1930.....	468,491	0.928	714,380	18.4	39,067	23.7	5,969	3.00	17,052	20.2
1935.....	389,958	.544	597,769	14.9	33,609	23.4	5,499	2.18	20,487	20.1
1940.....	438,288	.605	555,563	13.9	39,707	18.0	8,569	2.14	33,572	15.2
1941.....	422,841	.654	664,115	16.3	41,894	23.5	7,193	2.26	32,497	19.9
1942.....	476,935	.833	751,843	19.8	48,610	30.0	7,485	3.08	32,359	27.5
1943.....	542,047	1.04	913,707	25.3	54,547	37.1	6,600	4.47	31,854	32.7
1944.....	582,197	1.18	724,871	24.9	58,537	32.5	7,429	5.33	35,170	33.9
1945.....	516,497	1.21	799,102	27.0	56,221	37.7	7,082	5.79	42,470	33.7
1946.....	523,227	1.27	646,490	29.0	55,962	37.6	7,862	5.75	39,746	36.3
1947.....	467,217	1.44	635,729	28.2	55,384	45.3	5,879	6.54	33,693	36.5
1948.....	449,644	1.44	536,107	32.3	54,899	47.2	3,959	6.97	31,346	46.8
1949.....	430,876	1.66	622,833	26.6	56,154	45.2	4,622	8.80	41,019	35.2
1950.....	456,549	1.36	550,593	24.9	58,734	36.3	5,124	6.34	43,533	32.8
1951.....	442,657	1.46	577,827	27.1	59,265	47.8	5,091	6.48	52,228	37.4
1952.....	449,925	1.53	524,641	26.2	60,985	41.6	5,822	6.99	60,650	33.6
1953.....	429,731	1.41	524,855	25.3	61,704	47.6	5,305	6.16	56,316	33.6

<sup>1</sup> Average annual price received by farmers.Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

## No. 860.—PROCESSING OF EGGS AND POULTRY: 1935 TO 1954

[In thousands of pounds]

YEAR	DRIED EGGS PRODUCED			Liquid eggs used for immediate consump- tion	Frozen eggs produced	Poultry for sale certified for evis- ceration under U.S. Govt. inspec- tion <sup>1</sup>	Canned poultry <sup>1</sup>
	Whole	Albumen	Yolk				
1935.....	61	133	2,806	-----	-----	-----	-----
1936.....	126	267	1,093	-----	-----	-----	-----
1937.....	74	541	1,776	-----	-----	-----	-----
1938.....	179	1,510	4,313	10,400	116,100	8,264	-----
1939.....	184	2,305	7,550	12,089	177,144	20,202	-----
1940.....	392	1,916	5,179	12,646	189,578	26,181	-----
1941.....	31,241	4,391	9,648	18,765	237,182	31,335	-----
1942.....	226,127	2,253	7,269	21,429	<sup>2</sup> 257,631	59,241	-----
1943.....	252,903	2,093	6,976	26,317	<sup>2</sup> 412,615	94,517	89,763
1944.....	311,369	2,310	7,063	32,844	<sup>2</sup> 511,791	79,349	131,801
1945.....	96,988	1,710	7,164	18,704	<sup>2</sup> 397,579	113,175	146,587
1946.....	115,344	2,112	7,988	20,031	<sup>2</sup> 392,218	155,576	125,197
1947.....	80,037	1,493	4,031	15,817	<sup>2</sup> 371,096	121,487	87,552
1948.....	36,019	2,678	5,578	16,901	<sup>2</sup> 345,192	149,673	146,993
1949.....	69,411	2,266	4,285	18,828	<sup>2</sup> 318,327	212,853	128,231
1950.....	86,993	3,605	2,820	20,115	<sup>2</sup> 354,148	337,909	152,049
1951.....	10,525	3,789	3,286	18,340	<sup>2</sup> 339,537	525,798	170,774
1952.....	2,717	6,552	8,069	18,404	<sup>2</sup> 320,352	700,300	193,790
1953.....	5,322	5,936	8,263	21,094	<sup>2</sup> 343,064	811,674	185,328
1954.....	2,942	9,287	10,300	31,031	<sup>2</sup> 361,184	913,486	230,061

<sup>1</sup> Dressed weight.<sup>2</sup> Includes amounts which were later dried: 115,752,000 pounds for 1942; 159,346,000 for 1943; 179,146,000 for 1944; 122,167,000 for 1945; 84,219,000 for 1946; 20,538,000 for 1947; 25,311,000 for 1948; 32,395,000 for 1949; 32,134,000 for 1950; 23,220,000 for 1951; 32,400,000 for 1952; 34,499,000 for 1953; 28,139,000 for 1954. Also included in dried figures for each year.Source: Department of Agriculture, Agricultural Marketing Service, annual report, *Agricultural Statistics*.

No. 861.—POULTRY AND EGGS—FARM AND COMMERCIAL PRODUCTION, BY STATES:  
1947-51 AVERAGE, AND 1954

[Eggs in millions; other figures in thousands]

DIVISION AND STATE	EGGS PRODUCED ON FARMS		CHICKENS RAISED ON FARMS		COMMERCIAL BROILERS PRODUCED		TURKEYS RAISED		CHICKS HATCHED BY COMMERCIAL HATCHERIES	
	1947-51 avg.	1954	1947-51 avg.	1954	1947-51 avg.	1954	1947-51 avg.	1954	1947-51 avg.	1954
<b>United States</b> .....	56,887	65,375	667,641	620,097	526,081	1,059,784	40,610	63,636	1,475,518	1,860,615
<b>New England</b> .....	2,646	3,252	27,840	34,462	38,473	85,497	1,030	1,802	112,747	136,905
Maine.....	496	716	5,811	7,808	11,976	30,677	79	449	12,475	30,565
New Hampshire.....	405	502	4,940	6,455	3,484	7,334	110	148	32,077	27,061
Vermont.....	164	183	1,740	1,563	413	623	122	128	1,641	999
Massachusetts.....	893	974	8,314	8,522	9,996	20,416	441	684	29,436	25,614
Rhode Island.....	97	106	945	1,129	675	1,348	44	53	2,008	1,870
Connecticut.....	591	771	6,090	8,980	11,930	25,099	234	340	35,110	50,796
<b>Middle Atlantic</b> .....	7,000	9,664	69,308	71,729	24,494	39,564	2,654	3,236	123,742	151,192
New York.....	2,083	2,469	20,063	18,303	6,892	8,518	761	942	25,774	28,192
New Jersey.....	1,843	2,987	14,454	16,280	6,698	8,232	315	371	34,097	44,720
Pennsylvania.....	3,074	4,208	34,791	37,146	10,904	22,814	1,578	1,923	63,871	78,289
<b>East North Central</b> .....	11,661	13,247	127,255	122,980	45,951	85,492	4,915	8,324	297,676	289,989
Ohio.....	2,570	3,009	27,285	24,830	5,234	13,264	1,281	2,366	59,180	58,900
Indiana.....	2,436	3,035	28,438	28,173	21,708	36,368	1,088	2,097	96,190	111,718
Illinois.....	2,867	3,283	31,607	29,197	11,582	15,059	870	926	92,949	68,698
Michigan.....	1,524	1,726	18,795	18,980	1,788	3,772	852	1,152	26,192	25,406
Wisconsin.....	2,265	2,194	21,130	21,800	5,639	17,029	823	1,783	23,165	25,267
<b>West North Central</b> .....	16,304	17,053	179,641	162,623	22,653	50,091	10,169	16,180	318,638	310,770
Minnesota.....	3,727	4,043	32,032	29,651	2,023	3,311	3,751	7,783	56,637	55,000
Iowa.....	4,465	4,929	48,245	42,927	5,013	10,394	2,631	4,224	82,008	78,340
Missouri.....	2,702	2,592	31,855	28,548	11,012	28,488	1,570	1,523	94,300	97,838
North Dakota.....	521	572	6,981	7,070	-----	-----	518	546	5,550	5,672
South Dakota.....	1,133	1,284	14,199	13,750	-----	-----	291	468	15,204	16,560
Nebraska.....	1,792	1,834	23,238	20,497	2,987	5,248	781	868	29,469	28,490
Kansas.....	1,964	1,799	23,091	20,180	1,618	2,650	625	768	35,470	28,870
<b>South Atlantic</b> .....	4,904	5,710	70,081	64,034	254,696	451,501	4,938	11,995	322,869	481,145
Delaware.....	138	140	1,850	1,555	68,988	69,820	118	1,277	49,382	51,026
Maryland.....	514	553	5,916	5,402	47,281	58,367	406	708	72,794	66,317
Virginia.....	1,134	1,127	11,519	10,723	34,863	59,332	2,048	5,163	49,967	73,248
West Virginia.....	502	494	4,855	4,003	13,277	25,434	754	1,687	7,963	11,292
North Carolina.....	1,192	1,426	19,040	17,008	23,645	58,349	513	1,209	46,327	77,623
South Carolina.....	415	548	8,662	6,898	6,812	13,992	658	1,384	9,278	13,772
Georgia.....	691	942	12,893	12,688	51,777	154,471	315	372	71,813	157,867
Florida.....	318	480	5,346	5,757	8,053	11,736	125	195	15,346	30,000
<b>East South Central</b> .....	3,572	3,692	61,169	50,151	27,066	107,431	712	893	54,467	127,581
Kentucky.....	1,235	1,280	18,601	15,520	1,542	7,884	277	390	11,437	19,520
Tennessee.....	1,033	966	16,897	13,677	3,460	11,500	167	180	13,519	21,965
Alabama.....	686	749	13,254	11,096	10,210	47,739	161	208	14,692	40,350
Mississippi.....	617	697	12,417	9,858	11,854	40,308	108	115	14,819	45,746
<b>West South Central</b> .....	4,987	5,093	70,904	54,534	71,242	169,129	3,645	4,887	116,454	199,496
Arkansas.....	677	728	12,407	10,083	39,801	78,525	297	1,082	26,439	73,645
Louisiana.....	371	403	8,565	6,679	2,251	12,039	74	112	5,977	9,551
Oklahoma.....	1,202	1,018	16,029	12,047	2,411	6,775	507	664	20,830	16,300
Texas.....	2,737	2,944	33,903	25,725	26,778	71,790	2,767	3,029	63,208	100,000
<b>Mountain</b> .....	1,645	1,696	21,301	17,490	2,913	5,947	3,032	3,556	18,283	18,572
Montana.....	231	240	3,548	3,578	-----	-----	124	134	2,248	2,585
Idaho.....	272	299	3,456	3,150	318	1,332	206	110	3,438	4,482
Wyoming.....	103	109	1,217	1,102	-----	-----	122	60	441	309
Colorado.....	398	387	5,617	5,194	1,337	2,210	703	795	7,212	6,137
New Mexico.....	124	128	1,609	1,082	-----	-----	62	58	985	636
Arizona.....	77	88	955	851	833	535	85	98	1,323	1,270
Utah.....	410	421	4,538	2,295	424	1,870	1,701	2,289	2,544	3,153
Nevada.....	29	24	362	238	-----	-----	29	12	92	-----
<b>Pacific</b> .....	4,168	5,968	40,142	42,094	38,593	65,132	9,516	12,763	110,643	144,965
Washington.....	707	834	8,631	7,618	4,790	9,590	1,068	998	19,707	23,008
Oregon.....	496	557	5,675	5,044	3,515	5,525	1,842	1,767	11,720	15,214
California.....	2,965	4,577	25,836	29,432	30,287	50,017	6,606	9,998	79,216	106,743

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.



# No. 862.—ANIMAL PRODUCTS AND FISH—COLD-STORAGE HOLDINGS, BY KIND, BY MONTHS: 1950 TO 1954

In thousands of pounds, except shell eggs in thousands of 30-dozen cases, and "all meats" in millions of pounds. Quantities are net weights and are as of 1st of each month. Beef and pork figures cover frozen, cured, and in process of cure]

PRODUCT AND YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Creamery butter:</b>												
1950-----	113,993	103,657	92,886	93,489	109,020	136,867	185,167	230,063	239,398	234,111	208,228	159,873
1951-----	105,192	75,329	52,507	33,378	32,207	42,590	72,598	104,405	116,790	113,501	94,611	59,349
1952-----	27,051	13,374	7,879	6,505	10,522	30,821	68,616	99,751	111,400	111,319	102,177	83,951
1953-----	72,723	85,737	99,557	132,790	149,876	193,609	257,447	309,894	334,853	323,077	311,574	260,598
1954-----	281,702	294,047	304,233	346,542	375,584	411,810	468,453	503,921	508,476	488,618	463,183	423,347
<b>American cheese:</b>												
1950-----	168,670	159,906	149,004	141,946	153,135	186,062	229,785	256,395	287,977	292,421	276,930	233,733
1951-----	187,157	155,117	137,397	130,655	144,441	169,553	204,009	227,199	233,788	239,500	229,561	204,683
1952-----	194,784	167,824	142,945	133,815	139,705	164,654	192,920	211,477	222,933	231,503	225,317	210,029
1953-----	205,178	194,286	186,776	201,425	231,524	279,886	339,812	385,445	410,733	426,383	416,095	400,983
1954-----	401,168	397,990	396,344	426,049	460,566	494,770	538,051	572,290	578,765	580,089	564,533	549,511
<b>All varieties of cheese:</b>												
1950-----	188,653	176,821	163,922	158,134	171,553	208,986	254,246	280,948	316,661	326,907	310,240	261,259
1951-----	212,493	179,577	160,621	155,095	169,822	197,412	234,608	262,540	269,564	272,053	259,415	232,968
1952-----	222,136	193,272	166,040	155,195	158,949	185,927	217,604	239,632	253,563	262,467	256,885	242,509
1953-----	238,803	227,499	218,371	232,255	262,606	313,276	373,855	420,281	445,575	460,488	448,787	432,325
1954-----	432,008	427,464	424,467	450,299	487,209	521,763	567,541	607,993	613,238	613,146	595,953	579,933
<b>Cream (fluid and plastic):</b>												
1950-----	12,348	8,276	5,385	5,040	6,234	12,198	18,496	19,093	18,004	16,307	14,619	9,595
1951-----	6,490	5,674	4,845	6,351	13,242	29,160	48,376	49,983	45,746	39,549	32,454	23,971
1952-----	16,115	10,490	5,545	4,097	8,502	27,503	42,490	46,702	46,532	42,460	37,364	30,717
1953-----	22,948	16,466	10,699	8,066	10,746	22,442	32,759	31,800	29,010	21,444	18,615	14,031
1954-----	9,844	7,967	5,861	4,855	7,244	17,261	25,653	24,625	22,248	18,035	14,791	9,125
<b>Shell eggs:</b>												
1950-----	110	380	735	1,296	2,147	3,412	3,667	3,163	2,568	1,558	502	61
1951-----	34	75	159	309	973	2,083	2,427	2,270	1,615	958	527	230
1952-----	141	238	942	1,596	2,184	3,184	3,357	2,728	2,169	1,709	1,000	393
1953-----	153	120	248	375	816	1,431	1,513	1,199	827	494	288	137
1954-----	89	76	135	443	728	1,348	1,639	1,435	1,031	833	636	325
<b>Frozen eggs:<sup>1</sup></b>												
1950-----	53,902	55,052	73,159	116,546	155,108	179,732	188,476	174,761	155,369	133,002	104,378	75,582
1951-----	47,310	31,157	32,712	62,298	109,253	162,659	189,980	190,818	176,273	151,293	121,592	95,143
1952-----	67,200	53,055	60,576	84,295	111,185	145,863	166,419	163,359	144,326	123,661	95,333	72,462
1953-----	50,176	34,980	42,419	65,201	98,478	132,294	159,755	152,835	133,427	109,869	86,867	61,014
1954-----	42,030	38,244	41,639	91,940	136,488	166,983	186,189	180,777	160,797	138,784	117,958	94,658
<b>Frozen poultry:</b>												
1950-----	292,513	295,736	260,523	212,058	167,000	136,548	122,328	103,367	105,179	140,352	217,999	269,640
1951-----	281,972	284,623	242,023	192,913	147,203	125,359	112,369	106,692	121,493	166,242	259,920	309,943
1952-----	302,151	300,000	270,397	232,832	194,965	185,688	174,040	157,045	144,508	182,786	279,191	294,424
1953-----	278,595	261,072	220,606	174,242	140,371	123,485	117,876	112,460	127,340	176,385	259,085	287,153
1954-----	275,887	266,626	241,692	217,456	184,743	167,499	151,147	141,651	146,651	188,417	275,192	291,504
<b>Beef:</b>												
1950-----	120,736	130,430	112,721	100,295	90,872	72,402	60,431	60,503	72,905	81,156	94,508	113,235
1951-----	146,925	160,673	149,040	131,258	110,760	100,218	89,986	87,430	93,636	94,881	124,856	182,306
1952-----	217,953	240,296	253,983	255,552	240,708	213,316	189,753	161,352	156,762	171,708	198,104	231,219
1953-----	262,086	263,921	253,988	235,442	217,500	194,617	176,635	151,085	141,132	146,843	168,983	197,477
1954-----	249,054	229,871	205,320	172,684	146,984	127,487	115,319	109,520	113,267	109,573	122,823	158,281
<b>Pork:</b>												
1950-----	473,741	582,737	573,108	548,640	541,955	492,194	469,361	394,402	303,588	240,544	219,758	326,300
1951-----	499,408	668,007	641,565	648,384	654,497	616,231	572,372	496,171	401,573	325,959	276,255	381,870
1952-----	548,604	704,992	793,870	822,006	823,741	727,665	685,033	542,707	407,558	290,931	234,894	319,643
1953-----	489,152	595,546	604,813	569,204	538,025	459,755	414,227	350,825	265,981	200,597	181,279	266,170
1954-----	326,812	393,307	413,507	418,283	420,917	384,643	346,024	282,873	228,738	215,057	233,612	340,874
<b>All meats:</b>												
1950-----	725	850	816	778	749	674	633	543	466	410	405	545
1951-----	770	957	918	906	892	839	778	701	605	522	499	688
1952-----	912	1,096	1,210	1,242	1,231	1,095	1,029	850	701	587	557	693
1953-----	922	1,038	1,043	990	929	818	749	638	532	460	460	593
1954-----	716	762	755	732	706	653	605	560	467	443	478	638
<b>Frozen fish:</b>												
1950-----	146,813	125,516	105,818	87,133	79,027	97,773	116,897	137,307	153,625	158,473	166,105	165,394
1951-----	157,722	130,880	106,834	96,367	88,803	105,944	127,351	146,891	161,628	166,100	171,924	179,134
1952-----	168,792	148,113	125,704	113,996	113,544	123,762	152,396	176,254	183,826	190,493	200,944	210,658
1953-----	192,818	170,242	142,040	119,099	109,189	113,581	142,655	169,686	176,680	174,640	176,047	179,370
1954-----	176,249	154,570	138,468	112,288	110,328	118,806	140,009	163,697	190,538	202,228	204,722	206,437

<sup>1</sup> Frozen eggs may be converted to cases on basis of 37.5 pounds to a case.

Source: Frozen fish, Department of the Interior, Fish and Wildlife Service; annual bulletins. Other figures, Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*; also published in monthly mimeographed reports.

### No. 863.—WOOL—STOCKS, PRODUCTION, PRICE, IMPORTS, AND EXPORTS: 1921 TO 1954

ITEM	1921-1925, average	1926-1930, average	1931-1935, average	1936-1940, average	1941-1945, average	1946-1950, average
Sheep and lambs shorn..... 1,000.....	32, 160	39, 753	45, 891	45, 069	45, 366	29, 404
Weight per fleece..... lb.....	7.4	7.8	8.0	8.0	7.9	8.1
Shorn wool production..... 1,000 lb.....	238, 333	310, 682	366, 368	360, 583	360, 191	238, 485
Price per pound <sup>1</sup> ..... cents.....	32.0	30.0	16.8	25.7	40.3	49.0
Pulled wool production..... 1,000 lb.....	44, 720	53, 600	64, 780	64, 680	68, 340	46, 500
Apparel wool, grease basis:						
Total production..... do.....	283, 053	364, 282	431, 148	425, 263	428, 531	284, 985
Imports, less reexports <sup>2</sup> ..... do.....	183, 293	107, 538	37, 404	122, 583	<sup>3</sup> 656, 091	<sup>3</sup> 466, 246
Exports, domestic <sup>4</sup> ..... do.....	699	300	122	412	12, 869	10, 491
Total new supply <sup>5</sup> ..... do.....	465, 647	471, 520	468, 430	547, 434	<sup>3</sup> 1, 071, 753	<sup>3</sup> 740, 740
Carpet wool, imports <sup>2</sup> ..... do.....	138, 086	134, 601	100, 881	132, 977	100, 058	254, 679

ITEM	1949	1950	1951	1952	1953	1954 (prel.)
Stocks of apparel wool, April 1 <sup>6</sup> ..... 1,000 lb.....	199, 321	143, 235	130, 204	130, 831	163, 100	149, 111
Sheep and lambs shorn..... 1,000.....	26, 382	26, 387	27, 357	28, 172	27, 756	27, 417
Weight per fleece..... lb.....	8.1	8.2	8.2	8.2	8.3	8.5
Shorn wool production..... 1,000 lb.....	212, 899	215, 422	225, 545	232, 373	230, 395	232, 629
Price per pound <sup>1</sup> ..... cents.....	49.4	62.1	97.0	54.1	54.9	53.9
Pulled wool production..... 1,000 lb.....	35, 600	32, 400	25, 900	33, 600	42, 200	43, 500
Apparel wool, grease basis:						
Total production..... do.....	248, 499	247, 822	251, 445	265, 973	272, 595	276, 129
Imports, less reexports <sup>2</sup> ..... do.....	262, 277	402, 033	430, 614	379, 677	260, 804	159, 491
Exports, domestic <sup>4</sup> ..... do.....	15, 775	6, 796	260	<sup>6</sup> 31	<sup>6</sup> 2, 329	<sup>6</sup> 3, 718
Total new supply <sup>5</sup> ..... do.....	495, 001	643, 059	681, 799	645, 619	531, 070	431, 902
Carpet wool, imports <sup>2</sup> ..... do.....	172, 493	315, 133	126, 149	165, 269	188, 046	145, 094

<sup>1</sup> Price received by farmers. Weighted season average 1946 to date, weighted calendar average earlier years. Season April-March.

<sup>2</sup> Actual weight. Imports for consumption beginning 1934, general imports prior thereto. For 1941 and earlier years, carpet wool includes only Donskoi, Smyrna, East Indian, Chinese, and similar wools without merino or English blood, and through 1933, includes camel hair; apparel wool includes all other wools. For 1942 and thereafter, carpet wool includes all duty-free wool and apparel wool includes all dutiable wool.

<sup>3</sup> Excludes 222,222,220 lbs. in 1942; 275,476,308 lbs. in 1943; 2,725,929 lbs. in 1944; 5,372,698 lbs. in 1945; and 14,840 lbs. in 1946, imported free of duty as an act of international courtesy. Wool so imported consisted almost entirely of wool stored in this country for the British Government, and later re-exported. This wool was not available to domestic mills.

<sup>4</sup> Includes hair of angora goat, alpaca, and other like animals. Includes a small amount of carpet wool beginning 1943.

<sup>5</sup> Production, minus exports, plus imports; stocks not taken into consideration. <sup>6</sup> Scoured basis.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*. Exports and imports from Department of Commerce, Bureau of the Census.

### No. 864.—WOOL CONSUMED IN MANUFACTURES: 1925 TO 1954

[In millions of pounds. See also *Historical Statistics*, series J 176]

YEAR	SCOURED BASIS <sup>1</sup>			YEAR	SCOURED BASIS <sup>1</sup>			YEAR	SCOURED BASIS <sup>1</sup>		
	Total	Ap- parel class <sup>2</sup>	Car- pet class		Total	Ap- parel class <sup>2</sup>	Car- pet class		Total	Ap- parel class <sup>2</sup>	Car- pet class
1925.....	349.9	251.7	98.2	1935.....	417.5	319.0	98.5	1945.....	645.1	589.2	55.9
1926.....	342.7	254.7	88.0	1936.....	406.1	299.8	106.3	1946.....	<sup>3</sup> 737.5	609.6	127.9
1927.....	354.1	258.7	95.4	1937.....	380.8	274.2	106.6	1947.....	<sup>3</sup> 698.3	525.9	172.4
1928.....	333.2	232.4	100.8	1938.....	284.5	219.6	64.9	1948.....	<sup>3</sup> 693.1	485.2	207.9
1929.....	368.1	253.2	114.9	1939.....	396.5	293.1	103.4	1949.....	<sup>3</sup> 500.4	339.0	161.4
1930.....	263.2	200.7	62.5	1940.....	407.9	310.0	97.9	1950.....	<sup>3</sup> 634.8	436.9	197.9
1931.....	311.0	237.7	73.3	1941.....	648.0	514.4	133.6	1951.....	<sup>3</sup> 484.1	382.1	102.0
1932.....	230.1	188.5	41.6	1942.....	603.6	560.5	43.1	1952.....	<sup>3</sup> 466.4	346.8	119.6
1933.....	317.1	245.5	71.6	1943.....	636.2	603.3	32.9	1953.....	<sup>3</sup> 495.0	359.1	135.9
1934.....	229.6	167.6	62.1	1944.....	622.8	577.0	45.8	1954 (prel.)	<sup>3</sup> 382.8	267.7	115.1

<sup>1</sup> Scoured wool, plus greasy wool reduced to a scoured basis, assuming average yields varying with class, origin, grade, and whether shorn or pulled.

<sup>2</sup> Wool regarded as more or less suitable for apparel purposes; formerly "Combing and clothing."

<sup>3</sup> Includes raw wool consumed on woolen and worsted systems only. Raw wool consumed on cotton and other systems and by felt and batting manufactures amounted to about 10 million pounds in 1946.

Source: Department of Commerce, Bureau of the Census; monthly data are published in *Facts for Industry*, Series M15H.



## 26. Forests and Forest Products

The Bureau of the Census, Department of Commerce, and the Forest Service, Department of Agriculture, are the principal Government agencies engaged in the collection and publication of statistics of forest land, forest industries, and forest products. The Forest Service, through its forest survey activities, makes an inventory of the forest resources and measures rates of forest growth and drain. A number of reports for surveyed areas have been published. A report based on a reappraisal of the Nation's forest situation made during 1945 and 1946 was published in 1948. Statistics from this report are shown in tables 865-868. Other publications of the Forest Service include data on stumpage and log prices, lumber consumption and distribution, lumber used in manufacture, and fire statistics. The *Statistical Supplement to the Annual Report of the Chief of the Forest Service* carries statistics of the administration of the national forests.

The Bureau of the Census, Department of Commerce, publishes information on forest industries and products in reports of the Census of Manufactures, in addition to current *Facts for Industry* reports. The Bureau of the Census also publishes statistics of foreign trade in forest products. Information on the domestic movement of forest products is reported by the Interstate Commerce Commission and the Association of American Railways.

The Agricultural Marketing Service of the Department of Agriculture publishes annual reports on the production of turpentine and rosin.

The Bureau of Labor Statistics of the Department of Labor publishes statistics of wholesale lumber prices monthly and annually.

A number of forest products trade associations and trade journals collect and publish statistics of forest products, production, markets, shipments, inventories, etc.

The completeness and reliability of published statistics of forests and forest products vary considerably. The data for forest land area and stand are, of course, much more reliable for areas which have been surveyed than for those areas which have not been covered. Forest fire statistics for Federal lands are considered much better than for private lands, though too much reliance should not be placed in any estimates of fire damage or causes of fires.

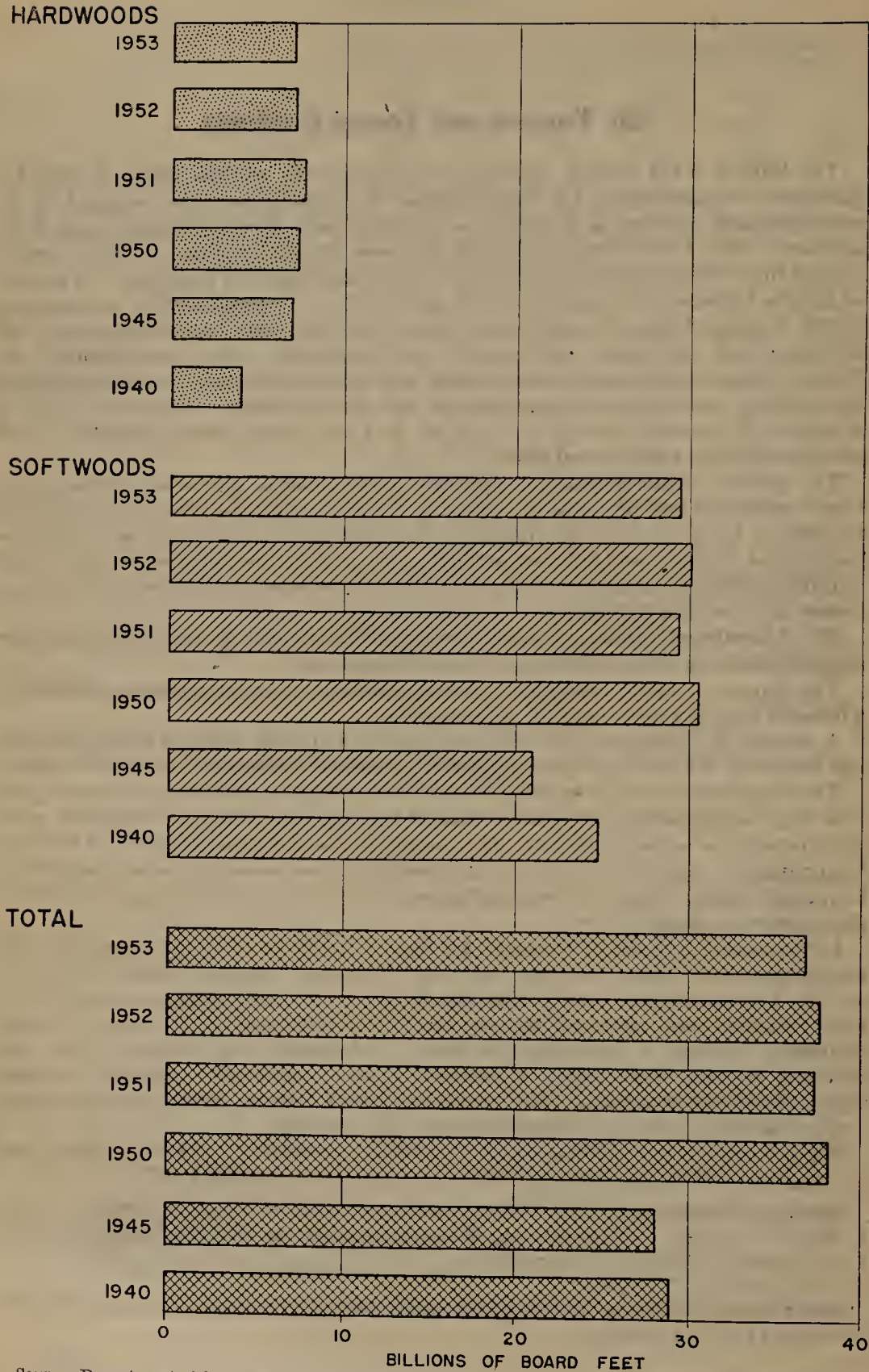
In the field of forest products, data for lumber production and other manufactured products such as veneer and plywood, pulp and paper, cooperage, naval stores, etc., are much more complete than for the primary forest products such as poles and piling, fuelwood, and fence posts. The data for lumber production are subject to certain limitations because of incomplete coverage. Information for pulp and paper, and plywood, on the other hand, is believed to have practically complete coverage. Statistics relating to average value of lumber sawed may be subject to some special limitations due to incomplete representation of small mills.

For a historical summation of raw materials production, imports, exports, and consumption, which includes figures for forest products, see table 907.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series F 69-73") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

Note.—This section presents data for the most recent year or period available on May 9, 1955, when the material was organized and sent to the printer.

FIG. XLIX.—LUMBER PRODUCTION: 1940 TO 1953  
[See table 880]



Source: Department of Commerce, Bureau of the Census.



## No. 865.—FOREST LAND AREA AND OWNERSHIP OF COMMERCIAL FOREST LAND, BY STATES

[In thousands of acres. Status beginning of 1945]

REGION AND STATE	Total forest land	All owner-ships	COMMERCIAL FOREST LAND <sup>1</sup>						
			Federally owned or managed			State, county, and municipal	Private		
			Total	National	Other		Total	Farm	Industrial and other
<b>Total</b> .....	623,828	461,044	88,957	73,512	15,445	27,114	344,973	139,058	205,915
<b>North</b> .....	211,753	170,321	11,311	9,523	1,788	19,414	139,596	61,010	78,586
<b>New England</b> .....	31,092	30,851	891	822	69	666	29,294	6,477	22,817
Connecticut.....	1,907	1,900				155	1,745	711	1,034
Maine.....	16,788	16,665	74	47	27	50	16,541	2,173	14,368
Massachusetts.....	3,310	3,297	24	1	23	271	3,002	906	2,096
New Hampshire.....	4,800	4,722	621	613	8	79	4,022	1,086	2,936
Rhode Island.....	452	447				27	420	107	313
Vermont.....	3,835	3,820	172	161	11	84	3,564	1,494	2,070
<b>Middle Atlantic</b> .....	44,214	41,586	1,476	1,265	211	3,613	36,497	11,854	24,643
Delaware.....	442	442	2		2	7	433	228	205
Maryland.....	2,742	2,722	44	3	41	149	2,529	1,198	1,331
New Jersey.....	2,348	2,329	53			53	2,180	424	1,756
New York.....	13,500	11,114	75		75	732	10,307	3,651	6,656
Pennsylvania.....	15,228	15,127	470	442	28	2,514	12,143	3,369	8,774
West Virginia.....	9,954	9,852	832	820	12	115	8,905	2,984	5,921
<b>Lake</b> .....	55,700	50,345	6,495	5,455	1,040	14,805	29,045	13,930	15,115
Michigan.....	19,000	17,380	2,155	2,035	120	4,115	11,110	3,260	7,850
Minnesota.....	19,700	16,700	2,670	2,170	500	7,100	6,930	4,330	2,600
Wisconsin.....	17,000	16,265	1,670	1,250	420	3,590	11,005	6,340	4,665
<b>Central</b> .....	44,919	44,213	2,117	1,951	166	326	41,770	25,789	15,981
Illinois.....	3,396	3,319	192	175	17	10	3,117	3,092	25
Indiana.....	3,445	3,358	104	79	25	76	3,178	3,139	39
Iowa.....	2,248	2,226	16	5	11	19	2,191	2,186	5
Kentucky.....	11,857	11,694	534	427	107	35	11,125	5,421	5,704
Missouri.....	19,142	18,837	1,199	1,193	6	78	17,560	8,839	8,721
Ohio.....	4,831	4,779	72	72		108	4,599	3,112	1,487
<b>Plains</b> .....	35,828	3,326	332	30	302	4	2,990	2,960	30
Kansas.....	1,121	1,011					1,011	1,011	
Nebraska.....	1,112	987	39	15	24		948	948	
North Dakota.....	621	470	55		55	1	414	414	
Oklahoma (West) <sup>2</sup> .....	6,326								
South Dakota (East) <sup>3</sup> .....	662	618	215	15	200	3	400	400	
Texas (West) <sup>2</sup> .....	25,986	240	23		23		217	187	30
<b>South</b> .....	186,804	183,266	14,078	10,138	3,940	2,160	167,028	69,060	97,968
<b>South Atlantic</b> .....	43,843	42,923	3,485	2,775	710	536	38,902	23,377	15,525
North Carolina.....	18,400	17,997	1,312	960	352	242	16,443	10,072	6,371
South Carolina.....	10,611	10,549	720	549	171	187	9,642	5,684	3,958
Virginia.....	14,832	14,377	1,453	1,266	187	107	12,817	7,621	5,196
<b>Southeast</b> .....	91,842	89,390	5,909	3,802	2,107	1,216	82,265	33,134	49,131
Alabama.....	18,878	18,800	886	613	273	121	17,793	7,259	10,534
Florida.....	23,478	21,765	1,713	1,009	704	326	19,726	3,996	15,730
Georgia.....	21,432	21,107	1,202	646	556	72	19,833	10,362	9,471
Mississippi.....	15,889	15,868	1,307	979	328	410	14,151	6,323	7,828
Tennessee.....	12,165	11,850	801	555	246	287	10,762	5,194	5,568
<b>West Gulf</b> .....	51,119	50,953	4,684	3,561	1,123	408	45,861	12,549	33,312
Arkansas.....	20,036	19,928	2,645	2,214	431	104	17,179	6,142	11,037
Louisiana.....	16,196	16,169	747	536	211	265	15,157	2,969	12,188
Oklahoma (East) <sup>3</sup> .....	4,320	4,308	619	163	456	23	3,666	812	2,854
Texas (East) <sup>2</sup> .....	10,567	10,548	673	648	25	16	9,859	2,626	7,233
<b>West</b> .....	225,271	107,457	63,568	53,851	9,717	5,540	38,349	8,988	29,361
<b>Pacific Northwest</b> .....	53,855	46,204	23,012	17,341	5,671	3,435	19,757	3,334	16,423
Oregon.....	29,755	26,330	15,251	11,530	3,721	1,101	9,978	1,537	8,441
Washington.....	24,100	19,874	7,761	5,811	1,950	2,334	9,779	1,797	7,982
<b>California</b> .....	45,515	16,405	8,099	7,684	415	23	8,283	1,309	6,974
<b>North Rocky Mountain</b> .....	53,246	29,066	20,012	18,061	1,951	1,702	7,352	2,847	4,505
Idaho.....	18,813	10,149	6,436	5,838	598	925	2,788	841	1,947
Montana.....	24,238	14,758	10,122	9,118	1,004	699	3,937	1,614	2,323
South Dakota (West) <sup>3</sup> .....	1,317	1,147	920	918	2	4	223	144	79
Wyoming.....	8,878	3,012	2,534	2,187	347	74	404	248	156
<b>South Rocky Mountain</b> .....	72,655	15,782	12,445	10,765	1,680	380	2,957	1,498	1,459
Arizona.....	19,538	2,815	2,744	2,058	686	30	41	36	5
Colorado.....	19,902	7,874	5,923	5,387	536	152	1,799	650	1,149
Nevada.....	4,720	98	24	24			74	13	61
New Mexico.....	20,001	3,465	2,405	2,020	385	149	911	693	218
Utah.....	8,494	1,530	1,349	1,276	73	49	132	106	26

<sup>1</sup> Comprises land capable of producing timber of commercial quantity and quality, and available now or prospectively for commercial use.

<sup>2</sup> Western and central portions of Oklahoma and Texas included in the Plains region; eastern portions included in the West Gulf region.

<sup>3</sup> Eastern and central portions of South Dakota included in the Plains region; southwestern portion (Black Hills) included in the North Rocky Mountain region.

Source: Department of Agriculture, Forest Service; *A Reappraisal of the Forest Situation*.

## No. 866.—SAW TIMBER AND GROWTH ON COMMERCIAL FOREST LAND, BY STATES

[In millions of board feet. Status beginning of 1945. Comprised volume on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use. Comprised trees large enough for sawlogs regardless of actual use, in accordance with practice of region. Volumes on lumber-tally basis.]

REGION AND STATE	VOLUME OF SAW TIMBER						SAW-TIMBER GROWTH		
	Total	Soft-wood	Hard-wood	On saw-timber areas		On other than saw-timber areas	Total	Soft-wood	Hard-wood
				On virgin areas	On second-growth areas				
<b>Total</b> .....	1,600,972	1,296,377	304,595	840,340	660,719	99,913	35,301	21,848	13,453
<b>North</b> .....	220,429	65,836	154,593	21,642	159,386	39,401	8,355	2,000	6,355
New England.....	58,197	33,263	24,934	726	48,605	8,866	1,799	910	889
Connecticut.....	1,642	258	1,384	-----	1,111	531	107	14	93
Maine.....	36,787	24,279	12,508	525	31,912	4,350	760	491	269
Massachusetts.....	4,670	1,946	2,724	15	3,867	788	242	96	146
New Hampshire.....	7,610	3,424	4,186	88	5,739	1,783	389	174	215
Rhode Island.....	153	22	131	-----	69	84	9	1	8
Vermont.....	7,335	3,334	4,001	98	5,907	1,330	292	134	158
Middle Atlantic.....	62,045	14,017	48,028	1,197	47,459	13,389	2,712	597	2,115
Delaware.....	1,183	519	664	25	1,029	129	62	27	35
Maryland.....	4,030	1,779	2,251	37	3,053	940	202	105	97
New Jersey.....	2,188	783	1,405	25	1,362	801	103	37	66
New York.....	25,279	6,926	18,353	329	21,088	3,862	785	191	594
Pennsylvania.....	20,582	3,087	17,495	162	13,406	7,014	1,111	193	918
West Virginia.....	8,783	923	7,860	619	7,521	643	449	44	405
Lake.....	50,710	15,670	35,040	17,390	23,280	10,040	1,403	346	1,057
Michigan.....	24,140	7,400	16,740	13,550	7,500	3,090	519	96	423
Minnesota.....	11,590	4,940	6,650	2,020	5,560	4,010	420	176	244
Wisconsin.....	14,980	3,330	11,650	1,820	10,220	2,940	464	74	390
Central.....	43,747	2,418	41,329	1,249	36,616	5,882	2,248	128	2,120
Illinois.....	3,717	22	3,695	71	3,092	554	208	1	207
Indiana.....	6,175	6	6,169	-----	5,773	402	298	2	296
Iowa.....	5,344	43	5,301	-----	4,842	502	295	2	293
Kentucky.....	12,392	1,611	10,781	797	10,356	1,239	638	83	555
Missouri.....	6,984	663	6,321	381	3,849	2,754	388	37	351
Ohio.....	9,135	73	9,062	-----	8,704	431	421	3	418
Plains.....	5,730	468	5,262	1,080	3,426	1,224	193	19	174
Kansas.....	2,880	-----	2,880	600	1,800	480	82	-----	82
Nebraska.....	1,500	300	1,200	360	660	480	58	10	48
North Dakota.....	434	20	414	-----	344	90	16	1	15
Oklahoma (West) <sup>1</sup> .....	-----	-----	-----	-----	-----	-----	-----	-----	-----
South Dakota (East) <sup>2</sup> .....	720	96	624	120	480	120	26	4	22
Texas (West) <sup>1</sup> .....	196	52	144	-----	142	54	11	4	7
<b>South</b> .....	337,987	193,790	144,197	11,617	305,833	20,537	19,938	12,919	7,019
South Atlantic.....	97,141	59,326	37,815	-----	90,205	6,936	6,106	4,016	2,090
North Carolina.....	42,241	27,962	14,279	-----	40,109	2,132	2,589	1,835	754
South Carolina.....	29,580	19,362	10,218	-----	28,452	1,128	1,733	1,234	499
Virginia.....	25,320	12,002	13,318	-----	21,644	3,676	1,784	947	837
Southeast.....	135,887	76,992	58,895	4,674	121,473	9,740	8,224	5,284	2,940
Alabama.....	33,361	20,681	12,680	694	30,482	2,185	2,021	1,392	629
Florida.....	17,308	12,862	4,446	844	14,410	2,054	989	767	222
Georgia.....	40,543	28,941	11,602	2,005	36,121	2,417	2,501	1,995	506
Mississippi.....	30,453	11,592	18,861	1,131	27,206	2,116	1,866	904	962
Tennessee.....	14,222	2,916	11,306	-----	13,254	968	847	226	621
West Gulf.....	104,959	57,472	47,487	6,943	94,155	3,861	5,608	3,619	1,989
Arkansas.....	37,528	22,315	15,213	2,080	33,940	1,508	1,929	1,186	743
Louisiana.....	36,895	13,930	22,965	2,492	33,184	1,219	1,893	970	923
Oklahoma (East) <sup>1</sup> .....	3,048	2,044	1,004	234	2,497	317	137	95	42
Texas (East) <sup>1</sup> .....	27,488	19,183	8,305	2,137	24,534	817	1,649	1,368	281
<b>West</b> .....	1,042,556	1,036,751	5,805	807,081	195,500	39,975	7,008	6,929	79
Pacific Northwest.....	630,894	626,941	3,953	513,149	111,706	6,039	4,224	4,152	72
Oregon.....	381,389	378,577	2,812	307,288	71,913	2,188	2,483	2,432	51
Washington.....	249,505	248,364	1,141	205,861	39,793	3,851	1,741	1,720	21
California.....	227,565	227,565	-----	180,082	32,624	14,859	1,160	1,160	-----
North Rocky Mountain.....	127,229	126,293	936	69,810	43,212	14,207	1,306	1,302	4
Idaho.....	60,796	60,764	32	27,078	28,076	5,642	826	826	(3)
Montana.....	52,515	52,112	403	32,020	12,531	7,964	418	414	4
South Dakota (West) <sup>2</sup> .....	2,866	2,866	-----	1,249	1,333	284	22	22	(3)
Wyoming.....	11,052	10,551	501	9,463	1,272	317	40	40	(3)
South Rocky Mountain.....	56,868	55,952	916	44,040	7,958	4,870	318	315	3
Arizona.....	16,270	16,270	-----	14,265	1,787	218	94	94	-----
Colorado.....	27,658	26,742	916	18,727	4,860	4,071	145	142	3
Nevada.....	367	367	-----	287	35	45	1	1	-----
New Mexico.....	8,471	8,471	-----	7,134	871	466	58	58	-----
Utah.....	4,102	4,102	-----	3,627	405	70	20	20	-----

<sup>1</sup> Volume in western and central portions of Oklahoma and Texas included in the Plains region; that in eastern portions included in the West Gulf region.

<sup>2</sup> Volume in eastern and central portions of South Dakota included in the Plains region; that in southwestern portion (Black Hills) included in North Rocky Mountain region.

<sup>3</sup> Less than 500,000 board feet.

Source: Department of Agriculture, Forest Service; *A Reappraisal of the Forest Situation*.



## No. 867.—SAW TIMBER—VOLUME, BY SPECIES AND REGION

[In millions of board feet. Status beginning of 1945. For States represented in regions shown, see table 866]

KIND OF WOOD	Total North and South	New England	Middle Atlantic	Lake	Central	Plains	South Atlantic	South-east	West Gulf
<b>Eastern softwoods, total</b> .....	259,626	33,263	14,017	15,670	2,418	468	59,326	76,992	57,472
Southern yellow pine.....	188,327	142	4,035	-----	1,727	51	54,954	70,927	56,491
Spruce and fir <sup>1</sup> .....	27,007	20,649	2,718	3,600	-----	-----	40	-----	-----
White and Norway pine.....	15,383	7,330	3,050	3,690	161	-----	817	335	-----
Hemlock.....	14,921	3,764	3,996	5,950	343	-----	726	142	-----
Cypress.....	6,236	-----	-----	-----	126	1	2,277	3,284	548
Other.....	7,752	1,378	218	2,430	61	416	512	2,304	433
<b>Eastern hardwoods, total</b> .....	298,790	24,934	48,028	35,040	41,329	5,262	37,815	58,895	47,487
Oak.....	101,381	2,265	19,012	5,090	20,370	702	12,815	21,017	20,110
Beech, birch, and maple.....	67,887	20,740	19,310	17,090	7,207	-----	2,330	1,210	-----
Sweet gum.....	26,476	-----	-----	-----	616	36	6,667	10,516	8,641
Tupelo and black gum.....	18,957	-----	-----	-----	348	3	6,250	7,309	5,047
Cottonwood and aspen.....	15,662	1,385	1,154	6,380	2,472	2,414	116	907	834
Yellow poplar.....	12,347	56	1,710	-----	2,169	-----	4,512	3,900	-----
Other.....	56,080	488	6,842	6,480	8,147	2,107	5,125	14,036	12,855

KIND OF WOOD	Total West	PACIFIC NORTHWEST			California	North Rocky Mountain	South Rocky Mountain
		Total	Douglas-fir subregion	Pine subregion			
<b>Western species, total</b> .....	1,042,556	636,894	504,931	125,963	227,565	127,229	56,868
Douglas fir.....	430,028	331,227	310,523	20,704	68,613	26,718	3,470
Ponderosa pine.....	185,025	80,198	4,850	75,348	51,191	26,771	26,865
True fir.....	113,541	57,854	46,464	11,390	43,012	9,360	3,315
Western hemlock.....	97,207	95,855	94,469	1,386	-----	1,352	-----
Sugar pine and western white pine.....	40,224	8,089	6,171	1,918	19,505	12,630	-----
Redwood.....	38,114	-----	-----	-----	38,114	-----	-----
Spruce.....	35,880	8,020	8,020	-----	-----	12,499	15,361
Larch.....	26,606	8,727	145	8,582	-----	17,879	-----
Lodgepole pine.....	22,060	1,171	37	1,134	-----	14,406	6,483
Other softwoods.....	48,066	35,800	30,386	5,414	7,130	4,678	458
Hardwoods.....	5,805	3,953	3,866	87	-----	936	916

<sup>1</sup> Balsam fir.<sup>2</sup> Ponderosa pine.<sup>3</sup> Excludes dead chestnut of sawlog size still standing and usable.<sup>4</sup> May include some white fir, Sitka spruce, western hemlock, Port Orford cedar and western red cedar commonly lumped with Douglas fir in redwood cruising.<sup>5</sup> Excludes 416 million board feet in Plains region.<sup>6</sup> Includes Jeffery pine.<sup>7</sup> Includes western white pine, mountain hemlock, and lodgepole pine recorded in cruises of fir areas.<sup>8</sup> Redwood exclusive of volume of 1,000 bigtree on cruises in west-side Sierra subregion.Source: Department of Agriculture, Forest Service; *A Reappraisal of the Forest Situation*.

## No. 868.—ANNUAL DRAIN FROM COMMERCIAL FOREST LANDS BY CUTTING FOR COMMODITIES AND BY DESTRUCTIVE AGENCIES

[Comprises drain in volume from land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use]

ITEM	ALL TIMBER DRAIN (millions of cu. ft.)			SAW-TIMBER DRAIN (millions of bd. ft.)		
	Total	Softwoods	Hard-woods	Total	Softwoods	Hard-woods
<b>Aggregate</b> .....	13,661	8,151	5,510	53,893	38,530	15,363
<b>Timber cut for commodities (1944)</b> .....	12,182	7,348	4,834	49,658	35,591	14,067
Lumber.....	6,711	4,778	1,933	34,391	26,130	8,261
Fuelwood.....	2,203	719	1,484	3,863	1,957	1,906
Pulpwood.....	1,306	1,163	143	4,757	4,500	257
Hewed ties.....	363	153	210	1,643	777	866
Fence posts.....	220	59	161	226	82	144
Veneer logs.....	392	165	227	1,971	942	1,029
Mine timbers.....	225	40	185	320	70	250
Cooperage.....	174	40	134	744	195	549
Shingles.....	72	72	-----	334	334	-----
Other.....	516	159	357	1,499	604	895
<b>Timber removed by destructive agencies (average 1934-45)</b> .....	1,479	803	676	4,235	2,939	1,296
Fire.....	460	247	213	859	547	312
Insects, disease, wind, etc.....	1,019	556	463	3,376	2,392	984

Source: Department of Agriculture, Forest Service; *A Reappraisal of the Forest Situation*.

## No. 869.—NATIONAL FOREST AREAS AND PURCHASES: 1905 TO 1954

[National forest area data are cumulative totals as of June 30 and include Alaska and Puerto Rico. Forest reservation purchases are for year ending June 30, and include Puerto Rico. See also *Historical Statistics*, series F 69-73]

ITEM	1905	1910	1920	1930	1940	1950	1952	1953	1954
<b>NATIONAL FOREST AREAS <sup>1</sup></b>									
Gross area within established boundaries.....1,000 acres.....	85, 693	192, 931	180, 300	183, 976	228, 174	229, 341	229, 165	229, 112	235, 694
Under Forest Service Administration.....1,000 acres.....	75, 352	168, 029	156, 032	160, 091	176, 779	181, 205	181, 293	181, 568	188, 138
<b>NATIONAL FOREST PURCHASES</b>									
Gross area approved for purchase.....acres.....			101, 428	538, 048	553, 077	61, 078	10, 181	7, 969	7, 761
Average price per acre.....dollars.....			4. 44	2. 73	3. 98	8. 71	10. 42	12. 45	14. 02
Total price.....\$1,000.....			450	1, 469	2, 201	532	106	99	109

<sup>1</sup> See headnote, table 870.

Source: Department of Agriculture, Forest Service; annual reports on *National Forest Areas*, and annual reports of the National Forest Reservation Commission.

## No. 870.—NATIONAL FOREST AND OTHER AREAS, BY STATES AND FOR ALASKA AND PUERTO RICO: 1954

[In acres. As of June 30. Comprises national forests, purchase units, experimental areas, land utilization and other areas placed under Administration of Forest Service, but not given a national-forest status. See also *Historical Statistics*, series F 69-70, for gross area and area under Forest Service]

STATE OR OTHER AREA	Gross area	Not under Forest Service Administration	Under Forest Service Administration	STATE OR OTHER AREA	Gross area	Not under Forest Service Administration	Under Forest Service Administration
<b>Total</b> .....	235, 694, 278	47, 556, 241	188, 138, 037	Nebraska.....	340, 896	1, 181	339, 715
Alabama.....	2, 446, 527	1, 814, 216	632, 311	Nevada.....	5, 378, 727	316, 529	5, 062, 198
Arizona.....	12, 156, 912	676, 038	11, 480, 874	New Hampshire.....	804, 965	127, 566	677, 399
Arkansas.....	3, 665, 832	1, 221, 985	2, 443, 847	New Mexico.....	10, 713, 253	1, 336, 518	9, 376, 735
California.....	24, 996, 702	4, 981, 484	20, 015, 218	New York.....	13, 747		13, 747
Colorado.....	15, 860, 261	1, 497, 110	14, 363, 151	North Carolina.....	3, 606, 825	2, 469, 932	1, 136, 893
Florida.....	1, 361, 885	168, 794	1, 193, 091	North Dakota.....	1, 865, 618	763, 905	1, 101, 713
Georgia.....	1, 839, 717	1, 065, 628	774, 089	Ohio.....	1, 454, 982	1, 349, 419	105, 563
Idaho.....	21, 619, 322	1, 290, 743	20, 328, 579	Oklahoma.....	425, 556	162, 890	262, 666
Illinois.....	813, 093	591, 477	221, 616	Oregon.....	17, 483, 873	2, 558, 457	14, 925, 416
Indiana.....	725, 640	605, 704	119, 936	Pennsylvania.....	743, 999	271, 977	472, 022
Iowa.....	218, 671	213, 922	4, 749	South Carolina.....	1, 423, 339	835, 859	587, 480
Kansas.....	107, 187		107, 187	South Dakota.....	2, 272, 131	283, 443	1, 988, 688
Kentucky.....	1, 411, 699	954, 196	457, 503	Tennessee.....	1, 533, 009	940, 410	592, 599
Louisiana.....	1, 306, 134	714, 345	591, 789	Texas.....	1, 842, 407	1, 058, 884	783, 523
Maine.....	878, 748	828, 725	50, 023	Utah.....	9, 048, 476	1, 127, 492	7, 920, 984
Maryland.....	4, 318	3, 208	1, 110	Vermont.....	629, 004	400, 383	228, 621
Massachusetts.....	1, 651		1, 651	Virginia.....	4, 019, 002	2, 571, 724	1, 447, 278
Michigan.....	5, 169, 182	2, 601, 711	2, 567, 471	Washington.....	10, 741, 959	1, 053, 399	9, 688, 560
Minnesota.....	5, 041, 832	2, 319, 839	2, 721, 993	West Virginia.....	1, 832, 868	929, 233	903, 635
Mississippi.....	2, 863, 195	1, 727, 258	1, 135, 937	Wisconsin.....	2, 024, 277	560, 324	1, 463, 953
Missouri.....	3, 473, 123	2, 100, 855	1, 372, 268	Wyoming.....	9, 583, 347	448, 507	9, 134, 840
Montana.....	20, 986, 947	2, 423, 024	18, 563, 923	Alaska.....	20, 777, 258	34, 878	20, 742, 380
				Puerto Rico.....	186, 182	153, 069	33, 113

Source: Department of Agriculture, Forest Service; annual report, *National Forest Areas*.



# No. 871.—NATIONAL FOREST LAND PURCHASES, BY STATES AND FOR PUERTO RICO, CUMULATIVE TO JUNE 30, 1954

[Under Act of Mar. 1, 1911, as amended by Act of June 7, 1924, and other related acts]

STATE OR OTHER AREA	Gross area (acres)	TOTAL NET AREA APPROVED FOR PURCHASE			NET AREA PURCHASED		
		Acres	Average price per acre	Total price (1,000)	Acres	Average price per acre	Total price (1,000)
<b>Total</b> .....	62,500,350	18,845,600	\$3.87	\$72,954	18,825,207	\$3.86	\$72,739
Alabama.....	2,435,087	504,261	3.67	1,851	504,261	3.67	1,851
Arkansas.....	3,582,851	1,194,839	2.93	3,495	1,194,759	2.93	3,495
California.....	3,600,872	152,832	8.90	1,361	152,837	8.89	1,359
Florida.....	1,244,229	782,833	3.14	2,460	782,001	3.14	2,453
Georgia.....	1,727,585	600,837	4.94	2,967	600,086	4.93	2,957
Idaho.....	726,970	36,834	3.56	131	35,091	3.44	121
Illinois.....	802,383	197,361	6.42	1,267	197,361	6.42	1,267
Indiana.....	722,460	109,380	7.25	793	108,673	7.22	784
Iowa.....	218,671	4,749	9.11	43	4,749	9.11	43
Kentucky.....	1,411,686	457,180	4.05	1,853	457,028	4.05	1,852
Louisiana.....	1,274,977	551,596	3.00	1,655	551,476	3.00	1,654
Maine.....	878,283	49,531	6.60	327	49,531	6.60	327
Michigan.....	5,143,390	1,892,224	3.06	5,794	1,892,224	3.06	5,794
Minnesota.....	5,041,832	1,561,312	2.60	4,055	1,556,819	2.56	3,983
Mississippi.....	2,684,345	1,005,368	3.54	3,563	1,005,368	3.54	3,563
Missouri.....	3,460,175	1,324,364	2.32	3,067	1,324,364	2.32	3,067
Nevada.....	3,839,823	19,248	9.51	183	18,746	9.50	178
New Hampshire.....	802,714	674,784	7.76	5,235	674,262	7.76	5,231
New Mexico.....	92,514	20,715	1.92	40	20,715	1.92	40
North Carolina.....	3,605,153	1,036,032	5.19	5,375	1,035,296	5.18	5,367
North Dakota.....	764,425	480	10.00	5	480	10.00	5
Ohio.....	1,454,982	103,929	7.41	771	101,429	7.26	736
Oklahoma.....	344,269	178,277	1.79	319	178,277	1.79	319
Oregon.....	69,704	52,467	17.03	894	52,467	17.03	894
Pennsylvania.....	708,727	469,655	6.27	2,943	469,655	6.27	2,943
South Carolina.....	1,423,339	563,158	6.22	3,505	563,158	6.22	3,505
Tennessee.....	1,531,797	562,823	4.48	2,523	562,823	4.48	2,523
Texas.....	1,716,964	652,745	4.62	3,017	652,745	4.62	3,017
Utah.....	2,969,262	125,369	3.09	387	124,597	3.02	376
Vermont.....	629,004	224,994	9.22	2,075	223,107	9.22	2,057
Virginia.....	3,548,603	1,451,015	3.28	4,756	1,446,580	3.27	4,735
West Virginia.....	1,832,862	903,384	3.41	3,076	903,313	3.41	3,076
Wisconsin.....	2,024,257	1,366,863	2.17	2,971	1,366,863	2.17	2,971
Puerto Rico.....	186,155	14,111	13.95	197	14,066	13.98	196

Source: National Forest Reservation Commission, *Annual Report*.

# No. 872.—FOREST TREE DISTRIBUTION PROGRAM, WITH COSTS BY STATES AND FOR HAWAII AND PUERTO RICO: 1954

[In thousands. For year ending June 30]

STATE OR OTHER AREA	Trees distributed	EXPENDITURES		STATE OR OTHER AREA	Trees distributed	EXPENDITURES	
		Total	Federal contribution <sup>1</sup>			Total	Federal contribution <sup>1</sup>
<b>Total</b> .....	465,639	\$4,029	\$383	New Hampshire.....	804	\$39	\$10
Alabama.....	28,607	137	11	New Jersey.....	1,646	41	10
Arkansas.....	13,251	67	10	New York.....	35,337	300	10
California.....	267	71	9	North Carolina.....	15,634	176	11
Colorado.....	367	15	2	North Dakota.....	1,085	32	10
Connecticut.....	662	48	7	Ohio.....	10,099	211	10
Delaware.....	448	10	3	Oklahoma.....	2,023	52	11
Florida.....	51,836	212	11	Oregon.....	4,487	53	10
Georgia.....	89,201	394	11	Pennsylvania.....	8,327	183	10
Idaho.....	346	23	8	Rhode Island.....	151	7	3
Illinois.....	6,408	153	10	South Carolina.....	35,394	92	4
Indiana.....	8,224	192	10	South Dakota.....	2,053	106	9
Iowa.....	547	33	10	Tennessee.....	4,788	41	11
Kentucky.....	3,304	49	10	Texas.....	20,430	73	4
Louisiana.....	44,968	189	10	Utah.....	137	11	3
Maine.....	605	16	6	Vermont.....	1,200	47	10
Maryland.....	3,170	35	10	Virginia.....	13,276	76	10
Massachusetts.....	528	49	10	Washington.....	424	23	8
Michigan.....	5,138	77	10	West Virginia.....	881	55	10
Mississippi.....	21,637	107	11	Wisconsin.....	23,221	313	10
Missouri.....	1,584	45	10	Wyoming.....	230	12	2
Montana.....	397	50	9	Hawaii.....	166	20	10
Nebraska.....	1,286	41	1	Puerto Rico.....	1,065	53	8

<sup>1</sup> Provided by Clarke-McNary law, Act of June 7, 1924, and Norris-Doxey law, Act of May 18, 1937.

Source: Department of Agriculture, Forest Service.

## No. 873.—FOREST TREE DISTRIBUTION PROGRAM, WITH COSTS: 1926 TO 1954

[In thousands. For years ending June 30, except calendar-year data for trees distributed, 1926 to 1948. See also *Historical Statistics*, series F 84-87]

YEAR	Trees distributed	COSTS			YEAR	Trees distributed	COSTS		
		Total	Federal contribution <sup>1</sup>	State expenditure			Total	Federal contribution <sup>1</sup>	State expenditure
1926-----	22,610	\$268	\$45	\$223	1945-----	37,743	\$572	\$114	\$458
1930-----	25,836	403	81	322	1946-----	43,588	637	113	524
1935-----	26,150	206	55	151	1947-----	42,347	886	117	769
1938-----	55,360	365	70	295	1948-----	77,324	1,178	113	1,065
1939-----	64,213	398	97	301	1949-----	102,903	1,406	113	1,293
1940-----	87,468	524	140	384	1950-----	136,395	1,503	189	1,314
1941-----	97,650	526	113	413	1951-----	291,875	3,021	377	2,644
1942-----	74,219	527	115	412	1952-----	299,665	3,658	376	3,282
1943-----	46,350	448	115	333	1953-----	434,982	3,988	386	3,602
1944-----	37,980	463	119	344	1954-----	465,639	4,029	383	3,646

<sup>1</sup> Provided by Clarke-McNary law, Act of June 7, 1924, and Norris-Doxey law, Act of May 18, 1937.

## No. 874.—NATIONAL FORESTS—GRAZING, ROADS AND TRAILS, VISITORS, TIMBER CUT, RECEIPTS, PAYMENTS TO STATES, AND ALLOTMENTS TO FOREST SERVICE: 1910 TO 1954

[For years ending June 30, except as noted. See also *Historical Statistics*, series F 74-83, 88-108]

ITEM AND UNIT OF MEASURE	1910	1920	1930	1940	1945	1950	1953	1954
Livestock grazing: <sup>1</sup>								
Cattle and horses <sup>2</sup> -----1,000-----	1,498	<sup>3</sup> 96	1,358	1,177	1,206	1,092	1,108	1,088
Sheep and goats <sup>2</sup> -----do-----	7,649	<sup>3</sup> 557	6,714	4,949	3,889	3,006	2,964	2,910
Roads and trails:								
Road construction-----miles-----			1,726	1,709	258	<sup>4</sup> 213	} <sup>4</sup> 728	} <sup>4</sup> 917
Road reconstruction-----do-----				1,945	138	<sup>4</sup> 240		
Trail construction-----do-----			6,176	2,221	77	828		
Expenditures (maint. & constr.) \$1,000-----			10,356	23,511	8,407	<sup>4</sup> 15,036	<sup>4</sup> 21,714	<sup>4</sup> 29,478
Utilization of recreation resources <sup>5</sup>								
1,000 visits-----			6,911	16,163	10,074	27,368	35,400	40,303
Improved public recreation areas-----do-----			5,253	13,053	5,072	12,941	17,198	19,758
Other public recreation resources-----do-----			1,658	3,110	5,002	14,427	18,202	20,545
Utilization of highways, roads, and water routes <sup>5</sup> -----do-----			5,450	22,270	14,530	56,797	89,842	104,259
Timber cut, total value-----\$1,000-----	1,082	1,887	4,930	5,168	13,291	31,140	71,039	65,887
Commercial and cost sales:								
Volume-----1,000,000 ft. b. m.-----	380	805	1,488	1,371	2,732	3,195	4,982	5,180
Value-----\$1,000-----	906	1,764	4,340	3,825	11,682	29,084	69,727	64,149
Land exchanges:								
Volume-----1,000,000 ft. b. m.-----			165	369	413	307	179	185
Value-----\$1,000-----			449	982	1,334	1,630	889	1,259
Free use:								
Volume-----1,000,000 ft. b. m.-----	105	88	116	326	154	121	101	109
Value-----\$1,000-----	176	113	<sup>6</sup> 117	<sup>7</sup> 304	<sup>7</sup> 171	<sup>7</sup> 215	<sup>7</sup> 196	<sup>7</sup> 224
Misc. forest products, value-----do-----		10	23	57	104	211	226	255
Receipts, total-----do-----	2,041	4,793	6,752	5,859	16,048	33,595	74,732	65,707
Timber use-----do-----	1,011	2,044	4,390	3,943	11,587	29,379	69,252	61,289
Grazing use-----do-----	970	2,486	1,943	1,463	2,159	3,385	4,416	3,107
Special land use, water power, etc.-----do-----	60	263	419	453	2,302	831	1,064	1,311
Payments to States and territories, total <sup>8</sup> -----do-----	511	1,253	1,719	1,456	4,039	8,459	18,865	16,543
25-percent fund-----do-----	510	1,180	1,678	1,433	4,003	8,343	18,697	16,394
Ariz. and N. Mex. school fund-----do-----	1	73	41	23	36	72	123	103
State of Minnesota-----do-----						44	45	46
Allotments to Forest Service, total <sup>9</sup> -----do-----		472	671	678	1,601	3,476	7,480	6,569
Roads and trails (10 percent)-----do-----		472	671	573	1,601	3,338	7,480	6,559
Acquisition of lands-----do-----				105		138		10

<sup>1</sup> Number permitted to graze under pay permit. Calendar-year data beginning 1930.

<sup>2</sup> For most years, includes small number of swine. Excludes animals under 6 months of age.

<sup>3</sup> Figures cover 6-month period ending December.

<sup>4</sup> Excludes Forest Highway Construction. <sup>5</sup> Calendar year data beginning 1930.

<sup>6</sup> Calendar year. <sup>7</sup> Includes some free use not reducible to bd. ft. <sup>8</sup> Payments made in following year.

<sup>9</sup> For use in following year.

Source of tables 873 and 874: Department of Agriculture, Forest Service.



**No. 875.—LIVESTOCK UNDER PAY PERMIT ON NATIONAL FORESTS IN 1953, AND RECEIPTS FROM GRAZING FOR 1954, BY STATES**

[No livestock grazed or money received from Alaska or Puerto Rico. Receipts from grazing are for year ending June 30; other data are for calendar year]

STATE	LIVESTOCK UNDER PAY PERMIT, 1953		Receipts from grazing, 1954 <sup>2</sup>	STATE	LIVESTOCK UNDER PAY PERMIT, 1953		Receipts from grazing, 1954 <sup>2</sup>
	Cattle and horses <sup>1</sup>	Sheep and goats <sup>1</sup>			Cattle and horses <sup>1</sup>	Sheep and goats <sup>1</sup>	
Total.....	Number 1, 108, 040	Number 2, 964, 102	\$1,000 3, 107		Number	Number	\$1,000
Alabama.....	100			North Carolina.....	20		
Arizona.....	142, 817	87, 463	410	Oklahoma.....	18		( <sup>3</sup> )
Arkansas.....	2, 808		2	Oregon.....	70, 840	141, 146	190
California.....	103, 333	121, 223	229	Pennsylvania.....	24		
Colorado.....	149, 740	593, 182	463	South Carolina.....	813		( <sup>3</sup> )
Florida.....	3, 018		4	South Dakota.....	22, 631	12, 983	34
Georgia.....	65			Tennessee.....	98		( <sup>3</sup> )
Idaho.....	108, 185	625, 495	364	Texas.....	1, 758		1
Louisiana.....	1, 387		1	Utah.....	108, 044	476, 539	346
Mississippi.....	2, 901		2	Vermont.....	95		
Missouri.....	5, 910		15	Virginia.....	97	196	( <sup>3</sup> )
Montana.....	115, 312	236, 172	300	Washington.....	19, 039	39, 665	48
Nebraska.....	12, 371		45	West Virginia.....	1, 024	1, 124	3
Nevada.....	55, 903	138, 895	132	Wyoming.....	104, 418	404, 099	291
New Mexico.....	75, 271	85, 920	227				

<sup>1</sup> Excludes animals under 6 months of age.

<sup>2</sup> Includes grazing trespass.

<sup>3</sup> Less than \$500.

Source: Department of Agriculture, Forest Service.

**No. 876.—PAYMENTS TO STATES, ALASKA, AND PUERTO RICO FROM RECEIPTS OF NATIONAL FORESTS: 1952 TO 1955**

[In thousands of dollars. For years ending June 30. Payments are 25 percent of net receipts collected during the preceding fiscal year from sales of timber, grazing fees, and miscellaneous uses of national forests (exclusive of school-fund payments to Arizona and New Mexico, and payments for acquisition of land), under Act of May 23, 1908]

STATE OR OTHER AREA	1952	1953	1954	1955	STATE OR OTHER AREA	1952	1953	1954	1955
Total.....	13, 974	17, 358	18, 697	16, 394	Nevada.....	46	58	56	39
Alabama.....	99	199	197	152	New Hampshire.....	39	33	40	24
Arizona.....	434	533	496	415	New Mexico.....	198	213	224	194
Arkansas.....	538	565	464	608	North Carolina.....	84	125	142	129
California.....	2, 345	3, 292	2, 781	2, 537	North Dakota.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Colorado.....	283	302	342	283	Ohio.....	4	5	5	6
Florida.....	82	110	182	134	Oklahoma.....	58	62	52	60
Georgia.....	95	143	122	124	Oregon.....	4, 292	4, 960	6, 029	4, 988
Idaho.....	821	887	939	975	Pennsylvania.....	23	34	49	46
Illinois.....	18	16	17	17	South Carolina.....	151	240	271	205
Indiana.....	2	2	3	3	South Dakota.....	91	99	106	66
Iowa.....	( <sup>1</sup> )	1	( <sup>1</sup> )	1	Tennessee.....	51	78	72	95
Kentucky.....	32	40	45	42	Texas.....	321	511	575	403
Louisiana.....	102	155	152	154	Utah.....	148	182	194	151
Maine.....	3	2	3	2	Vermont.....	40	35	36	42
Michigan.....	128	158	150	184	Virginia.....	46	48	56	62
Minnesota.....	111	138	131	141	Washington.....	2, 321	2, 808	3, 435	2, 836
Mississippi.....	309	432	406	380	West Virginia.....	34	42	49	48
Missouri.....	36	38	36	41	Wisconsin.....	91	114	97	130
Montana.....	330	500	554	505	Wyoming.....	142	165	171	151
Nebraska.....	17	21	17	11	Alaska.....	5	8	7	7
					Puerto Rico.....	3	4	4	3

<sup>1</sup> Less than \$500.

Source: Department of Agriculture, Forest Service; annual report, *Agricultural Statistics*.

NO. 877.—NATIONAL FORESTS—NUMBER OF SPORTSMAN-TRAPPER USERS, KILL OF BIG GAME ANIMALS, AND EXTENT OF FISHING WATERS, BY STATES AND FOR ALASKA: 1950 TO 1954

[Data are estimated and cover years ending June 30. Totals are rounded and represent sums of rounded figures]

STATE OR OTHER AREA	Fisher- men <sup>1</sup>	Fishing streams	Fishing lakes <sup>2</sup>	Hunters	BIG GAME KILLED BY HUNTERS				Trap- pers
					Total <sup>3</sup>	Deer	Elk	Bear	
	<i>Number</i>	<i>Miles</i>	<i>Acres</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1950.....	3,160,000	81,373	2,306,524	*1,950,000	356,000	304,000	41,000	8,200	26,000
1951.....	3,520,000	81,373	2,306,524	*2,010,000	358,000	305,000	43,000	8,600	21,000
1952.....	4,010,000	81,373	2,306,524	*2,310,000	416,000	354,000	49,000	8,110	22,000
1953.....	4,260,000	81,373	2,306,524	*2,500,000	408,000	363,000	31,000	8,660	21,000
<b>1954</b>									
<b>All national forests.....</b>	<b>6,590,000</b>	<b>81,373</b>	<b>2,306,524</b>	<b>*3,070,000</b>	<b>452,000</b>	<b>400,000</b>	<b>37,000</b>	<b>8,900</b>	<b>13,000</b>
Alabama.....	25,000	546	505	26,000	170	170			40
Arizona.....	199,000	731	55,148	80,000	15,000	12,000	1,600	110	45
Arkansas.....	63,000	1,169	2,877	37,000	1,300	1,300			620
California.....	984,000	12,173	274,766	557,000	30,000	29,000		1,200	285
Colorado.....	814,000	8,304	49,930	158,000	41,000	36,000	4,900	300	160
Florida.....	40,000	515	22,752	23,000	990	970		20	15
Georgia.....	28,000	886	8,699	25,000	500	500			100
Idaho.....	483,000	10,352	175,768	144,000	33,000	23,000	8,400	1,100	220
Illinois.....	28,000	370	1,206	19,000					450
Indiana.....	17,000	220	27	16,000	10	10			550
Kentucky.....	40,000	308	11,000	20,000					100
Louisiana.....	28,000	175	56	16,000	220	220			120
Maine.....	1,600	21	8	500	100	100		5	5
Michigan.....	219,000	3,095	155,014	183,000	29,000	28,000		620	2,000
Minnesota.....	356,000	2,070	780,473	91,000	6,500	6,100		370	980
Mississippi.....	47,000	489	13,818	63,000	360	360			250
Missouri.....	222,000	992	956	123,000	1,800	1,800			2,100
Montana.....	277,000	8,450	96,624	198,000	31,000	24,000	6,200	680	450
Nebraska.....				50	30	30			
Nevada.....	21,000	1,061	1,825	21,000	9,300	9,300			30
New Hampshire.....	35,000	630	2,127	22,000	500	400		100	
New Mexico.....	90,000	524	943	44,000	7,000	6,800	70	90	10
North Carolina.....	95,000	1,920	29,343	63,000	1,500	1,400		100	240
Ohio.....	4,100	139	1,483	5,200	140	140			800
Oklahoma.....	1,000	350	84	2,500	95	95			10
Oregon.....	487,000	6,325	61,978	180,000	51,000	47,000	2,900	950	300
Pennsylvania.....	250,000	524	2,781	135,000	6,600	6,600		40	600
South Carolina.....	23,000	630	1,511	23,000	500	500			100
South Dakota.....	187,000	685	584	48,000	45,000	45,000	150		200
Tennessee.....	145,000	316	13,307	54,000	940	890		15	300
Texas.....	44,000	359	303	30,000	530	530			200
Utah.....	463,000	2,472	27,187	165,000	70,000	69,000	870	40	100
Vermont.....	7,700	222	3,381	13,000	860	820		40	130
Virginia.....	48,000	640	1,342	90,000	5,300	5,000		280	200
Washington.....	447,000	4,924	68,654	137,000	17,000	13,000	1,900	1,300	260
West Virginia.....	32,000	1,920	3	102,000	5,000	4,900		75	350
Wisconsin.....	87,000	1,561	103,314	58,000	3,900	3,700		240	550
Wyoming.....	185,000	4,279	86,724	72,000	29,000	18,000	10,000	240	100
Alaska.....	64,000	1,026	250,024	28,000	6,800	5,500	20	910	170

<sup>1</sup> Data for 1954 represent number of visits by fishermen.

<sup>2</sup> Includes 669,000 acres of artificial lakes; data from 1950 survey.

<sup>3</sup> Includes antelope, moose, mountain goat, bighorn, peccary, and wild boar, not shown separately.

<sup>4</sup> Includes 608,000 small-game hunters in 1950, 633,000 in 1951, 739,000 in 1952, 805,000 in 1953, and 1,020,000 small-game-hunter visits in 1954.

Source: Department of Agriculture, Forest Service.



# No. 878.—FOREST FIRES—NUMBER, AND AREA BURNED OVER ON FEDERAL, STATE, AND PRIVATE FOREST LANDS: 1933 TO 1953

[Area in thousands of acres. See also *Historical Statistics*, series F 145-150]

CALENDAR YEAR	FEDERAL LANDS, PROTECTED AREA <sup>1</sup>			STATE AND PRIVATE FORESTS <sup>2</sup>					
	Forest area <sup>2</sup>	Number of fires	Area burned over	On protected area			On unprotected area		
				Forest area <sup>2</sup>	Number of fires	Area burned over	Forest area <sup>2</sup>	Number of fires	Area burned over
1933-----	176,696	4,517	380	266,259	48,770	3,343	218,664	87,435	40,167
1934-----	182,167	8,064	658	282,979	61,254	3,515	209,558	93,345	37,648
1935-----	180,443	7,962	228	288,751	54,592	2,311	204,379	77,743	27,796
1936-----	187,122	11,144	425	298,365	73,709	3,792	195,650	141,432	38,990
1937-----	182,872	9,468	90	301,911	54,292	1,254	182,763	121,449	20,637
1938-----	191,860	9,873	316	308,458	76,326	2,623	158,884	146,030	30,876
1939-----	157,691	12,356	522	278,919	85,677	3,266	148,812	114,638	26,660
1940-----	153,723	14,076	482	281,706	73,527	2,934	146,749	107,824	22,432
1941-----	153,559	10,002	437	282,074	80,994	3,138	143,743	108,706	22,830
1942-----	153,561	9,941	576	290,928	75,849	3,863	136,687	122,428	27,415
1943-----	183,052	9,892	702	299,331	78,815	3,860	131,275	121,619	27,772
1944-----	212,344	8,985	375	301,228	56,148	2,301	129,919	66,096	13,873
1945-----	213,210	8,539	445	302,942	48,176	2,456	126,959	68,013	14,780
1946-----	213,597	9,670	321	318,505	66,103	2,253	120,489	96,505	18,117
1947-----	215,361	8,928	318	327,968	71,442	2,814	111,026	120,429	20,093
1948-----	217,724	6,681	312	339,463	61,095	1,962	99,531	106,413	14,283
1949-----	214,505	9,592	317	357,168	78,649	2,320	81,826	105,533	12,760
1950-----	212,622	8,418	391	360,564	96,578	3,407	66,130	103,404	11,720
1951-----	212,502	8,638	471	363,414	97,230	3,056	63,280	53,222	7,255
1952-----	212,518	9,634	281	368,692	118,363	6,347	58,002	60,280	7,559
1953-----	212,394	10,149	318	373,826	94,446	2,534	52,868	49,565	7,124

<sup>1</sup> In continental U. S.; comprises National Forests, Interior, Soil Conservation Service, TVA, Public Domain, etc.

<sup>2</sup> Prior to 1939, forest area included total area needing protection. Beginning with 1939, this area included only forest area needing protection, which accounts for reduction in areas between 1938 and 1939.

<sup>3</sup> In continental U. S. and Hawaii. Data reported to Forest Service by its field offices, cooperating agencies, other Government bureaus, and similar sources. Statistics on unprotected areas based on State estimates.

Source: Department of Agriculture, Forest Service: annual report, *Forest Fire Statistics*, and records.

# No. 879.—FOREST FIRES—EXPENDITURES FOR CONTROL ON STATE AND PRIVATE FOREST LANDS, 1920 TO 1954, AND BY STATES, 1954

[In thousands of dollars. See also *Historical Statistics*, series F 151-154]

FISCAL YEAR AND STATE	Total expend- itures	Federal	State and county	Private agen- cies	STATE	Total expend- itures	Federal	State and county	Private agen- cies
1920-----	945	85	860	-----	1954—Con.	-----	-----	-----	-----
1930-----	5,500	1,252	4,248	-----	Florida-----	2,138	515	1,466	157
1940-----	9,188	1,988	7,200	-----	Georgia-----	2,679	506	2,131	42
1941-----	9,278	1,979	7,299	-----	Idaho-----	460	131	192	137
1942-----	11,168	2,703	6,272	2,193	Louisiana-----	1,217	287	923	7
1943-----	13,743	4,624	6,714	2,405	Maine-----	941	224	717	-----
1944-----	13,960	5,870	6,351	1,739	Michigan-----	1,959	395	1,564	-----
1945-----	14,601	5,925	6,562	2,114	Minnesota-----	944	309	635	-----
1946-----	16,899	7,012	7,498	2,389	Mississippi-----	1,110	298	812	-----
1947-----	19,603	7,890	9,477	2,236	Missouri-----	714	187	527	-----
1948-----	23,500	8,604	12,831	2,065	New York-----	1,136	246	890	-----
1949-----	27,875	8,572	17,201	2,102	North Carolina-----	1,123	295	800	28
1950-----	28,934	8,551	13,121	2,262	Oregon-----	2,614	591	1,278	745
1951-----	33,160	8,996	21,885	2,279	Pennsylvania-----	895	189	706	-----
1952-----	35,597	8,960	23,734	2,903	South Carolina-----	1,230	267	963	-----
1953-----	37,716	8,946	26,460	2,310	Tennessee-----	806	205	598	3
1954-----	39,435	8,934	28,395	2,106	Texas-----	747	204	454	89
Alabama-----	1,107	314	691	102	Virginia-----	842	204	626	12
Arkansas-----	991	241	680	70	Washington-----	2,235	541	1,189	505
California-----	7,654	1,367	6,287	-----	West Virginia-----	446	140	306	-----
					Wisconsin-----	1,423	295	1,128	-----
					Other States <sup>1</sup> -----	4,024	983	2,832	209

<sup>1</sup> Comprises Hawaii and all States with expenditures of less than \$500.

Source: Department of Agriculture, Forest Service; records.

# No. 880.—LUMBER PRODUCTION, BY KIND OF WOOD, AND AVERAGE MILL VALUE: 1869 TO 1953

[Data not strictly comparable because of incomplete coverage of numerous small mills in the East prior to 1942 and exclusion of mills cutting less than 50 M ft. b. m. for all years prior to 1942 except 1869-1909 and 1919. Exclusion of under 50 M class of mills would affect totals less than 1 percent as reflected by 1942 survey. Data for 1943-46 and for 1949-53 are based on sample surveys; see source for sampling reliability. See also *Historical Statistics*, series F 109-111 and F 120-122, for similar but not identical figures from Dept. of Agri. Forest Service]

YEAR	PRODUCTION (millions of bd. ft.)			AVERAGE MILL VALUE (dollars per 1,000 bd. ft.)		
	Total	Soft-wood	Hard-wood	Total	Soft-wood	Hard-wood
1869.....	12,756					
1879.....	18,091					
1889.....	23,842			11.41		
1899.....	<sup>1</sup> 35,078	26,146	8,634	11.13	10.27	13.53
1909.....	44,510	33,897	10,613	15.38	14.08	19.52
1919.....	34,552	27,407	7,145	30.21	28.39	37.32
1929.....	36,886	29,813	7,073	26.94	24.31	38.04
1935.....	19,539	16,248	3,291	20.43	19.08	27.09
1940.....	28,934	24,903	4,031	23.32	22.48	28.47
1943.....	34,289	26,917	7,371	36.86	35.57	41.57
1945.....	28,122	21,140	6,982	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1947.....	35,404	27,937	7,467	55.00	55.00	56.00
1949.....	32,176	26,472	5,704	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1950.....	38,007	30,633	7,374	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1951.....	37,204	29,493	7,711	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1952.....	37,462	30,234	7,228	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1953.....	36,742	29,562	7,180	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

KIND OF WOOD	PRODUCTION (millions of bd. ft.)									
	1899	1919	1929	1939	1945	1949	1950	1951	1952	1953
<b>Softwood, total</b> .....	26,146	27,407	29,813	21,408	21,140	26,472	30,633	29,493	30,234	29,562
Cedar.....	233	332	309	264	303	<sup>3</sup> 264	<sup>3</sup> 313	<sup>3</sup> 332	<sup>3</sup> 339	<sup>3</sup> 410
Cypress.....	496	656	532	422	228	239	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Douglas fir.....	1,737	5,902	8,689	6,494	6,237	9,074	9,984	10,372	10,569	10,367
Hemlock.....	3,421	1,755	2,099	676	1,039	1,177	1,508	1,502	1,525	1,441
Larch.....	51	388	245	111	191	224	246	293	( <sup>4</sup> )	403
Ponderosa pine.....	945	1,755	3,288	3,360	3,056	3,715	3,865	3,706	3,498	3,783
Redwood.....	360	410	486	345	444	744	875	860	900	969
Southern yellow pine.....	9,659	13,063	11,630	7,749	7,210	8,259	9,939	8,495	8,572	7,581
Spruce.....	1,442	980	564	347	358	<sup>5</sup> 208	( <sup>4</sup> )	<sup>5</sup> 253	<sup>5</sup> 408	<sup>5</sup> 506
Sugar pine.....	54	134	349	309	228	380	425	400	382	433
White fir.....	( <sup>2</sup> )	223	307	98	499	759	1,114	1,285	1,667	1,577
White pine.....	7,742	1,724	1,248	1,158	1,269	1,119	1,292	1,315	1,238	1,354
Other softwoods.....	6	85	67	75	78	310	1,072	680	1,136	738
<b>Hardwood, total</b> .....	8,634	7,145	7,073	3,740	6,982	5,704	7,374	7,711	7,228	7,180
Ash.....	269	155	152	90	84	121	81	98	127	112
Basswood.....	308	184	133	96	100	103	( <sup>6</sup> )	( <sup>6</sup> )	148	( <sup>6</sup> )
Beech.....	( <sup>2</sup> )	359	187	120	352	256	325	332	223	236
Birch.....	133	375	374	141	152	152	137	152	120	132
Cottonwood.....	415	144	165	130	209	217	225	241	404	406
Elm.....	457	194	176	74	159	144	( <sup>6</sup> )	164	237	210
Hickory.....	97	170	57	38	159	102	128	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Maple.....	633	857	824	445	522	508	546	584	566	551
Oak.....	4,438	2,708	2,574	1,432	2,859	2,518	3,347	3,590	3,353	3,339
Sweet (red and sap) gum.....	285	851	1,104	383	971	515	758	792	567	530
Tupelo and black gum.....	( <sup>2</sup> )	144	307	271	439	290	342	366	313	331
Yellow poplar.....	1,115	329	436	276	578	556	833	753	671	709
Other hardwoods.....	484	675	584	244	398	222	652	639	499	624

<sup>1</sup> Includes 298,000,000 board feet of lumber not reported by kind of wood. <sup>2</sup> Not available.

<sup>3</sup> Incense, Port Orford, and western red cedar only; eastern red cedar included in "Other softwoods."

<sup>4</sup> Included in "Other softwoods."

<sup>5</sup> Englemann, Sitka, and blue spruce only; eastern spruce included in "Other softwoods."

<sup>6</sup> Included in "Other hardwoods."

Source: Department of Commerce, Bureau of the Census (in cooperation with Business and Defense Services Administration); reports of Census of Manufactures and annual report, *Lumber Production and Mill Stocks*, Facts for Industry, Series M13G.



## No. 881.—LUMBER PRODUCTION, BY REGIONS AND STATES: 1889 TO 1953

[In millions of board feet. See headnote, table 880 for explanation of lack of comparability of statistics]

REGION AND STATE	1889	1909	1929	1939 <sup>1</sup>	1947	1949	1950	1951	1952	1953
<b>United States</b> .....	<b>23, 842</b>	<b>44, 510</b>	<b>36, 886</b>	<b>25, 148</b>	<b>35, 404</b>	<b>32, 176</b>	<b>38, 007</b>	<b>37, 204</b>	<b>37, 462</b>	<b>36, 742</b>
<b>Northeastern States</b> .....	<b>4, 726</b>	<b>5, 197</b>	<b>1, 232</b>	<b>1, 140</b>	<b>2, 324</b>	<b>1, 900</b>	<b>2, 103</b>	<b>2, 368</b>	<b>2, 244</b>	<b>2, 334</b>
Maine.....	597	1, 112	258	215	459	(2)	(2)	(2)	(2)	(2)
New Hampshire.....	277	650	192	266	323	(2)	(2)	(2)	(2)	(2)
Vermont.....	384	352	120	126	204	236	(2)	(2)	(2)	(2)
Massachusetts.....	212	361	72	126	132	(2)	(2)	(2)	(2)	(2)
Connecticut.....	49	168	30	25	20	(2)	(2)	(2)	(2)	(2)
Rhode Island.....	8	25	7	12	3	(2)	(2)	(2)	(2)	(2)
New York.....	925	681	160	108	383	334	(2)	(2)	(2)	(2)
New Jersey.....	34	62	16	14	32	(2)	(2)	(2)	(2)	(2)
Pennsylvania.....	2, 133	1, 463	314	186	580	(2)	(2)	(2)	(2)	(2)
Maryland.....	82	268	55	51	154	(2)	(2)	(2)	(2)	(2)
Delaware.....	23	55	10	11	34	(2)	(2)	(2)	(2)	(2)
<b>Central States</b> .....	<b>3, 130</b>	<b>5, 487</b>	<b>2, 347</b>	<b>1, 231</b>	<b>2, 393</b>	<b>1, 961</b>	<b>2, 327</b>	<b>2, 190</b>	<b>2, 033</b>	<b>2, 111</b>
Ohio.....	565	543	176	111	265	(2)	(2)	(2)	(2)	(2)
Indiana.....	755	556	170	111	180	(2)	(2)	(2)	(2)	(2)
Illinois.....	222	170	38	27	100	(2)	(2)	(2)	(2)	(2)
Missouri.....	402	660	228	74	259	163	166	(2)	(2)	(2)
West Virginia.....	302	1, 473	633	324	484	480	(2)	(2)	(2)	(2)
Kentucky.....	423	861	339	207	439	(2)	(2)	(2)	(2)	(2)
Tennessee.....	460	1, 224	764	376	665	643	704	(2)	(2)	(2)
<b>Southern States</b> .....	<b>3, 718</b>	<b>14, 796</b>	<b>12, 484</b>	<b>7, 549</b>	<b>9, 397</b>	<b>7, 358</b>	<b>9, 383</b>	<b>8, 429</b>	<b>8, 300</b>	<b>7, 416</b>
Georgia.....	575	1, 342	1, 386	907	1, 687	1, 510	2, 018	2, 177	2, 082	(2)
Florida.....	412	1, 202	1, 137	603	534	436	(2)	(2)	(2)	(2)
Alabama.....	589	1, 691	2, 059	1, 412	1, 795	2, 297	2, 139	1, 541	1, 602	1, 470
Mississippi.....	454	2, 573	2, 669	1, 201	1, 397	872	1, 242	1, 189	1, 043	825
Arkansas.....	538	2, 111	1, 348	1, 110	1, 285	(2)	(2)	(2)	(2)	(2)
Louisiana.....	304	3, 552	2, 232	1, 036	1, 269	919	950	846	879	807
Texas.....	843	2, 099	1, 452	1, 137	1, 347	1, 122	1, 336	1, 032	892	743
Oklahoma.....	3	226	200	143	83	(2)	(2)	(2)	(2)	(2)
<b>South Atlantic States</b> .....	<b>1, 129</b>	<b>5, 177</b>	<b>2, 979</b>	<b>2, 367</b>	<b>3, 577</b>	<b>3, 568</b>	<b>4, 502</b>	<b>4, 363</b>	<b>3, 886</b>	<b>3, 858</b>
Virginia.....	416	2, 102	708	679	1, 166	1, 033	1, 557	(2)	1, 188	1, 140
North Carolina.....	515	2, 178	1, 202	1, 042	1, 540	1, 739	1, 994	2, 022	1, 740	1, 797
South Carolina.....	199	898	1, 068	646	871	804	951	(2)	(2)	(2)
<b>Lake States</b> .....	<b>8, 251</b>	<b>5, 476</b>	<b>1, 771</b>	<b>781</b>	<b>1, 310</b>	<b>864</b>	<b>1, 065</b>	<b>963</b>	(2)	(2)
Michigan.....	4, 300	1, 890	571	333	580	(2)	(2)	(2)	405	293
Minnesota.....	1, 084	1, 562	357	111	244	(2)	(2)	(2)	(2)	(2)
Wisconsin.....	2, 866	2, 025	843	337	486	(2)	(2)	(2)	(2)	(2)
<b>Pacific States</b> .....	<b>2, 028</b>	<b>6, 905</b>	<b>14, 149</b>	<b>10, 693</b>	<b>14, 216</b>	<b>14, 439</b>	<b>16, 108</b>	<b>16, 626</b>	<b>17, 222</b>	<b>17, 284</b>
Washington.....	1, 064	3, 863	7, 302	4, 244	3, 705	3, 442	3, 606	3, 538	3, 607	3, 752
Oregon.....	446	1, 899	4, 784	4, 765	7, 102	7, 185	8, 239	8, 219	9, 037	8, 423
California and Nevada.....	518	1, 144	2, 063	1, 685	3, 409	3, 812	4, 263	4, 869	4, 578	5, 109
<b>Rocky Mountain States</b> .....	<b>249</b>	<b>1, 292</b>	<b>1, 843</b>	<b>1, 336</b>	<b>2, 062</b>	<b>1, 990</b>	<b>2, 419</b>	<b>2, 265</b>	<b>2, 498</b>	<b>2, 624</b>
Montana.....	90	309	389	271	500	459	480	553	1, 166	1, 101
Idaho.....	28	646	1, 029	675	951	926	1, 127	1, 010	(2)	757
Arizona.....	5	63	175	119	220	(2)	(2)	(2)	(2)	(2)
New Mexico.....	26	92	148	106	127	107	(2)	(2)	(2)	(2)
Colorado.....	80	142	72	84	145	135	(2)	(2)	(2)	(2)
Utah.....	14	13	5	15	38	(2)	(2)	(2)	(2)	(2)
Wyoming.....	6	29	26	65	81	(2)	(2)	(2)	(2)	(2)
<b>All other</b> .....	<b>612</b>	<b>5 179</b>	<b>81</b>	<b>51</b>	<b>125</b>	<b>96</b>	<b>100</b>	<b>(2)</b>	<b>(2)</b>	<b>(2)</b>
PERCENT DISTRIBUTION										
<b>United States</b> .....	<b>100. 0</b>	<b>100. 0</b>	<b>100. 0</b>	<b>100. 0</b>	<b>100. 0</b>	<b>100. 0</b>	<b>100. 0</b>	<b>100. 0</b>	<b>100. 0</b>	<b>100. 0</b>
Northeastern States.....	19. 8	11. 7	3. 3	4. 5	6. 6	5. 9	5. 5	6. 4	6. 0	6. 4
Central States.....	13. 1	12. 3	6. 4	4. 9	6. 8	6. 1	6. 1	5. 9	5. 4	5. 7
Southern States.....	15. 6	33. 2	33. 8	30. 0	26. 5	22. 9	24. 7	22. 7	22. 2	20. 2
South Atlantic States.....	4. 7	11. 6	8. 1	9. 4	10. 1	11. 1	11. 8	11. 7	10. 4	10. 5
Lake States.....	34. 6	12. 3	4. 8	3. 1	3. 7	2. 7	2. 8	2. 6	(2)	(2)
Pacific States.....	8. 5	15. 5	38. 4	42. 5	40. 1	44. 9	42. 4	44. 7	46. 0	47. 0
Rocky Mountain States.....	1. 0	2. 9	5. 0	5. 3	5. 8	6. 2	6. 4	6. 1	6. 7	7. 1
All other.....	2. 6	0. 4	0. 2	0. 2	0. 4	0. 3	0. 3	(2)	(2)	(2)

<sup>1</sup> Includes 165,305,000 board feet of softwood lumber and 7,605,000 board feet of hardwood lumber sawed by New England mills from timber salvaged from the hurricane of 1938. <sup>2</sup> Not available separately.

<sup>3</sup> Includes the Prairie States, i.e., Iowa, Kansas, Nebraska, and North Dakota, not available separately.

<sup>4</sup> California only; for 1909 Nevada included with "All other."

<sup>5</sup> Includes Nevada.

Source: Department of Commerce, Bureau of the Census (in cooperation with Business and Defense Services Administration); reports of Census of Manufactures and annual report, *Lumber Production and Mill Stocks*, Facts for Industry, Series M13G.

No. 882.—LUMBER PRODUCTION, CONSUMPTION, STOCKS, EXPORTS, AND IMPORTS:  
1950 TO 1954

[In millions of board feet]

ITEM	1950	1951	1952	1953	1954 (prel.)
Production, total.....	38,902	37,515	37,462	36,742	37,329
Softwoods.....	31,528	29,804	30,234	29,562	29,296
Hardwoods.....	7,374	7,711	7,228	7,180	8,033
Consumption, total <sup>1</sup> .....	42,139	38,560	40,150	38,699	40,008
Softwoods.....	34,664	31,522	32,795	31,305	32,586
Hardwoods.....	7,475	7,038	7,355	7,394	7,422
Gross mill stocks, total.....	6,383	8,093	8,242	9,032	9,270
Softwoods.....	4,407	5,082	4,982	5,777	5,275
Hardwoods.....	1,976	3,011	3,260	3,255	3,995
Ratio of total mill stocks to total consumption, percent.....	15	21	21	23	23
Softwoods.....	13	16	15	18	16
Hardwoods.....	26	43	44	44	54
Exports, total <sup>2</sup> .....	518	994	735	644	723
Softwoods.....	386	816	540	472	555
Hardwoods.....	71	109	99	97	97
Imports, total <sup>2</sup> .....	3,432	2,520	2,487	2,770	3,066
Softwoods.....	3,140	2,249	2,267	2,527	2,855
Hardwoods.....	283	262	215	233	209

<sup>1</sup> Includes exports.<sup>2</sup> Includes box shooks and railroad ties (sawed) not shown separately.Source: National Lumber Manufacturers Association, Washington, D. C.; quarterly report, *National Survey of Lumber Demand and Supply*, and records.No. 883.—PRODUCTION OF WOOD AND MILLWORK PRODUCTS AND PAINT, VARNISH  
AND LACQUER: 1951 TO 1954

ITEM	1951	1952	1953	1954
Hardwood flooring.....1,000 bd. ft.....	1,048,320	1,004,117	1,004,558	1,145,118
Douglas fir plywood.....1,000,000 sq. ft.....	2,875	3,051	3,704	3,825
Insulating boards.....tons.....	925,744	879,655	952,562	1,013,740
Hardboard.....do.....	343,552	396,219	423,428	493,258
Douglas fir doors (panel type).....1,000 units.....	5,119	5,288	4,070	3,522
Ponderosa pine doors.....do.....	3,148	2,417	2,437	2,285
Hardwood doors.....do.....	1,030	1,207	1,301	1,665
Open sash.....do.....	10,424	10,514	11,419	11,054
Exterior frames.....do.....	4,543	4,543	5,072	5,791
Paint, varnish, and lacquer <sup>1</sup> .....1,000 gal.....	270,722	274,992	276,326	271,091

<sup>1</sup> Production for trade sales.Source: Data compiled by Department of Commerce, Business and Defense Services Administration, from reports by various trade associations and Bureau of the Census; published in Department of Labor and Department of Commerce, *Construction Review*.



## No. 884.—PULPWOOD, WOOD PULP, PAPER AND PAPERBOARD: 1899 TO 1954

[Cords of 128 cu. ft.; short tons of 2,000 lbs. See also *Historical Statistics*, series F 132-134]

YEAR	Pulpwood consumption	Wood-pulp production <sup>1</sup>	Paper and paperboard production <sup>2</sup>	YEAR	Pulpwood consumption	Wood-pulp production <sup>1</sup>	Paper and paperboard production <sup>2</sup>
	<i>Cords</i>	<i>Short tons</i>	<i>Short tons</i>		<i>Cords</i>	<i>Short tons</i>	<i>Short tons</i>
1899-----	1,986,310	1,179,525	2,167,503	1945-----	16,911,861	10,167,200	17,370,965
1904-----	3,050,717	1,921,768	3,106,696	1946-----	17,817,560	10,606,527	19,277,667
1909-----	4,001,607	2,495,523	4,216,708	1947-----	19,714,229	11,945,864	21,114,000
1914-----	4,470,763	2,893,150	5,270,047	1948-----	21,189,458	12,872,292	21,897,301
1919-----	5,477,832	3,517,952	6,098,530	1949-----	19,945,440	12,207,279	20,315,436
1925-----	6,093,821	3,962,217	9,182,204	1950-----	23,627,217	14,848,951	24,375,468
1930-----	7,195,524	4,630,308	10,169,140	1951-----	26,521,795	16,524,408	26,046,697
1935-----	7,628,274	4,925,669	10,479,095	1952-----	26,460,730	16,472,979	24,418,383
1940-----	13,742,958	8,959,559	14,483,709	1953-----	28,140,922	17,537,297	26,540,483
1941-----	16,580,000	10,375,422	17,933,607	1954 <sup>3</sup> -----	29,436,383	18,341,175	26,656,631

<sup>1</sup> Beginning 1940, data on a new basis, i. e., figures include data for 6 mills not classified as pulp producers before 1940. For same reason, an additional mill was included in 1941 and 2 more added in 1943. 1940 figure on old basis, 8,851,740 tons.

<sup>2</sup> Beginning 1941, data on a new basis, i. e., figures include data for 25 mills not previously classified as producers of paper and paperboard. 1941 figure on old basis, 17,093,092 tons.

<sup>3</sup> Preliminary.

Source: Department of Commerce, Bureau of the Census. Published currently in *Facts for Industry*, Series M14A.

## No. 885.—PULPWOOD CONSUMPTION AND VENEER AND PLYWOOD LOG CONSUMPTION AND PRODUCTION, BY KIND OF WOOD: 1943 TO 1954

YEAR	PULPWOOD CONSUMPTION			VENEER AND PLYWOOD				
	Total	Softwood	Hardwood	Log consumption		Production		
				Softwood <sup>1</sup>	Hardwood <sup>2</sup>	Softwood plywood <sup>1</sup>	Hardwood <sup>2</sup>	
							Veneer	Plywood
	<i>Cords<sup>3</sup></i>	<i>Cords<sup>3</sup></i>	<i>Cords<sup>3</sup></i>	<i>1,000 ft., log scale</i>	<i>1,000 ft., log scale</i>	<i>1,000 sq. ft., 3/8 in. equiv.</i>	<i>1,000 sq. ft., surface meas.</i>	<i>1,000 sq. ft., surface meas.</i>
1943-----	415,644,500	13,477,074	1,287,983	659,479	934,860	1,495,170	9,870,597	1,211,814
1944-----	616,757,400	13,931,075	1,550,117	646,946	885,960	1,484,889	9,270,351	1,166,243
1945-----	16,911,861	14,519,870	2,391,991	545,762	-----	1,222,382	-----	-----
1946-----	17,817,560	15,384,176	2,433,384	641,738	-----	1,436,065	-----	-----
1947-----	19,714,229	17,021,974	2,692,255	750,633	-----	1,700,446	-----	-----
1948-----	21,189,458	18,490,916	2,698,542	857,722	-----	1,953,883	-----	-----
1949-----	19,945,440	17,330,495	2,614,945	906,709	-----	1,976,649	-----	-----
1950-----	23,627,217	20,405,910	3,221,307	1,157,202	-----	2,675,580	-----	-----
1951-----	26,521,795	22,768,368	3,753,427	1,231,643	1,039,075	2,994,773	11,061,946	<sup>4</sup> 1,467,248
1952-----	26,460,730	22,660,771	3,799,959	1,307,550	988,918	3,178,344	10,345,682	<sup>4</sup> 1,423,521
1953-----	28,140,922	23,762,997	4,377,925	1,861,435	953,504	3,848,062	10,105,508	1,304,769
1954 <sup>7</sup> -----	29,436,383	24,635,733	4,800,650	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )

<sup>1</sup> West coast softwood plywood industry, principally Douglas fir; includes some hardwood.

<sup>2</sup> Veneer and plywood industry other than west coast companies; includes some softwood.

<sup>3</sup> Cords of 128 cu. ft. (rough wood basis).

<sup>4</sup> Includes 641,838 cords of woods not classified by kind, and 237,605 cords of saw mill waste.

<sup>5</sup> Includes 988,873 cords of woods not classified by kind, and 287,335 cords of saw mill waste.

<sup>6</sup> Excludes hardwood plywood produced in west coast softwood plywood mills amounting to 76,871,000 square feet, 3/8" basis, in 1952.

<sup>7</sup> Preliminary. <sup>8</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series 16-3, M13A, M13B, M14A, and records.

## No. 886.—PAPER AND BOARD—PRODUCTION BY TYPE: 1950 TO 1954

[In tons of 2,000 pounds]

TYPE OF PAPER	1950	1951	1952	1953	1954 (prel.)
<b>All types</b> .....	24,375,468	26,046,697	24,418,383	26,540,483	26,656,631
<b>Paper, total</b> .....	10,638,692	11,624,727	10,898,366	11,398,724	11,614,655
Newsprint.....	1,013,346	1,108,672	1,108,723	1,068,661	1,191,760
Groundwood printing and specialty paper, uncoated, total.....	705,329	790,114	806,440	771,228	807,980
Printing and converting paper, paper machine coated, total.....	1,020,002	1,112,990	1,096,251	1,182,150	1,215,243
Book paper, uncoated, total.....	1,579,755	1,610,450	1,482,488	1,622,960	1,559,577
Fine paper, total.....	1,197,309	1,366,425	1,296,020	1,298,676	1,323,944
Coarse paper, total.....	3,297,392	3,627,072	3,234,393	3,392,000	3,428,608
Special industrial, incl. absorbent.....	460,343	535,972	517,244	554,396	526,209
Sanitary.....	1,148,351	1,243,858	1,148,467	1,277,694	1,320,353
Tissue.....	216,865	229,174	208,340	230,959	240,981
<b>Paperboard, total</b> .....	10,925,721	11,620,048	10,771,806	12,294,284	12,046,923
Liners.....	3,872,051	4,213,328	3,901,682	4,412,745	4,335,658
Corrugating material.....	1,633,575	1,784,163	1,583,046	1,906,116	1,816,530
Container chip and filler board.....	324,651	325,291	281,734	298,028	280,062
Folding boxboard.....	2,355,620	2,362,356	2,192,903	2,429,143	2,484,725
Set-up boxboard.....	708,782	733,457	687,599	763,341	710,302
Cardboard.....	86,748	85,298	69,407	75,215	79,227
All other paperboard.....	1,944,294	2,116,137	2,055,435	2,409,696	2,340,419
<b>Wet machine board, total</b> .....	164,611	150,559	140,175	156,496	132,114
Shoe board.....	49,128	46,690	49,718	50,640	(1)
Binder's board.....	41,583	41,240	37,335	42,685	(1)
Other.....	73,900	62,629	53,122	63,171	(1)
<b>Construction paper and board, total</b> .....	2,646,444	2,651,363	2,608,036	2,690,979	2,862,939
Construction paper.....	1,425,250	1,385,691	1,298,799	1,316,672	1,355,941
Insulating board and wood fibre hardboard.....	1,221,194	1,265,672	1,309,237	1,374,307	1,506,998

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; annual report, *Census of Pulp Mills and of Paper and Paperboard Mills*, Facts for Industry, Series M14A and M14D.

## No. 887.—WOOD PRODUCTS TREATED WITH PRESERVATIVES: 1909 TO 1954

[In thousands of cubic feet. See also *Historical Statistics*, series F 123-131]

PRODUCT	1909	1919	1930	1935	1940	1945	1950 <sup>1</sup>	1952	1953	1954 (prel.)
<b>Total</b> .....	75,947	146,061	332,319	179,439	265,473	279,450	269,985	310,563	292,569	244,958
Crossties.....	62,079	112,704	189,801	103,509	128,000	140,205	118,491	137,668	126,892	103,812
Poles <sup>2</sup> .....	660	6,661	75,258	35,793	74,129	74,391	77,622	78,219	73,099	62,679
Lumber.....	(3)	(3)	6,354	4,142	19,511	14,695	27,044	36,171	40,490	35,499
Piling.....	4,422	9,169	17,027	8,575	15,660	20,525	12,523	17,154	14,328	11,884
Switch ties.....	(4)	(4)	14,623	7,837	8,859	9,899	8,974	10,745	11,091	7,343
Fence posts.....	(3)	(3)	1,487	797	1,494	2,990	12,269	14,107	14,683	14,562
Construction timbers.....	5,286	12,062	19,013	15,683	12,496	9,803	5,777	5,088	(5)	(5)
Wood blocks.....	2,994	4,714	5,013	1,484	2,730	3,294	1,826	4,185	3,644	2,769
Cross arms.....	42	75	1,299	351	675	1,469	2,493	3,029	4,310	3,729
All other.....	464	676	2,444	1,268	1,919	2,179	2,966	4,197	4,032	2,681

<sup>1</sup> Prior to 1950 cubic volume for crossties, poles, piling, fence posts, wood blocks, and cross arms was based on number of units reported and an estimated average cubic volume per unit. For 1950 and subsequent years, cubic volume is based on volume reported by treating plants, and data are therefore not completely comparable with earlier years.

<sup>2</sup> Full-length and butt-treated poles.

<sup>3</sup> Included in "All other."

<sup>4</sup> Included in "Construction timbers."

<sup>5</sup> Included in "Lumber."

Source: Department of Agriculture, Forest Service (in cooperation with American Wood-Preserver's Association); annual report, *Quantity of Wood Treated and Preservatives Used in the United States*.



## No. 888.—WOOD PULP—PRODUCTION, BY STATES AND BY PROCESS: 1929 TO 1954

[In tons of 2,000 pounds]

STATE AND PROCESS	1929	1939	1947	1950	1951	1952	1953	1954 <sup>1</sup>
<b>Total</b> .....	4,862,885	6,993,334	11,945,864	14,848,951	16,524,408	16,472,979	17,537,297	18,341,175
<b>PROCESS</b>								
Groundwood.....	1,637,653	1,444,875	2,049,814	2,215,883	2,473,796	2,321,124	2,342,931	2,428,550
Defibrated or exploded.....	(2)	(2)	693,282	934,666	937,935	1,117,904	1,153,009	1,203,149
Special alpha and dissolving grades.....	1,681,511	1,946,452	2,795,962	478,849	616,202	706,033	677,326	791,109
Sulfite.....	918,084	2,962,657	5,356,710	2,369,587	2,525,325	2,364,976	2,322,606	2,382,890
Sulfate.....	520,729	441,565	491,580	7,501,429	8,571,770	8,568,704	9,444,816	9,807,982
Soda.....	104,908	197,785	558,516	522,221	446,260	425,415	427,546	431,603
Semi-chemical.....				685,906	803,387	828,917	1,028,721	1,126,314
Screenings, damaged, etc.....				140,410	149,733	139,906	140,342	169,578
<b>STATE</b>								
California.....	(3)		19,125	120,430	(3)	(3)	(3)	
Florida.....		449,162	783,258	1,207,538	1,326,157	1,485,571	1,675,065	
Georgia.....		(3)	(3)	1,091,708	1,209,445	1,227,057	1,372,386	
Illinois.....			(3)	78,928	74,880	59,822	60,519	
Louisiana.....	246,590	589,672	1,128,727	1,381,458	1,490,030	1,378,646	1,480,229	
Maine.....	981,433	941,273	1,237,075	1,182,759	1,349,568	1,303,691	1,226,213	
Michigan.....	178,015	200,325	232,678	239,762	272,837	239,226	280,931	
Minnesota.....	189,664	160,665	392,254	(3)	(3)	(3)	(3)	
Mississippi.....	(3)	(3)	476,264	778,977	778,259	971,906	1,098,434	
New Jersey.....			68,620	79,155	81,301	85,812	81,582	
New Hampshire.....	212,774	(3)	174,137	(3)	236,330	(3)	(3)	(4)
New York.....	662,988	460,652	645,955	578,997	711,216	630,928	585,113	
North Carolina.....	(3)	179,636	474,020	(3)	675,599	750,016	838,366	
Ohio.....	(3)	(3)	(3)	63,061	63,499	65,290	69,703	
Pennsylvania.....	213,083	193,958	288,757	308,359	315,551	302,536	310,047	
Oregon.....	(3)	288,047	436,078	526,874	625,457	616,410	650,007	
Vermont.....	26,307	(3)	(3)	(3)	(3)	(3)	(3)	
Virginia.....	206,050	402,929	630,384	751,327	851,861	732,096	817,330	
Washington.....	523,948	1,126,114	1,591,229	1,870,662	2,065,202	2,067,708	2,158,318	
Wisconsin.....	733,617	655,816	922,732	975,034	1,060,293	992,623	1,073,017	
Other States.....	688,416	1,345,085	2,444,571	3,613,922	3,336,923	3,563,641	3,760,037	

<sup>1</sup> Preliminary.<sup>2</sup> Production in these years only a small proportion of total.<sup>3</sup> Included in "Other States" to avoid disclosing data for individual establishments.<sup>4</sup> Not available.Source: Department of Commerce, Bureau of the Census; reports of Census of Manufactures; annual report, *Census of Pulp Mills and of Paper and Paperboard Mills*, Facts for Industry, Series M14A and M14D.

## No. 889.—NEWSPRINT—PRODUCTION, STOCKS, CONSUMPTION, IMPORTS AND PRICE: 1935 TO 1954

[Monthly averages; in tons of 2,000 pounds, except as indicated]

COUNTRY AND ITEM	1935	1940	1945	1949	1950	1951	1952	1953	1954
<b>CANADA, INCLUDING NEWFOUNDLAND <sup>1</sup></b>									
Production.....	256,916	314,162	299,325	431,361	439,882	459,690	473,921	476,775	498,684
Shipments from mills.....	254,145	316,985	296,076	430,361	442,553	458,626	472,204	477,714	497,538
Stocks at mills, end of month.....	245,293	261,342	139,763	159,770	146,397	138,042	146,094	157,473	159,326
<b>UNITED STATES</b>									
Consumption by publishers <sup>2</sup> .....	221,924	237,996	204,593	354,791	378,480	375,919	379,270	389,050	390,308
Production <sup>1</sup> .....	76,033	84,453	60,371	74,961	84,559	93,729	95,572	90,332	98,675
Shipments from mills <sup>1</sup> .....	76,436	84,411	60,455	74,805	84,773	93,785	95,226	90,640	98,827
Stocks, end of month:									
At mills <sup>1</sup> .....	17,735	16,869	7,135	11,892	8,543	8,452	8,926	8,538	8,501
At publishers <sup>2</sup> .....	224,535	297,813	252,956	398,088	333,778	386,874	506,699	514,416	470,195
In transit to publishers <sup>2</sup> .....	36,049	43,191	47,451	82,207	89,823	95,632	82,545	83,185	79,068
Imports <sup>2</sup> .....	198,610	230,212	222,400	386,630	405,338	413,569	419,679	417,134	416,004
Price, rolls, New York <sup>4</sup>									
dollars per ton.....	40.00	50.00	60.25	100.00	100.92	111.00			
Wholesale price, standard newsprint, rolls, contract, delivered to principal ports <sup>4</sup>									
dollars per ton.....				101.00	101.63	110.50	120.25	125.50	125.75

<sup>1</sup> Data from Newsprint Service Bureau and the Newsprint Association of Canada.<sup>2</sup> Data from American Newspaper Publishers Association.<sup>3</sup> Data from Bureau of the Census. <sup>4</sup> Data from Bureau of Labor Statistics.Source: Department of Commerce, Office of Business Economics; *Business Statistics Supplement to the Survey of Current Business* and records. Monthly data published currently in *Survey of Current Business*.

# No. 890.—TURPENTINE AND ROSIN—PRODUCTION, 1899 TO 1954, AND BY STATES, 1950 TO 1954

[See also *Historical Statistics*, series F 137-142, where source of figures for 1898-1932 are from *Gamble's International Naval Stores Year Book* and differ from census figures in this table]

YEAR <sup>1</sup>	TURPENTINE (barrels of 50 gallons)			ROSIN (drums 520 lbs. net)		
	Total	From gum <sup>2</sup>	From wood <sup>3</sup>	Total	From gum <sup>4</sup>	From wood <sup>5</sup>
1899.....	754, 670	754, 670	( <sup>4</sup> )	1, 947, 946	1, 947, 946	( <sup>4</sup> )
1904.....	622, 585	613, 741	8, 844	1, 571, 739	1, 571, 739	( <sup>4</sup> )
1909.....	<sup>6</sup> 594, 283	579, 779	14, 137	1, 462, 208	1, 462, 208	( <sup>4</sup> )
1914.....	<sup>6</sup> 552, 979	539, 620	11, 511	<sup>6</sup> 1, 319, 328	1, 292, 514	23, 218
1919.....	384, 563	353, 877	30, 687	1, 015, 774	910, 928	104, 846
1929-30.....	718, 802	626, 417	92, 385	1, 963, 349	1, 580, 505	382, 844
1932-33.....	575, 131	<sup>8</sup> 501, 000	<sup>7</sup> 74, 131	1, 658, 664	<sup>8</sup> 1, 362, 720	295, 944
1933-34.....	624, 761	<sup>8</sup> 526, 000	<sup>7</sup> 98, 761	1, 837, 870	<sup>8</sup> 1, 430, 448	407, 422
1934-35.....	603, 093	<sup>8</sup> 510, 000	<sup>7</sup> 93, 093	1, 783, 298	<sup>8</sup> 1, 387, 200	396, 098
1935-36.....	602, 908	497, 000	105, 908	1, 821, 193	<sup>8</sup> 1, 360, 950	460, 243
1936-37.....	634, 520	482, 787	151, 733	1, 865, 569	<sup>8</sup> 1, 286, 347	579, 222
1937-38.....	700, 331	518, 454	181, 877	2, 049, 573	<sup>8</sup> 1, 388, 343	661, 230
1938-39.....	709, 218	534, 291	174, 927	2, 089, 913	<sup>8</sup> 1, 466, 344	623, 569
1939-40.....	604, 778	382, 781	221, 997	1, 835, 177	<sup>8</sup> 1, 054, 236	780, 941
1940-41.....	566, 341	343, 938	222, 403	1, 717, 492	<sup>8</sup> 938, 911	778, 581
1941-42.....	548, 796	285, 050	263, 746	1, 708, 474	<sup>8</sup> 791, 710	916, 764
1942-43.....	560, 351	321, 930	238, 421	1, 655, 803	<sup>8</sup> 868, 698	787, 105
1943-44.....	508, 432	288, 382	220, 050	1, 462, 831	<sup>8</sup> 783, 565	679, 266
1944-45.....	471, 243	245, 194	226, 049	1, 317, 912	<sup>8</sup> 692, 212	625, 700
1945-46.....	488, 131	244, 252	243, 879	1, 452, 036	<sup>8</sup> 694, 476	757, 560
1946-47.....	569, 985	270, 286	299, 699	1, 720, 248	<sup>8</sup> 752, 535	967, 713
1947-48.....	640, 903	294, 028	346, 875	1, 990, 831	<sup>8</sup> 828, 128	1, 162, 703
1948-49.....	659, 140	324, 330	334, 810	2, 076, 110	<sup>8</sup> 921, 220	1, 154, 890
1949-50.....	673, 290	323, 010	350, 280	2, 023, 510	<sup>8</sup> 924, 900	1, 098, 610
1950-51.....	708, 550	271, 880	436, 670	2, 137, 030	<sup>8</sup> 797, 620	1, 339, 410
1951-52.....	683, 960	246, 460	437, 500	2, 049, 390	716, 350	1, 333, 040
1952-53.....	564, 940	217, 360	347, 580	1, 720, 890	638, 360	1, 082, 530
1953-54.....	537, 850	177, 680	360, 170	1, 744, 960	531, 620	1, 213, 340

STATE	PRODUCTION FROM CRUDE GUM <sup>1</sup>							
	Turpentine (barrels of 50 gallons)				Rosin (drums 520 lbs. net) <sup>9</sup>			
	1950-51	1951-52	1952-53	1953-54	1950-51	1951-52	1952-53	1953-54
Alabama.....	16, 300	13, 390	12, 490	( <sup>10</sup> )	47, 824	38, 683	37, 025	( <sup>10</sup> )
Florida.....	47, 100	41, 450	37, 310	29, 270	137, 891	120, 347	109, 798	87, 717
Georgia.....	207, 270	189, 890	166, 150	137, 600	608, 157	552, 306	487, 707	411, 474
Louisiana.....	1, 210	{	1, 730	10 10, 810	3, 188	{	5, 014	10 32, 429
Mississippi.....								
South Carolina.....								

<sup>1</sup> Figures for turpentine and rosin from crude gum, beginning 1929-30, and from wood beginning 1933-34, relate to crop year ending Mar. 31. All other figures relate to calendar years.

<sup>2</sup> Figures compiled from data reported by establishments in turpentine and rosin industry.

<sup>3</sup> Figures compiled from data reported by establishments in Wood-Distillation industry.

<sup>4</sup> Not reported.

<sup>5</sup> Includes, for 1909 and 1914, 366 barrels and 1,848 barrels respectively, of turpentine and, for 1914, 3,596 drums of rosin, reported by establishments engaged in manufacture of lumber and timber products.

<sup>6</sup> Estimated by J. E. Lockwood; complete data not available. Figures include estimates of rosin produced from reclaimed gum, as follows: 1932-33, 26,720 drums; 1933-34, 28,048; 1934-35, 27,200.

<sup>7</sup> Includes estimates by J. E. Lockwood for production of turpentine from steam-distilled wood.

<sup>8</sup> Includes data for rosin produced from reclaimed gum: For 1935-36, 43,350 drums; 1936-37, 34,155; 1937-38, 21,017; 1938-39, 31,983; 1939-40, 31,414; 1940-41, 20,181; 1941-42, 19,765; 1942-43, 11,297; 1943-44, 9,824; 1944-45, 8,066; 1945-46, 8,538; 1946-47, 8,449; 1947-48, 4,345; 1948-49, 4,230; 1949-50, 2,230; 1950-51, 560.

<sup>9</sup> For 1950-51, excludes data for rosin produced from reclaimed gum. See footnote 8.

<sup>10</sup> Alabama included with Mississippi and South Carolina.

Source: Department of Agriculture, Agricultural Marketing Service; *Annual Naval Stores Report*.



## 27. Fisheries

The first comprehensive statistical survey of the fisheries and fishery industries of the United States was made for the year 1880, although it did not include data for the Mississippi River and its tributaries. Periodic general surveys of a limited number of States or limited areas of the United States were made for various of the intervening years between 1880 and 1908 and from 1909 to 1928. A survey of the entire United States was made for 1908. The next general survey of the entire United States was not made until 1931, although complete data for all sections, excluding the Mississippi River and its tributaries, were collected for 1929 and 1930. Various sections were surveyed during the years from 1933 to 1949, inclusive. A complete survey of all sections of the country, including the manufacturing and wholesaling operations, was made for 1950.

The Fish and Wildlife Service, Branch of Commercial Fisheries, in the Department of the Interior, at present conducts these annual surveys for various statistical information on the fishery industries. Results from the surveys appear in greater detail in publications of the Service and include data on the volume of the catch of individual species of fish and shellfish and their value, employment in the fisheries, quantity of gear operated, the number of fishing and transporting craft employed in the capture and transporting of fishery products, employment in wholesale and manufacturing establishments, and volume and value of the production of manufactured fishery products. In addition to the basic statistics on employment, yield, and the production of manufactured fishery products for individual States and various geographical sections, the reports include data on imports and exports of fishery commodities; landings by fishing craft at Boston, Gloucester, New Bedford, and on Cape Cod, Massachusetts; at Maine ports; and Seattle, Washington; shad fisheries of the Hudson and Potomac Rivers; alewife fishery in the Potomac; seed oyster fisheries; a review of the Pacific Coast halibut fishery; a statement on whaling operations by United States firms; data on the sponge fishery; and lists of firms producing various manufactured fishery products.

**Historical statistics.**—Tabular headnotes (as “See also *Historical Statistics*, series F 155”) provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

Note.—This section presents data for the most recent year or period available on May 9, 1955, when the material was organized and sent to the printer.

### No. 891.—FISHERIES—SUMMARY OF TOTAL CATCH AND VALUE: 1930 TO 1954

[Includes Alaska beginning with 1941, data partly estimated. See also *Historical Statistics*, series F 155]

YEAR	Quantity (1,000 lbs.)	Value to fishermen (\$1,000)	Average price per pound (cents)	YEAR	Quantity (1,000 lbs.)	Value to fishermen (\$1,000)	Average price per pound (cents)
1930.....	3, 286, 580	109, 349	3. 33	1947.....	4, 344, 000	307, 600	7. 08
1940.....	4, 059, 524	98, 957	2. 44	1948.....	4, 575, 000	367, 000	8. 02
1941.....	4, 900, 000	129, 000	2. 63	1949.....	4, 796, 000	339, 000	7. 06
1942.....	3, 876, 524	170, 338	4. 39	1950.....	4, 884, 909	343, 876	7. 04
1943.....	4, 202, 000	204, 000	4. 85	1951.....	4, 414, 045	360, 996	8. 18
1944.....	4, 500, 000	213, 000	4. 73	1952.....	4, 418, 442	360, 135	8. 15
1945.....	4, 575, 500	269, 900	5. 90	1953 (prel.).....	4, 460, 000	340, 000	7. 64
1946.....	4, 456, 000	310, 000	6. 96	1954 (prel.).....	4, 700, 000	345, 000	7. 34

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the U. S.*

## No. 892.—FISHERIES—FISHERMEN, FISHING CRAFT, AND CATCH, BY SECTIONS: 1952

[See also *Historical Statistics*, series F 166-192, for data on quantity of catch]

SECTION	Fisher- men	Fish- ing vessels	Fish- ing boats <sup>1</sup>	CATCH					
				Quantity			Value to fishermen		
				Total	Fish	Shell- fish	Total	Fish	Shell- fish
Total.....	Num- ber <sup>2</sup> 152,509	Num- ber <sup>2</sup> 11,265	Num- ber 75,085	1,000 pounds 4,418,442	1,000 pounds 3,849,829	1,000 pounds 568,613	\$1,000 360,135	\$1,000 226,504	\$1,000 133,631
New England States.....	23,497	916	12,809	954,563	892,753	61,810	67,296	41,123	26,173
Middle Atlantic States.....	12,485	653	5,257	593,190	547,411	45,779	28,908	11,404	17,504
Chesapeake Bay States.....	16,727	496	10,559	283,626	180,326	103,300	26,528	7,439	19,089
South Atlantic and Gulf States.....	36,209	3,688	15,200	1,195,815	912,819	282,996	87,838	25,120	62,718
Pacific Coast States.....	26,848	3,173	6,546	831,879	791,590	40,289	90,720	84,216	6,504
Great Lakes States.....	4,841	661	1,810	81,813	81,809	4	11,477	11,476	1
Mississippi River States.....	19,197	-----	17,720	103,372	78,730	24,642	10,130	9,558	572
Alaska.....	14,383	2,009	5,184	374,184	364,391	9,793	37,238	36,168	1,070

<sup>1</sup> Refers to craft having capacity of less than 5 net tons.<sup>2</sup> Exclusive of duplication.Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the U. S.*

## No. 893.—FISHERIES—CATCH OF PRINCIPAL SPECIES: 1931 TO 1954

[In thousands of pounds. Includes Alaska. See also *Historical Statistics*, series F 160]

GROUP AND SPECIES	1931	1939	1945	1949	1950	1951	1952	1953	1954
<b>FISH</b>									
Cod.....	112,303	124,347	153,027	71,012	65,436	59,591	54,530	(1)	44,000
Haddock.....	195,419	178,524	154,988	134,971	158,559	154,103	161,497	(1)	155,000
Herring, sea.....	169,574	262,810	236,919	205,030	363,765	154,321	211,188	139,000	160,000
Mackerel.....	61,645	113,503	112,390	91,841	54,744	49,266	38,792	(1)	(1)
Menhaden.....	230,398	575,480	778,464	1,075,573	1,026,318	1,127,065	1,383,592	1,700,000	1,750,000
Pilchard or sardine.....	300,204	1,240,975	849,971	633,540	714,522	328,894	14,330	9,469	133,000
Salmon.....	601,095	526,978	498,892	484,206	328,645	374,225	352,274	320,000	312,000
Tuna and tuna-like.....	60,059	182,165	185,925	335,680	392,273	319,748	324,914	313,000	325,000
Ocean perch.....	237	78,206	131,834	236,987	207,793	258,320	195,475	154,000	181,000
<b>SHELLFISH</b>									
Crabs.....	83,701	109,414	121,050	(1)	159,278	148,113	135,107	(1)	(1)
Shrimp.....	99,432	150,250	191,345	(1)	191,474	224,316	227,221	235,000	245,000
Oysters.....	101,036	93,006	75,655	(1)	76,415	72,990	82,242	(1)	(1)
Whale products.....	-----	5,159	-----	790	-----	684	-----	-----	(1)

<sup>1</sup> Complete data not available.Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the U. S.*

## No. 894.—FISHERIES—DISPOSITION OF DOMESTIC CATCH: 1946 TO 1954

[Round weight of catch in millions of pounds. Includes Alaska. A large portion of waste derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in addition to whole fish used in manufacture of these products. About 600,000,000 pounds of waste were used in production of meal and oil each year shown. See also *Historical Statistics*, series F 155-159]

FORM MARKETING	1946	1947	1948	1949	1950	1951	1952	1953	1954
Total.....	4,456	4,344	4,575	4,796	4,884	4,414	4,300	4,460	4,700
Fresh and frozen.....	1,674	1,545	1,663	1,629	1,692	1,715	1,563	1,529	1,523
Canned.....	1,277	1,384	1,488	1,663	1,720	1,326	1,180	993	1,121
Cured.....	100	100	100	100	100	84	85	85	85
Byproducts, bait, etc.....	1,405	1,315	1,324	1,404	1,372	1,289	1,472	1,853	1,971

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.



No. 895.—FISHERIES—CATCH OF PRINCIPAL SPECIES, BY SECTIONS, AND QUANTITY AND VALUE OF CATCH, BY SECTIONS AND STATES: 1880 TO 1952

[Catch in thousands of pounds; value in thousands of dollars. Values represent the value of fish to fishermen. See also *Historical Statistics*, series F 166-192]

YEAR	NEW ENGLAND STATES							Total value
	Catch							
	Total	Haddock	Ocean perch	Herring, sea	Cod	Flounder	Lobster	
1880								12, 503. 0
1902	534, 075	48, 030		200, 598	123, 605	4, 809	14, 756	12, 406. 3
1908	530, 029	59, 544		121, 700	95, 284	9, 753	14, 734	15, 139. 0
1919	467, 340	89, 853		97, 963	89, 076	15, 541	10, 677	19, 838. 7
1930	701, 351	264, 549	118	82, 901	101, 632	49, 165	12, 357	27, 493. 5
1935	655, 430	194, 606	17, 157	54, 329	120, 334	38, 734	10, 852	17, 983. 6
1940	626, 054	141, 193	85, 142	44, 053	82, 289	57, 572	11, 165	20, 493. 7
1945	845, 471	147, 195	131, 834	94, 179	141, 072	61, 310	22, 267	56, 589. 0
1950	1, 006, 590	157, 765	207, 793	195, 154	53, 968	66, 824	22, 559	60, 576. 5
1951	916, 808	153, 291	258, 320	64, 913	47, 479	60, 550	25, 534	67, 431. 7
1952	954, 563	161, 341	189, 042	153, 513	42, 401	55, 411	24, 323	67, 295. 7

YEAR	NEW ENGLAND STATES—continued									
	Maine		New Hampshire		Massachusetts		Rhode Island		Connecticut	
	Catch	Value	Catch	Value	Catch	Value	Catch	Value	Catch	Value
1880		2,742.6		170.6		7,959.8		696.8		933.2
1902	242,390	2,918.8	1,593	50.0	230,646	6,482.4	21,614	1,155.7	37,832	1,799.4
1908	173,843	3,257.0	677	53.0	244,313	7,095.0	44,254	1,752.0	66,942	2,982.0
1919	147,956	3,889.0	529	92.7	246,951	10,859.7	48,251	3,296.6	23,653	1,700.6
1930	143,824	4,329.4	1,069	69.1	442,474	16,289.1	25,972	2,287.3	88,012	4,518.6
1935	112,219	3,309.2	354	61.6	503,417	12,147.9	24,524	1,247.9	14,916	1,217.0
1940	88,088	2,606.4	788	105.2	510,938	15,755.8	12,060	966.2	14,180	1,060.2
1945	184,425	12,499.1	1,549	487.7	625,878	39,643.3	20,525	2,376.9	13,094	1,582.0
1950	356,266	14,688.7	645	218.8	591,188	40,767.5	38,265	2,787.9	20,226	2,113.6
1951	223,051	15,606.1	588	215.5	633,189	46,814.7	48,795	3,496.2	11,185	1,299.2
1952	298,151	17,896.5	523	181.5	581,172	44,349.0	61,813	3,459.3	12,904	1,409.4

YEAR	MIDDLE ATLANTIC STATES										
	Catch		Total value	New York		New Jersey		Pennsylvania		Delaware	
	Total	Oysters		Catch	Value	Catch	Value	Catch	Value	Catch	Value
1880	408,202	28,397	8,677.0	329,453	4,225.7	65,151	3,176.6	1,680	277.0	11,918	997.7
1901	357,888	32,135	9,104.7	228,092	3,894.3	117,931	4,755.5	6,030	251.5	5,835	203.4
1908	221,450	23,192	8,280.0	71,474	4,390.0	74,827	3,069.0	4,380	280.0	79,769	541.0
1921	332,932	26,420	11,667.4	210,377	4,986.9	96,937	5,983.4	595	44.6	25,023	652.4
1930	193,868	21,516	13,063.7	45,495	4,933.7	97,275	7,474.4	17	2.8	51,081	652.8
1935	279,438	14,811	6,415.7	84,939	3,135.4	107,802	2,844.3	31	5.7	86,666	430.4
1940	355,553	13,984	7,651.0	91,959	4,216.2	160,554	2,956.9	23	2.4	103,017	475.4
1945	494,193	13,513	23,224.2	117,548	10,052.7	207,647	11,062.5			168,998	2,109.0
1950	491,685	18,170	28,843.4	142,341	15,502.1	188,623	10,200.6			160,721	3,140.7
1951	555,392	17,410	29,432.4	138,087	15,044.1	241,648	10,607.2			175,657	3,781.1
1952	593,190	16,767	28,907.9	140,120	13,284.9	240,424	12,088.0			212,646	3,534.9

YEAR	CHESAPEAKE BAY STATES							
	Catch			Total value	Maryland		Virginia	
	Total	Oysters	Crabs		Catch	Value	Catch	Value
1880	254,587	117,405		8,346.2	95,713	5,221.7	158,875	3,124.4
1901	461,159	78,959	21,530	8,380.8	82,975	3,767.5	378,183	4,613.4
1908	426,311	63,983	45,456	8,022.0	113,796	3,306.0	312,515	4,716.0
1920	530,750	52,316	22,700	12,740.4	59,531	4,198.7	471,219	8,541.7
1930	316,393	36,724	68,760	11,472.0	71,099	3,984.7	245,294	7,487.3
1935	265,827	29,901	41,034	5,524.5	48,235	2,003.6	217,592	3,520.9
1940	320,736	37,457	41,816	7,456.4	51,085	2,598.6	269,651	4,857.9
1945	304,463	32,570	40,822	30,363.2	51,676	8,844.9	252,787	21,518.3
1950	380,892	29,954	80,046	25,006.8	67,092	8,888.2	313,800	16,118.6
1951	330,590	29,598	70,777	25,110.8	64,702	10,145.9	265,888	14,964.9
1952	283,626	34,418	64,831	26,527.6	64,154	10,522.8	219,472	16,004.8

No. 895.—FISHERIES—CATCH OF PRINCIPAL SPECIES, BY SECTIONS, AND QUANTITY AND VALUE OF CATCH, BY SECTIONS AND STATES: 1880 TO 1952—Continued

[Catch in thousands of pounds; value in thousands of dollars]

YEAR	SOUTH ATLANTIC STATES										
	Catch		Total value	North Carolina		South Carolina		Georgia		Florida (east coast only)	
	Total	Shrimp		Catch	Value	Catch	Value	Catch	Value	Catch	Value
1880	42,952	821	1,256.6	32,249	845.7	6,143	212.5	2,272	120.0	2,287	78.4
1902	106,446	3,811	2,839.6	67,585	1,739.7	8,174	263.0	11,103	359.1	19,584	477.9
1908	166,875	5,697	4,034.0	101,422	1,776.0	14,104	288.0	14,828	701.0	36,521	1,269.0
1918	332,614	15,656	5,348.6	210,502	2,978.7	3,747	207.7	37,154	416.0	81,211	1,746.2
1928	262,118	33,309	6,196.2	141,899	2,629.2	7,432	316.8	42,069	866.3	70,718	2,383.9
1934	261,080	25,961	3,624.1	163,462	1,672.2	5,891	225.3	27,141	359.5	64,586	1,367.1
1940	325,515	22,702	4,064.1	170,581	1,864.6	9,446	265.8	12,672	380.6	132,816	1,553.1
1945	404,946	43,581	15,132.4	198,169	5,495.3	10,855	899.4	21,398	1,349.6	174,524	7,388.1
1950	260,881	36,481	18,943.8	172,339	6,800.2	14,726	2,809.8	17,351	3,584.4	56,465	5,749.4
1951	310,784	27,771	17,966.1	157,865	6,329.1	18,062	2,283.2	15,248	2,614.7	119,609	6,739.1
1952	436,307	25,671	19,617.1	240,192	7,216.0	16,204	1,927.0	16,482	2,252.7	163,428	8,221.3

YEAR	GULF STATES						
	Catch		Total value	Florida (west coast only)		Alabama	
	Total	Shrimp		Catch	Value	Catch	Value
1880.....	23,561	-----	1,227.5	8,376	564.8	3,542	119.3
1902.....	113,697	12,367	3,494.2	48,120	1,462.2	9,351	266.7
1908.....	118,274	12,864	4,860.0	37,566	2,120.0	10,665	387.0
1918.....	130,924	32,347	6,510.3	54,754	3,420.4	5,609	230.6
1930.....	141,953	61,913	6,794.9	53,525	3,001.4	7,113	315.5
1934.....	186,834	93,357	6,369.6	54,215	2,267.6	7,964	253.4
1940.....	250,018	127,838	10,580.8	54,676	3,451.6	11,344	561.9
1945.....	341,081	145,443	39,197.4	69,322	11,447.9	15,137	2,443.3
1950.....	570,641	151,753	50,357.9	62,013	9,954.6	10,988	2,122.4
1951.....	649,668	193,651	63,623.2	88,271	15,413.8	13,643	2,639.1
1952.....	759,507	198,268	68,220.7	101,135	19,253.5	13,506	2,866.9

YEAR	GULF STATES—continued					
	Mississippi		Louisiana		Texas	
	Catch	Value	Catch	Value	Catch	Value
1880.....	788	22.5	6,996	392.6	3,859	128.3
1902.....	23,427	553.2	24,754	858.3	8,044	353.8
1908.....	17,302	459.0	42,302	1,448.0	10,439	446.0
1918.....	20,592	762.8	24,954	1,419.4	25,015	677.2
1930.....	15,736	740.1	49,886	1,960.4	15,693	777.5
1934.....	22,153	652.3	76,633	2,284.6	25,869	911.7
1940.....	38,002	623.1	126,627	4,951.5	19,369	992.7
1945.....	70,787	1,711.4	163,902	20,485.7	21,933	3,109.1
1950.....	84,139	3,371.2	316,250	23,644.5	97,251	11,265.2
1951.....	132,825	4,490.1	316,639	25,381.3	98,290	15,698.9
1952.....	127,406	3,165.4	394,734	25,589.7	122,725	17,345.1

YEAR	PACIFIC COAST STATES					
	Catch					Total value
	Total	Pilchard or sardine	Mackerel	Salmon	Tuna and tuna-like fishes	
1888.....	87,043	-----	-----	-----	-----	4,010.0
1899.....	206,911	2,383	168	128,783	392	6,278.6
1908.....	193,056	4,638	197	85,513	341	6,839.0
1915.....	304,796	4,390	266	127,438	21,522	9,306.0
1925.....	627,025	315,295	3,522	139,849	54,778	24,580.5
1930.....	833,389	449,451	16,531	99,615	104,511	23,064.1
1935.....	1,676,236	1,168,213	146,427	99,450	124,967	23,088.8
1940.....	1,456,281	913,944	120,504	61,380	210,173	29,578.0
1945.....	1,428,278	849,971	53,717	96,248	183,587	62,694.3
1950.....	1,515,249	714,522	32,650	63,725	390,547	107,826.6
1951.....	1,067,136	328,894	33,518	97,635	317,210	97,403.5
1952.....	831,879	14,330	20,604	69,307	322,939	90,720.0



No. 895.—FISHERIES—CATCH OF PRINCIPAL SPECIES, BY SECTIONS, AND QUANTITY AND VALUE OF CATCH, BY SECTIONS AND STATES: 1880 TO 1952—Continued

[Catch in thousands of pounds; value in thousands of dollars]

YEAR	PACIFIC COAST STATES—continued						ALASKA		
	Washington		Oregon		California		Catch		Total value
	Catch	Value	Catch	Value	Catch	Value	Total	Salmon	
1888.....	20,468	811.0	26,048	734.0	40,527	2,465.0			
1899.....	119,340	2,871.4	22,752	855.7	64,819	2,551.5			
1908.....	111,356	3,513.0	28,221	1,356.0	53,479	1,970.0			
1915.....	170,594	5,321.0	34,693	1,479.0	99,509	2,506.0			
1925.....	139,457	9,476.4	40,008	3,442.4	447,560	11,661.7	616,136		9,860.7
1930.....	110,039	8,334.8	26,459	2,256.3	696,891	12,473.0	620,702	426,442	12,755.6
1935.....	124,086	6,328.7	85,392	2,076.8	1,466,758	14,683.3	648,710	434,004	9,093.2
1940.....	111,632	6,676.3	54,203	2,741.8	1,290,446	20,159.9	563,688	439,182	10,612.1
1945.....	196,136	18,154.6	72,774	7,507.3	1,159,369	37,032.4	596,052	402,635	22,288.1
1950.....	118,694	19,070.5	58,256	7,151.0	1,338,299	81,605.1	482,293	264,919	31,371.6
1951.....	151,941	23,622.4	53,046	7,183.9	862,149	66,597.2	407,727	276,588	39,260.2
1952.....	131,767	18,833.4	48,279	6,049.1	651,833	65,837.4	374,184	282,967	37,238.3

YEAR	GREAT LAKES <sup>1</sup>									
	Total <sup>2</sup>		Lake Superior		Lake Michigan		Lake Huron		Lake Erie	
	Catch	Value	Catch	Value	Catch	Value	Catch	Value	Catch	Value
1885.....	99,842	2,691.9	8,826	291.5	23,518	878.8	11,457	276.4	51,457	1,109.1
1899.....	113,727	2,611.4	5,430	150.9	34,500	876.7	12,418	308.1	58,394	1,150.9
1908.....	106,631	3,768.0	10,198	342.0	40,019	1,554.0	12,932	486.0	41,922	1,280.0
1917.....	104,269	6,295.0	15,447	726.7	35,461	2,270.9	13,363	857.5	38,710	2,327.3
1927.....	81,327	6,794.9	15,302	918.1	23,681	2,354.8	15,711	1,444.4	23,796	1,831.3
1930.....	94,948	6,050.3	14,694	695.3	30,973	2,159.0	16,377	1,319.9	29,540	1,655.5
1935.....	90,223	5,944.9	17,874	940.6	25,089	1,942.6	13,676	1,224.1	30,357	1,643.6
1940.....	79,296	5,623.4	20,672	904.4	22,814	2,049.5	9,099	679.9	22,944	1,772.0
1945.....	78,643	13,800.1	18,725	2,574.0	22,090	5,570.9	7,475	1,129.0	28,631	4,266.9
1950.....	70,882	10,845.8	12,584	1,977.4	27,077	3,661.2	5,073	411.4	23,982	4,572.0
1951.....	70,146	10,663.6	14,035	1,920.8	27,648	3,460.6	5,521	552.7	20,921	4,448.2
1952.....	81,813	11,477.4	15,465	1,998.3	32,061	4,065.2	6,118	716.4	25,351	4,357.3

YEAR	MISSISSIPPI RIVER AND TRIBUTARIES			
	Total		Mississippi and minor tributaries	
	Catch	Value	Catch	Value
1894.....	44,545	1,384.6	21,242	587.8
1899 <sup>3</sup> .....	96,797	1,781.0	68,604	823.0
1903 <sup>3</sup> .....	93,374	1,841.2	53,851	1,157.4
1908 <sup>3</sup> .....	148,284	3,125.0		
1922.....	105,734	4,503.5	33,945	1,645.3
1931.....	82,382	2,897.3	28,139	1,076.3
1950.....	105,796	10,104.1	30,923	3,767.0
1952.....	103,372	10,130.0		

<sup>1</sup> Collected for most part by State fishery agencies and compiled by Fish and Wildlife Service since 1927.

<sup>2</sup> Includes, in addition to lakes shown, small amounts for Lake Ontario and also prior to 1927, Lake St. Clair and St. Clair and Detroit Rivers and beginning 1927, Lake-of-the-Woods, Namakan Lake, and Rainy Lake.

<sup>3</sup> Excluding Atchafalaya River.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the U.S.*

# No. 896.—LANDINGS BY FISHING CRAFT AT SPECIFIED NEW ENGLAND PORTS: 1947 TO 1953

[Quantity in thousands of pounds; value in thousands of dollars. See also *Historical Statistics*, series F 193, 195]

PORT AND YEAR	Total, all species	Cod	Had- dock	Hake	Pol- lack	Cusk	Whit- ing	Mack- erel	Rose- fish	Floun- ders	Miscel- laneous
<b>QUANTITY</b>											
<b>Boston:</b>											
1947.....	202,663	34,409	107,465	3,536	8,031	572	10,231	13,321	10,526	11,581	2,991
1948.....	199,980	34,710	105,308	3,462	17,684	1,077	11,428	3,473	11,383	9,153	2,302
1949.....	172,470	28,645	90,146	3,292	13,186	1,197	12,994	709	12,113	8,107	2,081
1950.....	172,033	24,360	107,379	2,998	9,886	1,265	4,887	1,051	7,740	10,028	2,439
1951.....	171,023	20,853	106,917	2,841	8,726	1,332	10,024	2,630	6,599	9,738	1,363
1952.....	173,174	21,606	109,139	2,874	11,601	1,480	8,629	2,450	6,945	6,766	1,684
1953.....	152,226	16,657	98,391	2,710	11,419	1,356	7,200	1,067	4,920	7,139	1,367
<b>Gloucester:</b>											
1947.....	163,713	8,276	12,692	2,524	5,569	487	9,126	24,011	95,357	2,115	3,556
1948.....	251,113	7,697	11,162	3,323	9,205	793	13,693	19,886	176,801	2,737	5,816
1949.....	250,910	6,976	8,516	2,768	6,147	777	19,442	6,876	169,281	7,643	22,484
1950.....	195,931	5,999	9,983	4,162	5,837	673	16,981	5,669	120,291	7,444	18,892
1951.....	259,670	4,970	5,842	4,402	5,591	841	36,917	3,785	177,694	4,534	15,094
1952.....	222,434	3,556	11,171	3,657	5,475	644	31,285	3,189	121,586	2,869	39,092
1953.....	186,425	2,786	8,447	2,213	4,509	415	30,339	2,621	88,329	3,367	43,399
<b>New Bedford:</b>											
1947.....	73,115	3,914	15,389	2,520	123	1	355	4,456	498	34,499	11,360
1948.....	77,572	6,330	11,410	4,345	380	3	60	1,683	350	40,958	12,053
1949.....	105,694	4,080	9,923	39,823	200	3	24	342	80	33,918	17,301
1950.....	116,911	5,110	11,514	97	207	6	85	258	474	29,412	69,748
1951.....	79,318	5,015	13,781	2,060	116	3	15	30	47	27,235	31,016
1952.....	75,177	3,943	12,596	126	78	3	12	20	4	27,806	30,589
1953.....	75,001	2,162	8,927	52	54	2	151	8	4	22,436	41,205
<b>Cape Cod ports:</b>											
1947.....	34,566	3,006	3,251	536	534	52	14,422	2,580	216	5,183	4,786
1948.....	44,455	2,767	2,340	362	457	72	16,766	8,897	517	4,313	7,964
1949.....	35,751	2,645	2,091	82	174	24	13,054	5,244	8	4,299	8,130
1950.....	37,760	3,034	2,555	359	384	39	11,618	2,379	7	5,912	11,473
1951.....	37,599	3,440	2,878	571	321	71	12,379	1,027	26	6,055	10,831
1952.....	33,906	2,126	2,920	1,790	371	69	9,640	4,593	27	5,285	7,085
1953.....	35,624	1,720	1,624	1,374	159	37	13,047	1,688	17	4,771	11,187
<b>VALUE</b>											
<b>Boston:</b>											
1947.....	14,973.4	2,344.9	8,547.6	223.5	368.9	33.4	434.7	783.7	478.3	1,035.8	722.6
1948.....	16,182.5	2,680.7	9,765.8	246.6	794.1	62.5	501.8	256.8	497.6	907.3	469.3
1949.....	12,187	2,013	7,233	216	472	57	527	81	498	739	351
1950.....	13,557	1,787	9,180	191	451	62	199	107	326	924	330
1951.....	14,311	1,747	9,507	228	518	77	482	251	335	1,018	148
1952.....	14,344	1,811	9,728	243	578	97	355	227	303	803	199
1953.....	12,102	1,312	8,600	207	447	78	242	125	201	731	159
<b>Gloucester:</b>											
1947.....	7,636.0	433.9	881.0	93.4	205.3	17.7	371.8	1,121.3	4,199.7	114.4	197.5
1948.....	11,234.9	454.9	805.7	138.9	329.6	33.8	577.1	1,038.6	7,405.7	184.4	266.2
1949.....	10,456	391	547	113	155	24	718	362	7,304	447	395
1950.....	9,061	368	792	131	184	21	557	438	5,692	539	339
1951.....	12,694	330	463	175	244	32	1,320	295	8,829	386	620
1952.....	9,611	241	895	135	200	28	1,136	249	5,293	237	1,197
1953.....	9,611	177	608	81	130	17	811	268	3,408	280	3,831
<b>New Bedford:</b>											
1947.....	10,417.3	279.7	1,155.3	37.0	4.7	(1)	7.2	198.7	14.5	3,347.5	5,372.8
1948.....	11,772.5	459.0	1,000.9	61.2	15.0	(1)	.9	127.9	14.3	4,605.3	5,488.0
1949.....	9,671	280	728	343	5	-----	1	20	3	3,824	4,467
1950.....	11,343	369	991	4	8	-----	1	40	17	3,724	6,189
1951.....	11,921	433	1,196	24	5	(1)	(1)	3	2	4,332	5,926
1952.....	13,137	377	1,127	4	4	(1)	(1)	4	(1)	4,113	7,508
1953.....	13,137	186	775	1	2	(1)	2	1	(1)	3,145	9,025
<b>Cape Cod ports:</b>											
1947.....	2,432.2	235.5	251.9	22.0	24.3	1.4	335.0	159.9	7.9	449.9	944.3
1948.....	3,332.9	230.3	213.4	15.9	19.4	2.3	396.3	933.4	17.6	479.4	1,024.9
1949.....	2,460	188	170	4	6	-----	328	556	-----	408	800
1950.....	2,560	230	232	8	14	1	289	194	-----	677	915
1951.....	2,837	293	273	21	22	2	410	117	1	806	892
1952.....	2,917	197	280	33	19	2	291	281	1	653	1,160
1953.....	2,523	151	151	20	8	1	340	213	1	532	1,106

<sup>1</sup> Less than \$500.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the U. S.*



# No. 897.—CANNED FISHERY PRODUCTS, FISH MEAL, AND FISH OIL—PRODUCTION AND VALUE: 1939 TO 1953

[Includes Alaska. See also *Historical Statistics*, series F 212-215]

YEAR	Canned		Scrap and meal		Oil (except vitamin)		Vitamin oil
	1,000 lb.	\$1,000	Tons	\$1,000	1,000 gal.	\$1,000	\$1,000
1939-----	683, 279	96, 628	226, 102	9, 094	29, 069	8, 601	4, 472
1940-----	675, 661	94, 182	193, 244	7, 834	18, 250	5, 632	5, 088
1941-----	880, 745	138, 684	236, 844	13, 096	22, 016	11, 893	14, 872
1942-----	656, 907	144, 997	171, 080	11, 626	19, 549	12, 518	10, 372
1943-----	617, 949	141, 189	190, 403	13, 629	22, 264	14, 971	14, 842
1944-----	658, 660	152, 914	212, 000	15, 200	27, 324	17, 771	13, 237
1945-----	646, 355	152, 801	200, 675	14, 405	23, 698	16, 034	11, 202
1946-----	699, 378	227, 629	199, 621	20, 439	19, 135	21, 223	13, 619
1947-----	754, 129	310, 679	185, 807	22, 353	15, 900	20, 107	11, 643
1948-----	782, 208	336, 181	199, 544	23, 087	16, 343	18, 476	12, 508
1949-----	855, 015	295, 504	237, 180	35, 652	16, 861	7, 520	17, 365
1950-----	967, 115	331, 335	239, 713	29, 226	21, 432	14, 042	3, 431
1951-----	800, 515	301, 210	209, 756	25, 374	17, 873	14, 044	2, 579
1952-----	815, 213	305, 829	221, 493	27, 162	15, 818	7, 316	2, 075
1953-----	792, 194	306, 874	238, 851	29, 560	20, 090	10, 045	1, 436

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the U. S.*

# No. 898.—CANNED FISHERY PRODUCTS—PRODUCTION AND VALUE, BY SPECIES: 1937 TO 1953

[Quantity in thousands of pounds; value in thousands of dollars. Includes Alaska. See also *Historical Statistics*, series F 200-209, for total fishery products, salmon, sardines, and tuna and tuna-like fishes]

YEAR	Total	Salmon	SARDINES		Tuna and tuna-like fishes	Mack-erel	Shrimp	Clam prod-ucts	Oysters	Other
			Maine	Calif.						
QUANTITY										
1937-----	712, 532	362, 642	34, 109	126, 560	69, 522	37, 837	21, 523	19, 577	10, 634	30, 128
1938-----	645, 156	349, 427	13, 634	101, 776	60, 945	43, 453	18, 113	19, 312	7, 237	31, 259
1939-----	683, 279	287, 621	44, 872	139, 864	79, 695	40, 023	20, 651	24, 515	9, 080	36, 958
1940-----	675, 661	269, 040	22, 690	132, 565	91, 144	63, 985	16, 744	24, 257	9, 668	45, 568
1941-----	880, 745	375, 918	64, 245	225, 322	61, 563	42, 075	13, 273	25, 271	9, 199	63, 879
1942-----	656, 907	280, 080	58, 327	168, 508	52, 500	32, 454	14, 450	21, 331	7, 326	21, 931
1943-----	617, 949	273, 802	50, 854	150, 961	56, 563	42, 176	9, 907	12, 197	4, 842	16, 647
1944-----	658, 660	246, 655	66, 218	164, 291	70, 185	55, 128	8, 425	13, 661	3, 830	30, 267
1945-----	646, 355	235, 596	55, 322	169, 469	88, 978	31, 174	3, 225	21, 502	3, 164	37, 925
1946-----	699, 378	216, 488	66, 510	133, 973	93, 888	43, 297	7, 832	40, 493	5, 472	91, 425
1947-----	754, 129	270, 787	61, 182	74, 367	117, 469	78, 973	7, 085	36, 136	5, 747	102, 383
1948-----	782, 208	231, 598	74, 753	119, 437	139, 682	57, 654	8, 383	32, 795	4, 999	112, 907
1949-----	855, 015	265, 196	62, 413	169, 570	141, 701	47, 247	9, 971	31, 112	6, 341	121, 464
1950-----	967, 115	206, 871	78, 037	228, 186	174, 794	65, 567	11, 794	38, 868	6, 893	156, 106
1951-----	800, 515	222, 988	34, 038	128, 924	157, 326	47, 183	13, 068	39, 187	6, 529	151, 272
1952-----	815, 213	214, 289	71, 677	4, 804	179, 417	68, 641	12, 269	45, 252	7, 408	211, 456
1953-----	792, 194	187, 769	56, 485	2, 863	188, 704	26, 834	15, 242	44, 650	6, 845	262, 802
VALUE										
1937-----	105, 175	52, 934	4, 998	8, 592	18, 996	2, 674	7, 131	3, 013	2, 933	3, 904
1938-----	83, 446	42, 366	2, 367	7, 102	15, 184	2, 896	4, 872	3, 190	1, 886	3, 583
1939-----	96, 628	41, 781	7, 075	9, 554	20, 080	2, 589	5, 398	3, 798	2, 379	3, 974
1940-----	94, 182	38, 050	3, 736	8, 975	23, 728	4, 101	4, 318	3, 778	2, 527	4, 969
1941-----	138, 684	67, 417	12, 591	18, 092	19, 398	3, 504	4, 883	3, 711	2, 997	6, 091
1942-----	144, 997	61, 974	12, 162	15, 510	30, 742	3, 693	7, 347	3, 791	3, 599	6, 179
1943-----	141, 189	62, 935	11, 105	14, 352	31, 430	5, 271	5, 361	2, 802	2, 822	5, 111
1944-----	152, 914	56, 383	14, 820	15, 226	40, 836	7, 034	4, 855	3, 821	2, 283	7, 656
1945-----	152, 801	52, 586	12, 077	15, 346	47, 407	4, 047	1, 919	7, 391	2, 030	9, 998
1946-----	227, 629	70, 161	20, 276	19, 896	59, 136	7, 575	8, 429	11, 145	5, 249	25, 762
1947-----	310, 679	120, 635	28, 311	16, 538	90, 609	15, 019	8, 192	8, 642	4, 259	18, 474
1948-----	336, 181	120, 537	29, 359	21, 893	112, 612	9, 851	7, 791	8, 330	4, 778	21, 030
1949-----	295, 504	103, 431	21, 052	21, 335	97, 710	6, 849	11, 203	8, 779	6, 525	18, 620
1950-----	331, 335	109, 541	21, 209	26, 346	112, 830	7, 492	12, 773	10, 840	7, 096	23, 208
1951-----	301, 210	108, 626	14, 635	19, 363	99, 046	6, 259	12, 187	11, 774	5, 931	23, 389
1952-----	305, 829	98, 264	21, 503	918	113, 035	11, 363	12, 999	12, 210	7, 047	28, 490
1953-----	306, 874	82, 240	16, 954	653	126, 258	5, 039	18, 947	12, 630	6, 559	37, 594

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the U. S.*

# No. 899.—FRESH AND FROZEN PACKAGED FISH—PRODUCTION, BY SPECIES: 1936 TO 1953

[Quantity in thousands of pounds; value in thousands of dollars]

YEAR	Total	Cod	Flounders	Haddock	Ocean perch	Whiting	Other
<b>QUANTITY</b>							
1936	113,356	17,896	5,850	41,187	15,521		32,902
1937	116,992	22,507	7,870	40,241	15,509		30,865
1938	129,976	21,189	8,115	41,453	19,152	7,603	32,464
1939	131,316	19,442	8,174	38,199	24,103	13,530	27,868
1940	129,420	14,805	11,245	37,140	23,014	13,256	29,960
1941	182,951	16,921	20,455	46,912	41,817	24,019	32,827
1942 <sup>1</sup>	173,362	13,010	24,869	41,882	37,680	24,583	31,338
1943 <sup>1</sup>	158,639	13,714	24,517	32,219	31,012	22,315	34,862
1944 <sup>1</sup>	172,294	22,083	18,073	38,403	34,531	18,510	40,694
1945 <sup>1</sup>	204,927	28,864	19,961	44,197	35,456	29,959	46,490
1946 <sup>1</sup>	188,572	18,132	21,900	42,441	49,507	22,129	34,463
1947	183,800	14,932	20,664	43,205	46,976	28,042	30,881
1948	189,297	13,879	23,466	42,219	67,696	5,122	36,915
1949	194,011	13,652	28,924	42,140	73,193	4,200	31,902
1950	191,524	12,990	28,331	51,192	63,128	2,537	33,346
1951	205,486	13,290	26,309	50,831	75,023	8,714	31,319
1952	190,374	11,694	24,154	52,065	58,660	7,912	35,919
1953	160,072	11,406	20,999	44,334	50,171	3,324	29,838
<b>VALUE</b>							
1936	12,147	1,895	906	4,266	1,514		3,566
1937	12,861	2,262	1,287	4,162	1,495		3,655
1938	12,315	2,025	1,253	3,428	1,568	362	3,679
1939	13,030	1,927	1,123	3,754	2,394	668	3,164
1940	14,345	1,793	1,542	4,521	2,272	561	3,656
1941	23,930	2,451	3,171	6,848	4,808	1,484	5,168
1942 <sup>1</sup>	33,991	2,793	5,867	9,662	6,907	2,240	6,522
1943 <sup>1</sup>	37,589	3,516	7,299	9,091	6,952	2,194	8,537
1944 <sup>1</sup>	40,820	5,461	5,423	10,597	7,745	1,955	9,639
1945 <sup>1</sup>	48,371	7,452	6,086	12,349	7,673	3,098	11,713
1946 <sup>1</sup>	46,302	4,747	6,877	12,987	11,710	2,168	7,813
1947	44,272	3,458	7,027	12,094	10,912	2,662	8,119
1948	47,642	3,490	8,102	11,853	14,408	784	9,005
1949	48,339	3,232	9,096	11,845	15,335	686	8,145
1950	53,482	3,101	9,916	14,275	15,126	399	10,665
1951	59,487	3,436	10,817	14,546	18,733	1,338	10,617
1952	54,912	3,001	9,841	15,387	14,182	1,058	11,443
1953	45,671	2,888	7,927	13,011	11,376	530	9,939

<sup>1</sup> Excludes California production. In 1941, yield of packaged fish in California totaled 5,384,000 pounds, valued at \$1,032,000, of which 1,380,000 pounds were flounders, valued at \$226,000.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the U. S.*

## No. 900.—FROZEN FISHERY PRODUCTS—PRODUCTION: 1944 TO 1954

[In thousands of pounds. Includes Alaska. For cold storage holdings, see table 862. See also *Historical Statistics*, series F 199, for annual figures]

MONTH	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
<b>Total</b>	266,537	286,001	280,065	246,625	291,988	285,822	287,190	325,504	313,173	275,396	302,658
January	9,021	4,925	6,228	4,394	6,384	7,435	7,302	10,651	12,897	10,582	7,776
February	8,813	4,191	6,231	3,439	7,927	6,914	9,318	10,292	10,195	7,158	8,886
March	11,262	6,890	11,077	8,225	14,365	11,873	13,207	12,721	11,800	10,989	12,466
April	17,375	12,962	12,504	11,711	15,227	16,484	14,249	20,199	19,455	11,624	15,616
May	32,640	27,630	34,375	25,188	38,088	37,775	33,846	43,289	34,172	28,045	33,449
June	34,849	39,392	38,203	30,039	40,920	38,910	39,310	44,809	49,306	42,056	43,423
July	40,573	42,856	43,269	33,280	40,351	34,469	35,727	42,220	44,093	42,607	40,936
August	32,602	45,623	37,940	39,809	34,598	40,046	37,289	42,217	34,242	35,112	44,022
September	28,004	33,257	27,372	27,730	29,112	33,095	30,527	30,393	31,849	30,287	31,628
October	23,733	27,472	29,983	29,625	27,113	24,308	29,493	30,666	32,311	25,364	27,197
November	18,104	26,212	20,308	16,848	22,379	21,336	22,230	23,604	20,689	18,655	21,305
December	9,561	14,591	12,575	16,337	15,524	13,177	14,692	14,443	12,164	12,917	15,955

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the U. S.*



## No. 901.—FISHERY PRODUCTS—IMPORTS AND EXPORTS: 1940 TO 1953

YEAR	IMPORTS				EXPORTS			
	Total	Edible products		Non-edible	Total	Edible products		Non-edible
		1,000 pounds	\$1,000			1,000 pounds	\$1,000	
1940.....	\$1,830	302,518	29,074	\$1,000	\$1,000	144,804	17,115	670
1942.....	39,568	277,199	28,984	10,584	31,915	167,080	27,876	4,039
1943.....	67,183	324,476	43,689	23,494	48,534	239,260	43,244	5,290
1944.....	78,418	339,431	53,431	24,987	35,940	112,230	31,929	4,011
1945.....	101,254	404,768	76,434	24,820	38,510	135,979	30,856	7,655
1946.....	129,713	473,539	89,986	39,727	39,969	200,398	38,353	1,616
1947.....	109,975	407,636	83,275	26,700	52,836	207,486	49,281	3,555
1948.....	156,648	472,742	111,660	44,988	24,402	95,085	21,020	3,382
1949.....	151,614	470,517	113,753	37,861	35,050	146,660	29,212	5,838
1950.....	198,296	639,725	158,414	39,882	27,474	121,623	18,856	6,618
1951.....	212,457	646,668	158,363	54,094	35,731	165,624	27,072	8,659
1952.....	240,429	705,118	183,121	57,308	21,947	62,056	15,511	6,436
1953.....	244,821	726,179	195,210	49,611	27,878	69,308	17,084	10,794

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the U. S.* Compiled from data furnished by Department of Commerce, Bureau of the Census.

## No. 902.—FISH PROPAGATION BY FISH AND WILDLIFE SERVICE—OUTPUT OF EGGS, FRY, AND FINGERLINGS, 1895 TO 1953, AND BY SPECIES, 1953

[In thousands]

YEAR ENDING JUNE 30—	Total	Eggs	Fry	Fingerlings or larger
1895.....	619,916	55,408	561,894	2,613
1900.....	1,164,337	88,682	1,070,757	4,898
1915.....	4,288,758	536,260	3,694,282	58,216
1920.....	4,770,356	630,749	3,872,218	267,388
1925.....	5,301,862	1,050,393	4,114,514	136,954
1930.....	7,570,482	2,553,481	4,766,831	250,170
1935.....	5,071,725	3,381,794	1,556,246	133,683
1940.....	7,407,247	5,826,059	1,498,157	83,031
1945 (Dec. 31).....	5,454,558	3,176,357	2,203,672	74,529
1950 (Dec. 31).....	287,209	55,853	121,739	109,617
1951 (Dec. 31).....	322,455	66,917	134,389	121,149
1952 (Dec. 31).....	332,405	66,171	148,456	117,778
1953 (Dec. 31).....	227,120	41,322	33,026	152,772

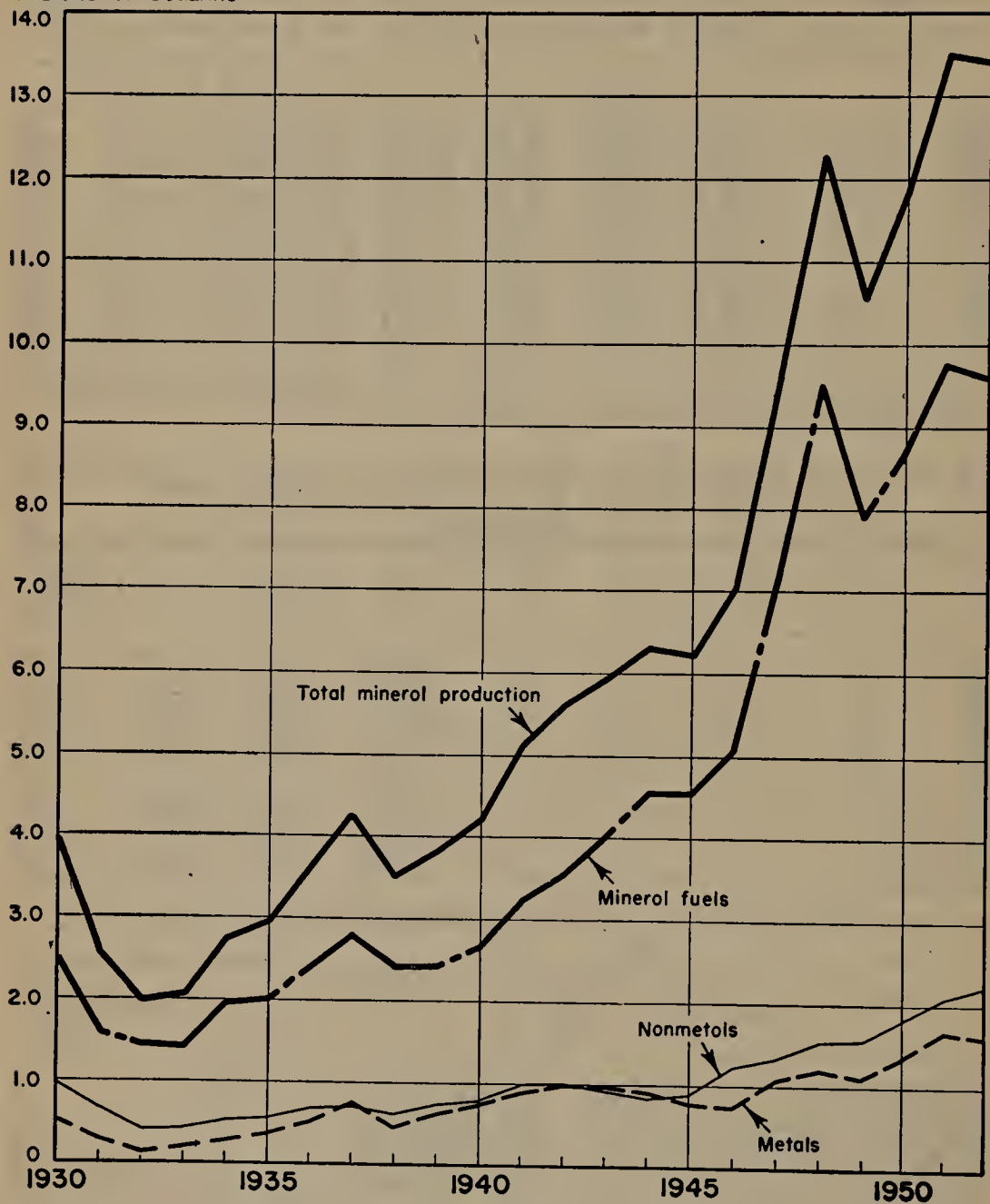
SPECIES	1953			SPECIES	1953		
	Eggs	Fry	Fingerlings or larger		Eggs	Fry	Fingerlings or larger
Catfish (bullheads).....			350	Brook trout.....	5,927		3,872
Channel catfish.....		156	287	Grayling.....	1,709		11
Kokanee.....		7,204	190	Kamloops trout.....			52
Atlantic salmon.....		91	189	Beardsley trout.....			17
King salmon.....	11,785	11,659	81,469	Steelhead trout.....			195
Chum salmon.....		4,651	203	Northern pike.....		4,090	207
Sebago salmon.....		25	18	Walleyed pike.....		3,397	695
Silver salmon.....	4		984	Crappie (white).....			1
Red salmon.....	1,471		1,467	Largemouth bass.....		592	11,311
Rainbow trout.....	9,183	80	8,830	Smallmouth bass.....		483	98
Cutthroat trout.....	7,470	373	2,400	Bluegill.....			36,930
Brown trout.....	3,773	225	1,760	Redear sunfish.....			652
Lake trout.....			582	Yellow perch.....			2

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins and reports.

FIG. L.—VALUE OF MINERAL PRODUCTION: 1930 TO 1952

[See table 903]

BILLIONS OF DOLLARS



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of the Interior, Bureau of Mines.



## 28. Mining and Mineral Products

This section summarizes the principal statistics relating to the mineral industries and mineral products. It includes not only crude minerals (such as coal, iron ore), but minerals which have gone through certain stages of preparation (such as refined copper, cement) and minerals such as magnesium whose extraction does not involve mining in the conventional sense. The latter two categories, while part of the mineral-raw-material sector of the economy, include the products of industries which are classified under the Standard Industrial Classification (Bureau of the Budget) as manufacturing.

The tables in this section are arranged in four groups which appear in the following sequence:

1. General summary statistics.
2. Fuels.
3. Nonmetals other than fuels.
4. Metals.

Most of the statistics are from the Bureau of Mines, with additional material from other Government agencies such as the Bureau of the Census, the Bureau of Labor Statistics, the Bureau of the Mint, the Federal Reserve Board, and the Interstate Commerce Commission and from non-Government sources such as the *Engineering and Mining Journal* and *The Iron Age*.

Mineral statistics, with principal emphasis on commodity detail, have been collected annually or at more frequent intervals by the United States Geological Survey or by the Bureau of Mines since 1880. The principal statistics have been published annually through 1931 in *Mineral Resources of the United States* and thereafter in the *Minerals Yearbook*. Data available from Bureau of Mines publications include quantities and values of minerals produced, sold or used by producers, or shipped; quantities of minerals stocked; crude materials treated and prepared minerals recovered; and consumption of mineral raw materials. The Bureau of Mines also collects and publishes separate data on man-hours, active days, length of shift, and accidents.

Censuses of mineral industries have been taken approximately every 10 years since 1840. The most recent census taken for which figures are available is for 1939. A census covering the year 1954 is presently in process; the results will be available late in 1955 and during 1956. Commodity statistics on many of the manufactured mineral products are also collected by the Bureau of the Census at monthly, quarterly, or annual intervals.

In general, figures shown in the individual commodity tables include data for Territories and possessions, and may therefore not agree with summary table 906.

**Data in other sections.**—Data on mining and mineral products will also be found in other sections of this *Abstract*. For example, data on iron and steel, aluminum and magnesium, copper products, clay products, and others appear in section 30, Manufactures; financial data on mining corporations appear both in section 14, Federal Government Finances and Employment, and section 17, Business Enterprise; summary data for the Territories and other areas appear in section 33; for specific page references, consult the index.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series G 1-5") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

Note.—This section presents data for the most recent year or period available on May 9, 1955, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

## No. 903.—VALUE OF MINERAL PRODUCTION IN THE UNITED STATES: 1881 TO 1953

[In millions of dollars. Principal differences between old basis and new basis are as follows: (1) Totals on the new basis represent continental U. S. only; on the old basis, production in Alaska, Hawaii, Philippine Islands, and Puerto Rico was included, but no data were collected for other U. S. possessions now shown in table 1142; (2) U. S. totals on the new basis are a better representation than formerly of the production of primary minerals from domestic mines (or concentrating mills); on the old basis, totals include secondary products and mineral products made from foreign materials. However, value on new basis still includes some advanced products, like cement, lime, and natural gas liquids; also, mine value of nonferrous metals is based not on ore, but on value after refining of the recoverable metal content. Revised data for years prior to 1925 on new basis are not available. See also *Historical Statistics*, series G 1-5]

YEARLY AVERAGE OR YEAR	Total	NONMETALLIC			Metal- lic	YEAR	Total	NONMETALLIC			Metal- lic
		Total	Fuels <sup>1</sup>	Other				Total	Fuels <sup>1</sup>	Other	
1881-1885-----	426	232	171	61	194	1934-----	2,744	2,467	1,944	523	277
1886-1890-----	541	292	215	78	249	1935-----	2,942	2,577	2,011	566	365
1891-1895-----	592	347	248	99	245	1936-----	3,606	3,090	2,401	689	516
1896-1900-----	828	462	307	154	366	1937-----	4,265	3,509	2,795	714	756
1901-1905-----	1,392	814	546	267	578	1938-----	3,518	3,058	2,433	625	460
1906-1910-----	1,887	1,118	746	372	769	1939-----	3,808	3,177	2,420	757	631
1911-1915-----	2,220	1,400	967	433	821	1940-----	4,198	3,446	2,659	787	752
1916-1920-----	5,129	3,331	2,602	729	1,798	1941-----	5,107	4,217	3,224	993	890
1921-1925-----	5,151	3,997	2,943	1,054	1,154	1942-----	5,623	4,624	3,563	1,061	999
1926-1930-----	5,556	4,280	3,088	1,192	1,276	1943-----	5,931	4,944	4,023	921	987
NEW BASIS						1944-----	6,310	5,410	4,568	842	900
1926-1930-----	4,676	4,015	2,865	1,150	661	1945-----	6,231	5,457	4,563	894	774
1931-1935-----	2,463	2,210	1,688	522	252	1946-----	7,062	6,333	5,084	1,249	729
1936-1940-----	3,879	3,256	2,542	714	623	1947-----	9,610	8,526	7,181	1,345	1,084
1941-1945-----	5,840	4,930	3,988	942	910	1948-----	12,273	11,054	9,495	1,559	1,219
1946-1950-----	10,276	9,179	7,671	1,509	1,097	1949-----	10,580	9,479	7,920	1,559	1,101
1931-----	2,578	2,291	1,617	674	287	1950-----	11,862	10,511	8,689	1,822	1,351
1932-----	2,000	1,872	1,457	415	128	1951-----	13,529	11,858	9,779	2,079	1,671
1933-----	2,050	1,845	1,411	434	205	1952-----	13,392	11,778	9,615	2,163	1,614
						1953 (prel.)-----	14,381	12,585	10,249	2,336	1,796

<sup>1</sup> Through 1948, comprises coal, natural gas, natural gas liquids, and petroleum; beginning 1949, also includes asphalt and related bitumens, carbon dioxide, helium, and peat.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 904.—AVERAGE PRICES OF SELECTED MINERAL PRODUCTS: 1896 TO 1954

[Prices per short ton for coal, per long ton for iron ore and sulfur]

YEARLY AVERAGE OR YEAR	Crude petro- leum (at wells) <sup>1</sup>	Bitu- minous coal <sup>2</sup> (f.o.b. selected cities)	Iron ore <sup>3</sup> (Lake Erie ports)	Copper, electro- lytic (New York)	Lead (New York)	Tin (New York) <sup>4</sup>	Zinc (St. Louis)	Alumi- num, de- livered <sup>5</sup>	Sulfur crude (f.o.b. works)
	Dollars per bbl.	Dollars per ton	Dollars per ton	Cents per lb.	Cents per lb.	Cents per lb.	Cents per lb.	Cents per lb.	Dollars per ton
1896-1900-----			2.36	13.41	3.84	19.54	4.55	37.15	
1901-1905-----			2.70	13.877	4.330	28.19	5.284	33.80	22.16
1906-1910-----			3.70	15.642	4.780	34.26	5.432	31.12	21.89
1911-1915-----			3.08	14.973	4.359	41.10	7.205	23.84	22.00
1916-1920-----	2.19		5.21	23.031	7.355	54.43	8.783	42.14	31.76
1921-1925-----	1.63	10 4.39	5.03	13.474	6.933	42.64	6.189	23.88	14.55
1926-1930-----	1.48	4.09	4.35	14.475	6.765	51.38	6.135	24.80	18.04
1931-1935-----	.83	3.88	4.50	7.555	3.843	37.64	3.806	22.40	18.00
1936-1940-----	1.11	4.30	4.76	10.980	5.138	48.39	5.495	20.12	13.90
1941-1945-----	1.16	4.99	4.47	11.779	6.355	52.01	8.095	15.37	16.00
1946-1950-----	2.20	7.63	6.29	19.451	13.897	85.32	11.765	16.09	17.48
1947-----	1.90	6.87	5.55	20.958	14.673	77.95	10.500	15.00	16.51
1948-----	2.57	8.10	6.20	22.038	18.043	99.25	13.589	15.73	18.00
1949-----	2.57	8.65	7.20	19.202	15.364	99.34	12.144	17.00	18.00
1950-----	2.57	8.74	7.70	21.235	13.296	95.54	13.866	17.71	18.90
1951-----	2.57	9.07	8.30	24.200	17.500	127.08	18.000	19.00	21.00
1952-----	2.57	(11)	8.68	24.200	16.467	120.47	16.215	19.41	21.00
1953-----	(12)	(11)	9.80	28.798	13.489	95.85	10.855	20.93	24.38
1954-----	(12)	(11)	9.90	29.694	14.054	91.84	10.681	21.78	26.50

<sup>1</sup> Posted price, Mid-Continent Oklahoma-Kansas, 36°-36.9° gravity (1923, 35°-36.9°; 1924-25, 36°-38.9°).

<sup>2</sup> Run of mine, average wholesale price.

<sup>3</sup> Lake Superior, Mesabi, non-Bessemer.

<sup>4</sup> 99 percent tin, 1896-1919; Straits tin thereafter.

<sup>5</sup> Prices 1896 to 1929 for pure aluminum (No. 1 virgin 98-99 percent); beginning 1930, for 99+ percent virgin ingot.

<sup>6</sup> Prices 1896 to 1898 are for Lake copper.

<sup>7</sup> New York zinc.

<sup>8</sup> 1903-05; average for New York zinc 1901-05, 5.058 cents.

<sup>9</sup> 4-year average.

<sup>10</sup> 1923-25.

<sup>11</sup> Series discontinued.

<sup>12</sup> Not available.

Source: Compiled from *Engineering and Mining Journal*; *The Iron Age*; *Wholesale Prices* (Bureau of Labor Statistics); and *Minerals Yearbook* (Bureau of Mines).



## No. 905.—MINERAL PRODUCTION—VALUE, BY STATES AND FOR ALASKA: 1945 TO 1952

[In thousands of dollars]

DIVISION AND STATE	1945	1947	1948	1949	1950	1951	1952
<b>Continental United States</b> .....	<b>6,231,000</b>	<b>9,610,000</b>	<b>12,273,000</b>	<b>10,580,000</b>	<b>11,855,000</b>	<b>13,524,000</b>	<b>13,382,000</b>
<b>New England</b> .....	<b>20,684</b>	<b>36,979</b>	<b>43,941</b>	<b>43,781</b>	<b>50,849</b>	<b>52,803</b>	<b>54,907</b>
Maine.....	2,523	5,784	8,094	6,742	7,461	8,516	8,981
New Hampshire.....	802	1,254	1,331	1,390	1,711	1,295	1,941
Vermont.....	8,249	14,717	15,999	17,384	18,563	18,516	17,891
Massachusetts.....	5,450	10,576	12,583	12,449	16,014	16,951	17,719
Rhode Island.....	508	785	1,450	929	1,425	1,278	1,250
Connecticut.....	3,152	3,863	4,484	4,887	5,675	6,247	7,125
<b>Middle Atlantic</b> .....	<b>1,033,177</b>	<b>1,409,583</b>	<b>1,574,971</b>	<b>1,213,047</b>	<b>1,389,132</b>	<b>1,537,039</b>	<b>1,383,648</b>
New York.....	88,678	122,333	143,623	138,493	156,529	188,790	180,741
New Jersey.....	31,267	38,433	44,388	38,584	46,391	59,023	57,309
Pennsylvania.....	913,232	1,248,817	1,386,960	1,035,970	1,186,212	1,289,226	1,145,598
<b>East North Central</b> .....	<b>740,542</b>	<b>1,004,811</b>	<b>1,207,797</b>	<b>1,070,136</b>	<b>1,200,983</b>	<b>1,273,221</b>	<b>1,224,861</b>
Ohio.....	175,443	244,444	284,816	242,080	274,572	302,612	292,689
Indiana.....	88,802	133,862	161,950	141,025	166,632	174,388	161,925
Illinois.....	330,184	425,380	521,038	449,893	488,144	489,934	460,005
Michigan.....	123,896	166,634	202,885	201,260	229,942	257,937	254,532
Wisconsin.....	22,217	34,491	37,108	35,878	41,693	48,350	55,710
<b>West North Central</b> .....	<b>449,744</b>	<b>654,938</b>	<b>813,844</b>	<b>789,118</b>	<b>911,497</b>	<b>1,074,506</b>	<b>1,057,378</b>
Minnesota.....	167,139	218,374	267,248	257,540	331,567	433,096	397,441
Iowa.....	25,008	31,023	35,955	37,458	41,773	47,706	52,481
Missouri.....	74,347	103,928	108,291	111,293	113,191	135,249	140,977
North Dakota.....	4,505	6,258	8,478	8,818	9,614	10,247	12,057
South Dakota.....	7,138	23,590	24,327	26,745	32,716	29,652	30,455
Nebraska.....	4,963	6,704	8,385	10,102	14,022	18,469	20,597
Kansas.....	166,644	265,061	361,160	337,162	368,614	400,087	403,370
<b>South Atlantic</b> .....	<b>699,591</b>	<b>1,113,489</b>	<b>1,298,077</b>	<b>974,693</b>	<b>1,140,343</b>	<b>1,296,825</b>	<b>1,199,875</b>
Delaware.....	131	340	403	335	522	584	677
Maryland.....	15,329	23,291	25,002	20,461	22,725	26,148	26,847
District of Columbia.....	229	61	64	63	60	82	7
Virginia.....	81,965	130,296	143,333	116,408	137,806	161,252	164,679
West Virginia.....	537,212	857,670	1,012,402	718,119	829,624	941,723	825,675
North Carolina.....	14,766	16,386	18,231	19,755	26,338	29,647	34,726
South Carolina.....	5,043	7,589	8,885	9,026	11,394	11,286	14,531
Georgia.....	19,988	32,009	36,103	35,508	44,157	47,555	52,398
Florida.....	24,928	45,847	53,654	55,018	67,717	78,548	80,335
<b>East South Central</b> .....	<b>439,753</b>	<b>731,961</b>	<b>900,793</b>	<b>697,178</b>	<b>811,570</b>	<b>809,427</b>	<b>759,212</b>
Kentucky.....	250,919	426,101	504,080	372,229	459,956	442,264	398,446
Tennessee.....	57,104	79,941	93,599	77,333	89,694	99,853	100,509
Alabama.....	110,360	158,275	183,797	143,905	158,975	164,280	158,382
Mississippi.....	21,370	67,644	119,317	103,711	102,945	103,030	101,875
<b>West South Central</b> .....	<b>1,665,690</b>	<b>2,795,657</b>	<b>4,063,416</b>	<b>3,605,393</b>	<b>4,013,294</b>	<b>4,782,413</b>	<b>4,964,502</b>
Arkansas.....	58,262	90,857	122,089	109,523	118,642	118,694	116,335
Louisiana.....	222,173	404,779	604,198	631,813	693,607	787,678	848,259
Oklahoma.....	243,314	354,387	506,846	484,264	527,095	607,486	621,351
Texas.....	1,141,941	1,945,634	2,830,283	2,379,793	2,673,950	3,268,555	3,378,557
<b>Mountain</b> .....	<b>626,301</b>	<b>964,981</b>	<b>1,151,258</b>	<b>1,048,349</b>	<b>1,211,096</b>	<b>1,405,241</b>	<b>1,440,479</b>
Montana.....	68,537	87,735	103,841	98,070	103,389	126,166	121,400
Idaho.....	44,349	66,822	79,128	64,292	79,077	82,795	77,060
Wyoming.....	74,625	117,395	172,004	150,998	177,577	201,838	204,495
Colorado.....	77,237	102,448	128,861	139,873	154,898	179,435	187,589
New Mexico.....	104,239	157,548	220,080	198,825	210,294	256,302	288,500
Arizona.....	98,584	186,092	200,382	181,094	207,406	243,886	231,702
Utah.....	127,537	206,015	204,459	177,825	229,956	257,145	265,502
Nevada.....	31,193	40,926	42,503	37,372	48,499	57,674	64,231
<b>Pacific</b> .....	<b>555,728</b>	<b>897,329</b>	<b>1,219,261</b>	<b>1,138,320</b>	<b>1,126,644</b>	<b>1,292,337</b>	<b>1,297,088</b>
Washington.....	31,301	38,051	48,928	40,863	49,055	54,554	56,129
Oregon.....	9,493	15,865	23,923	21,845	21,542	28,402	26,674
California.....	514,934	843,413	1,146,410	1,075,612	1,056,047	1,209,381	1,214,285
<b>Alaska</b> .....	<b>10,174</b>	<b>18,488</b>	<b>13,024</b>	<b>15,549</b>	<b>17,852</b>	<b>19,569</b>	<b>26,302</b>

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 906.—MINERAL PRODUCTION IN CONTINENTAL UNITED STATES: 1948 TO 1952

[Data represent production as measured by mine shipments or mine sales (including consumption by producers), except that fuels and the following additional minerals are strictly production: Gypsum, iodine, magnesite, pyrites, antimony, bauxite, and mercury. Excludes uranium ores and monazite. See headnote to table 903. See also *Historical Statistics*, series G 1-5, 13-18, and 43-130]

MINERAL	1948		1949		1950		1951		1952	
	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
<b>Total mineral production</b> .....		12,273,000		10,580,000		11,855,000		13,524,000		13,382,000
<b>Total mineral fuels</b> .....		9,495,000		17,920,000		8,689,000		9,779,000		9,615,000
Coal:										
Bituminous <sup>2</sup> .....	596,024	2,983,465	434,342	2,126,226	512,529	2,489,229	529,880	2,614,219	463,137	2,276,189
Lignite.....	3,086	7,012	3,092	7,336	3,370	8,112	3,291	8,044	3,017	7,212
Pennsylvania anthracite.....	57,140	467,052	42,702	358,008	44,077	392,398	42,670	405,818	40,583	379,714
Natural gas.....	5,148,020	333,173	5,419,736	344,034	6,282,060	408,522	7,457,359	542,964	8,013,457	623,649
Natural-gas liquids:										
Natural gasoline and cycle products										
LP-gases.....	94,124	341,154	99,217	303,136	109,679	321,832	118,377	369,718	121,482	371,468
Petroleum (crude).....	52,597	117,823	57,869	99,094	72,282	97,773	86,377	138,443	102,033	161,692
Petroleum (refined).....	2,020,185	5,245,080	1,841,940	4,674,770	1,973,574	4,963,380	2,247,711	5,690,410	2,289,836	5,785,230
<b>Total nonmetallic minerals (except fuels)</b> .....		1,559,000		11,559,000		1,815,000		2,075,000		2,155,000
Abrasive stone: <sup>3</sup>										
Grindstones and pulpstones.....	7,954	405	4,507	247	4,468	233	5,571	316	3,974	247
Millstones.....	( <sup>4</sup> )	18	( <sup>4</sup> )	9	( <sup>4</sup> )	11	( <sup>4</sup> )	6	( <sup>4</sup> )	9
Pebbles (grinding).....	4,026	102	2,374	64	1,923	53	3,062	84	4,140	97
Tube-mill liners (natural).....	1,297	42	1,166	47	1,523	63	1,408	77	1,083	66
Asbestos.....	37,092	1,806	43,387	2,614	42,434	2,925	51,645	3,912	53,864	4,713
Asphalt and related bitumens (native):										
Bituminous limestone and sandstone.....	1,084,004	3,635	1,150,931	14,265	1,184,676	3,522	1,378,434	4,159	1,570,698	4,688
Gilsonite.....	52,122	1,391	51,462	1,304	66,186	1,774	65,521	1,895	60,740	1,780
Barite (crude).....	799,848	6,693	717,313	5,642	695,414	6,194	860,669	7,968	941,825	8,798
Boron minerals.....	450,932	11,148	467,892	11,512	647,735	15,890	862,797	20,030	583,828	14,105
Bromine.....	76,948	14,825	88,726	16,268	98,502	18,795	129,563	26,180	156,202	30,639
Calcium-magnesium chloride										
short tons [75-percent (Ca, Mg) Cl <sub>2</sub> basis].....	309,660	3,907	255,797	3,261	298,821	3,802	328,042	4,756	( <sup>5</sup> )	( <sup>5</sup> )
Carbon dioxide, natural (estimated).....	545,000	397	489,000	1,376	472,334	309	547,436	161	737,000	226
Cement.....	205,239	446,465	207,142	475,074	228,788	537,652	240,331	611,751	250,821	637,746
Clays (including fuller's earth) <sup>6</sup> .....	31,304	80,997	28,479	74,619	32,301	89,676	35,612	120,570	33,348	122,386
Emery.....	5,405	69	4,909	61	5,949	75	11,634	160	10,352	142
Feldspar (crude).....	460,713	2,564	369,378	2,278	407,925	2,558	400,439	2,816	420,831	3,696
Fluorspar.....	331,749	11,227	236,704	8,267	301,510	10,620	347,024	14,370	331,273	15,354
Garnet (abrasive).....	8,039	588	6,578	505	9,304	794	14,050	1,247	11,390	982
Gem stones (estimated).....	( <sup>4</sup> )	450	( <sup>4</sup> )	450	( <sup>4</sup> )	450	( <sup>4</sup> )	450	( <sup>4</sup> )	490
Graphite.....	9,871	451	5,213	475	5,605	428	6,808	771	5,081	595
Gypsum (crude).....	7,254,535	19,113	6,608,118	18,319	8,192,625	22,735	8,665,534	24,024	8,415,300	22,896
Helium (shipments, calendar years).....	50,915	610	51,501	1,639	80,889	1,028	108,970	1,387	145,492	1,891
Kyanite.....	14,552	527	12,115	403	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Lime (open-market).....	7,245,211	74,677	6,302,551	68,908	7,462,109	82,847	8,236,422	96,507	8,055,609	94,795



Lithium minerals.....do.....	3,881	211	4,838	346	9,306	580	12,897	896	15,611	1,052
Magnesite (crude).....do.....	( <sup>5</sup> )	( <sup>5</sup> )	287,315	1,950	429,392	3,091	670,167	4,507	510,750	2,872
Magnesium compounds from sea water and brines (except for metal).....short tons (MgO equivalent).....			63,000	5,033	89,300	7,283	106,414	8,996	143,795	12,229
Marl.....short tons.....	114,759	146	166,800	232	347,843	246	269,955	234	260,213	187
Greensand.....do.....	7,269	393	6,128	277	3,935	304	5,067	264	4,600	178
Mica:										
Scrap.....do.....	52,157	1,092	32,856	796	69,360	1,743	71,871	1,834	75,236	1,954
Sheet.....pounds.....	270,042	46	513,994	132	578,818	126	594,884	160	697,989	908
Olivine.....short tons.....	4,766	86	3,528	57	4,108	59	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Peat.....do.....	129,581	930	129,532	1,020	130,723	1,143	194,416	1,489	210,582	1,730
Pelite.....do.....	22,112	134	71,203	511	101,536	649	153,502	858	164,845	1,003
Phosphate rock.....1,000 long tons.....	8,669	50,592	8,987	51,415	10,254	59,028	11,095	66,158	11,324	68,121
short tons (K <sub>2</sub> O equivalent).....	1,143,339	35,999	1,120,633	35,106	1,276,164	39,774	1,408,408	44,789	1,598,354	53,754
Potassium salts.....short tons.....	607,646	2,501	716,742	2,369	719,356	2,661	749,192	2,740	597,044	2,267
Pumice and pumicite.....long tons.....	928,531	3,950	888,388	3,904	931,163	4,059	1,017,769	4,656	994,342	4,947
Pyrites.....short tons.....	161,861	751	107,552	475	160,508	707	281,047	1,165	246,604	1,014
Quartz from pegmatites and quartzite.....short tons.....	15,338	54,220	15,560	53,549	16,616	59,774	20,197	69,616	19,532	70,871
Salt (common).....1,000 short tons.....	318,070	252,244	315,895	245,661	367,304	292,559	393,645	329,870	424,606	344,569
Sand and gravel.....do.....	692,773	5,778	610,789	5,258	750,673	6,463	818,479	7,163	792,802	6,923
Sand and sandstone (ground).....short tons.....	799,400	12,881	740,260	12,164	930,370	15,047	819,360	14,534	739,640	12,707
Slate.....do.....	7,238,769	76,623	7,230,496	74,164	351,075	7,544	350,688	8,368	323,479	7,828
Sodium carbonate (natural).....do.....	265,862	4,249	186,223	2,734	186,537	2,199	( <sup>5</sup> )	( <sup>5</sup> )	236,825	3,217
Sodium sulfate (natural).....do.....	224,475	326,660	222,549	338,442	250,844	387,911	284,155	433,925	239,005	461,064
Stone <sup>1</sup> .....1,000 short tons.....										
Sulfur:										
Ore for direct agricultural use.....long tons.....	1,700	30	5,392	102	3,247	60	3,945	76	4,086	91
Frasch-process.....do.....	4,978,912	89,609	4,789,311	86,208	5,504,714	104,000	4,988,101	107,300	5,141,392	110,925
Talc, pyrophyllite, and ground soapstone.....short tons.....	518,746	8,265	461,896	7,523	620,759	10,621	636,068	11,323	593,147	11,347
Topaz (industrial).....do.....	200	4	( <sup>5</sup> )	( <sup>5</sup> )						
Tripoli.....do.....	26,845	706	25,525	691	43,720	1,174	37,476	1,105	35,459	1,043
Vermiculite.....do.....	138,635	1,387	168,819	1,686	208,096	2,122	209,008	2,094	208,906	2,082
Wollastonite.....do.....	75	2	500	7	800	16	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Undistributed <sup>2</sup> .....do.....		10,549		8,105		9,824		16,026		15,104
<b>Total metals.....</b>		<b>1,219,000</b>		<b>1,101,000</b>		<b>1,351,000</b>		<b>1,670,000</b>		<b>1,611,000</b>
Antimony ore and concentrate.....										
short tons (gross weight).....	16,171	4,349	5,186	1,134	6,888	1,443	9,100	( <sup>10</sup> )	4,434	( <sup>10</sup> )
Bauxite.....long tons (dried equivalent).....	1,457,148	8,697	1,148,792	6,778	1,334,527	7,693	1,848,676	12,478	1,667,047	10,776
Beryllium concentrate.....short tons (gross weight).....	99	27	475	152	559	171	484	161	515	234
Chromite.....do.....	3,619	( <sup>10</sup> )	433	12	404	( <sup>10</sup> )	7,056	511	21,304	1,777
Cobalt (content of ore).....pounds.....	580,703	( <sup>10</sup> )	673,773	( <sup>10</sup> )	660,025	( <sup>10</sup> )	755,631	( <sup>10</sup> )	836,372	( <sup>10</sup> )
Columbium (niobium) concentrate.....										
pounds (gross weight).....	100	( <sup>10</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )
Copper (recoverable content of ores, etc.).....short tons.....	834,797	362,302	752,746	296,582	909,337	378,284	928,329	449,311	925,377	447,882
Gold (recoverable content of ores, etc.).....troy ounces.....	1,765,862	61,805	1,762,367	61,683	2,104,959	73,674	1,741,026	60,936	1,652,704	57,845
Iron ore, usable (excluding byproduct iron sinter).....										
1,000 long tons (gross weight).....	100,275	391,230	84,174	377,637	97,151	483,358	115,622	629,837	97,236	590,347
Lead (recoverable content of ores, etc.).....short tons.....	390,147	139,673	409,857	129,515	430,678	116,283	388,143	134,297	390,161	126,632
Manganese ore (35 percent or more Mn).....										
short tons (gross weight).....	131,100	4,390	126,135	5,179	134,451	6,230	105,007	6,045	115,379	8,252
Manganiferous ore (5 to 35 percent Mn).....do.....	1,340,565	( <sup>10</sup> )	1,078,395	4,040	1,087,597	4,609	1,223,964	5,386	1,009,018	5,117
Manganiferous residuum.....do.....	291,383	( <sup>10</sup> )	158,902	( <sup>10</sup> )	183,842	( <sup>10</sup> )	267,751	( <sup>10</sup> )	215,255	( <sup>10</sup> )

See footnotes at end of table.

No. 906.—MINERAL PRODUCTION IN CONTINENTAL UNITED STATES: 1948 TO 1952—Continued

MINERAL	1948		1949		1950		1951		1952	
	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
<b>Metals—Continued</b>										
Mercury.....	14, 288	1, 093	9, 830	781	4, 535	369	7, 293	1, 532	12, 519	2, 493
Molybdenum (content of ore and concentrate).....	29, 669	20, 418	23, 280	19, 332	44, 544	37, 729	37, 955	36, 177	42, 717	40, 845
Silver (recoverable content of ores, etc.).....	38, 029	34, 418	34, 639	31, 350	42, 406	38, 380	39, 734	35, 961	39, 419	35, 676
Tantalum concentrate.....	500	(10)	11 1, 020	11 2	11 1, 000	11 2	11 925	11 2	11 5, 385	11 17
Tin (content of ore and concentrate).....	(12)	(10)	17	37	15	31	19	56	17	45
Titanium concentrate:										
Ilmenite.....	381, 508	5, 794	389, 234	6, 212	452, 370	5, 608	510, 840	7, 689	522, 514	8, 023
Rutile.....	9, 907	647	10, 559	490	(10)	(10)	(10)	(10)	(10)	(10)
Tungsten concentrate										
short tons (60-percent WO <sub>3</sub> basis).....	4, 033	6, 355	2, 765	4, 377	4, 807	8, 157	6, 265	22, 937	7, 603	28, 943
Zinc (recoverable content of ores, etc.).....	629, 955	167, 974	593, 201	148, 913	623, 369	178, 667	681, 188	249, 330	666, 901	222, 982
Undistributed <sup>13</sup> .....	-----	10, 466	-----	6, 671	-----	10, 216	-----	17, 755	-----	23, 582

<sup>1</sup> Beginning 1949, asphalt and related bitumens, carbon dioxide, helium, and peat are included in total mineral fuels, excluded from total nonmetallic minerals.

<sup>2</sup> Includes small quantity of anthracite mined in States other than Pennsylvania.

<sup>3</sup> Excludes sharpening stones, included with "Nonmetallic minerals, undistributed."

<sup>4</sup> Weight not recorded.

<sup>5</sup> Value included with "Nonmetallic minerals, undistributed."

<sup>6</sup> Excludes clays sold or used for cement as follows: 1948, 6,362,000 short tons, \$4,320,000;

1949, 6,676,000 tons, \$4,573,000; 1950, 7,080,000 tons, \$5,574,000; 1951, 7,804,000 tons, \$8,052,000;

1952, 8,439,000 tons, \$8,646,000.

<sup>7</sup> Excludes production from Wyoming, value for which is included with "Nonmetallic minerals, undistributed."

<sup>8</sup> Excludes abrasive stone, bituminous limestone, bituminous sandstone, and ground soapstone, all included elsewhere in table. Also excludes limestone for cement and lime.

<sup>9</sup> Comprises andalusite (1948-49), apatite, brucite, diatomite, dumortierite (1949), epsom salt from epsomite (1949-51), iodine, quartz crystal (1950), sharpening stones; sodium carbonate (Wyoming 1948-49), and minerals indicated by footnote reference 5.

<sup>10</sup> Value included with "Metals, undistributed."

<sup>11</sup> Columbite and tantalite production not differentiated and given under tantalum concentrate.

<sup>12</sup> Less than 0.5 ton.

<sup>13</sup> Comprises magnesium chloride for magnesium metal, platinum-group metals (crude), vanadium, zirconium concentrate, and minerals indicated by footnote reference 10.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.



**No. 907.—RAW MATERIALS PRODUCTION, IMPORTS, EXPORTS, AND APPARENT CONSUMPTION, VALUE IN CONSTANT DOLLARS: 1900 TO 1952**

[In millions of 1935-39 dollars]

ITEM AND YEAR	All raw materi- als <sup>1</sup>	AGRICULTURAL MATERIALS			Fishery and wildlife prod- ucts	Forest prod- ucts	MINERALS			
		Total	Foods	Non- foods			Total <sup>1</sup>	Metallic orcs <sup>1</sup>	Mineral fuels	Other min- erals
PRODUCTION										
1900.....	8, 620	6, 259	4, 829	1, 430	107	1, 258	996	189	699	108
1910.....	10, 481	7, 131	5, 529	1, 602	113	1, 347	1, 890	327	1, 356	207
1920.....	12, 133	8, 278	6, 416	1, 862	102	1, 161	2, 592	399	1, 941	252
1930.....	13, 070	8, 825	7, 270	1, 555	145	994	3, 106	387	2, 308	411
1940.....	14, 793	9, 920	8, 082	1, 838	149	957	3, 767	507	2, 763	497
1950.....	18, 689	12, 190	10, 050	2, 140	157	1, 100	5, 242	572	3, 788	882
1951.....	19, 721	12, 633	10, 468	2, 165	152	1, 115	5, 821	647	4, 192	982
1952.....	20, 284	13, 200	10, 630	2, 570	145	1, 139	5, 800	628	4, 144	1, 028
IMPORTS										
1900.....	490	314	189	125	44	17	115	91	4	20
1910.....	749	463	253	210	68	33	185	144	5	36
1920.....	1, 260	792	428	364	66	51	351	200	120	31
1930.....	1, 405	900	510	390	93	79	333	175	118	40
1940.....	1, 647	965	493	472	115	68	499	370	93	36
1950.....	2, 274	1, 089	584	505	122	140	923	514	334	75
1951.....	2, 129	1, 020	575	445	116	137	856	436	337	83
1952.....	2, 279	1, 015	570	445	115	127	1, 022	561	381	80
EXPORTS										
1900.....	1, 284	1, 074	510	564	27	43	140	89	47	4
1910.....	951	650	186	464	39	49	213	130	77	6
1920.....	1, 470	1, 074	635	439	33	35	328	137	176	15
1930.....	1, 316	848	359	489	32	58	378	152	206	20
1940.....	893	455	173	282	30	34	374	170	181	23
1950.....	1, 382	1, 020	541	479	22	28	312	92	178	42
1951.....	1, 773	1, 276	816	460	27	31	439	107	290	42
1952.....	1, 538	1, 066	689	377	23	24	425	117	269	39
APPARENT CONSUMPTION <sup>2</sup>										
1900.....	7, 826	5, 499	4, 508	991	124	1, 232	971	191	656	124
1910.....	10, 279	6, 944	5, 596	1, 348	142	1, 331	1, 862	341	1, 284	237
1920.....	11, 923	7, 996	6, 209	1, 787	135	1, 177	2, 615	462	1, 885	268
1930.....	13, 159	8, 877	7, 421	1, 456	206	1, 015	3, 061	410	2, 220	431
1940.....	15, 547	10, 430	8, 402	2, 028	234	991	3, 892	707	2, 675	510
1950.....	19, 581	12, 259	10, 093	2, 166	257	1, 212	5, 853	994	3, 944	915
1951.....	20, 077	12, 377	10, 227	2, 150	241	1, 221	6, 238	976	4, 239	1, 023
1952.....	21, 025	13, 149	10, 511	2, 638	237	1, 242	6, 397	1, 072	4, 256	1, 069

<sup>1</sup> Excludes gold.

<sup>2</sup> Represents "production" plus "imports," minus "exports."

Source: Department of Commerce, Bureau of the Census; *Raw Materials in the United States' Economy: 1900-1952*, (Working Paper No. 1).

No. 908.—APPARENT CONSUMPTION OF PRINCIPAL MINERALS, 1950 AND 1951, AND PERCENTAGE DISTRIBUTION, BY SOURCES OF SUPPLY, 1951  
 [These data may not agree with similar data in subsequent tables due to use of different methods of calculation]

COMMODITY AND UNIT OF MEASUREMENT	APPARENT CONSUMPTION		PRIMARY AND SECONDARY PRODUCTION AS A PERCENT OF APPARENT CONSUMPTION <sup>1</sup>		NET IMPORTS <sup>2</sup> AS A PERCENT OF APPARENT CONSUMPTION <sup>1</sup>		IMPORTS FOR CONSUMPTION, 1951					
	APPARENT CONSUMPTION		PRIMARY AND SECONDARY PRODUCTION AS A PERCENT OF APPARENT CONSUMPTION <sup>1</sup>		NET IMPORTS <sup>2</sup> AS A PERCENT OF APPARENT CONSUMPTION <sup>1</sup>		Percent from—					
	1950	1951	1950	1951	1950	1951	Total	Canada and Mexico	South and East Pacific <sup>3</sup>	Other Western Hemisphere	Other free world	U. S. S. R. bloc
Aluminum.....1,000 short tons (Al content).....	1,209	1,286	79.6	87.9	19.4	11.4	162	73	(4)	(4)	27	
Antimony.....short tons (Sb content).....	35,181	37,531	60.4	62.4	46.0	39.0	14,818	42		(4)	21	(4)
Barite.....1,000 short tons.....	754	914	91.9	92.6	7.8	5.8	53	100				
Boron minerals and compounds.....		650					( <sup>5</sup> )					
1,000 short tons (gross weight).....	505		128.3	132.8	-28.3	-32.8						
Bromine and bromine in compounds.....1,000 pounds.....	97,739	126,978	100.8	102.0	-0.8	-2.0	3		15		85	
Cadmium.....1,000 pounds (Cd content).....	9,502	7,172	96.7	115.9	2.9	-7.2	90	3	11		86	
Chromite.....1,000 short tons.....	1,453	1,403	( <sup>6</sup> )	0.5	89.6	101.7	1,429		5	6	89	
Clays.....do.....	39,304	43,243	100.2	100.4	-0.2	-0.4	151	6	(4)		94	
Coal:												
Anthracite.....do.....	39,915	37,068	110.4	115.2	-9.7	-16.0	27				100	
Bituminous and lignite.....do.....	460,428	473,280	112.1	112.7	-5.5	-12.0	292	100		(4)	(4)	
Cobalt.....1,000 pounds (Co content).....	11,913	12,137	7.9	14.8	78.3	85.2	10,337	2			98	
Copper.....1,000 short tons (Cu content).....	2,002	1,775	86.1	93.8	8.9	6.2	242	12		(4)	(4)	
Fluorspar, finished.....short tons.....	433,971	525,836	65.3	64.9	37.8	34.3	181,275	47	88		53	
Gypsum, crude.....1,000 short tons.....	11,388	12,089	71.9	71.7	28.1	28.3	3,448	99		1		(4)
Iron ore.....1,000 gross (long) tons.....	105,489	116,406	92.9	10.1	5.5	5.0	10,145	21	27	17	35	
short tons (Mg content).....	20,599	46,574	102.7	101.1	-2.7	-1.0	108	100				
Magnesium.....1,000 short tons (Mn content).....	1,205	1,283	15.5	14.6	81.5	75.8	977	10	1	11	78	(4)
Manganese.....76-pound flasks.....	45,503	60,359	10.0	12.1	122.3	78.9	47,860	12	(4)	(4)	88	
Mercury.....1,000 pounds.....	27,900	25,473	2.1	2.3	97.9	97.7	25,277	2	(4)	11	87	(4)
Molybdenum ore and concentrate.....												
1,000 pounds (Mo content).....	37,081	34,398	76.8	112.9	-16.7	-10.8	4				100	(4)
Lead.....1,000 short tons (Pb content).....	1,407	1,090	61.0	76.2	37.5	19.2	210	50	27	1	22	
Nickel.....short tons (Ni content).....	93,235	96,618	6.1	5.8	92.3	93.5	94,576	95		(4)	5	
Petroleum, crude.....1,000 000 barrels.....	2,118	2,388	93.2	94.1	6.6	6.2	177	7		70	23	
Phosphate rock.....1,000 long tons (P <sub>2</sub> O <sub>5</sub> content).....	2,758	3,103	129.3	111.4	-20.9	-16.3	29	2			98	
Platinum-group metals.....1,000 troy ounces.....	503	565	19.1	15.9	75.1	92.4	601	48		4	45	3
Potash.....1,000 short tons (K <sub>2</sub> O equivalent).....	1,411	1,653	91.2	85.9	9.5	14.8	313		1		97	2
Salt, common.....1,000 short tons.....	16,447	19,772	101.1	102.2	-1.1	-2.2	4	100		(4)	1	
Sulfur.....1,000 long tons (S content).....	4,951	4,705	121.0	131.7	-30.0	-27.8	2	17	15	67	100	(4)
Tin.....long tons (Sn content).....	112,478	73,196	729.4	743.5	73.4	37.6	27,784					
Titanium concentrate: Ilmenite.....												
1,000 short tons (TiO <sub>2</sub> content).....	374	385	63.9	70.9	34.8	29.4	113	2	(4)	(4)	98	
Tungsten ore and concentrates.....												
short tons (W content).....	9,916	6,678	20.0	44.3	81.4	47.7	3,188	2		30	54	(4)
Zinc.....1,000 short tons (Zn content).....	1,144	937	57.9	73.6	33.1	26.3	286	86	6	2	6	

<sup>1</sup> Where sum of percentages for production and imports for a particular mineral does not equal 100, difference is due to changes in stocks.

<sup>2</sup> Minus sign denotes net exports. Imports calculated to include all sources of minerals, through refined stage. Exports calculated to include only those shipments occurring before point of consumption.

<sup>3</sup> West coast of South America (Salvador, Chile, Bolivia, Peru, and Ecuador), Australia, New Zealand, and New Caledonia.

<sup>4</sup> Less than 0.5 percent.

<sup>5</sup> Negligible.

<sup>6</sup> Less than 0.05 percent.

<sup>7</sup> Domestic smelter production. Domestic mine production, virtually all from Alaska was 94 long tons in 1950 and 88 long tons in 1951.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.



## No. 909.—MINERAL PRODUCTION—INDEXES OF PHYSICAL VOLUME: 1947 TO 1954

[1947-49 average=100. The indexes shown here constitute a basic revision of the Federal Reserve index of industrial production. For details on composition and construction of the index, see *Federal Reserve Bulletin* December 1953. See also *Historical Statistics*, series G 6-8, for indexes on 1935-39 base]

YEAR	All min- erals	MINERAL FUELS					METAL, STONE, AND EARTH MATERIALS		
		Total	Coal			Crude oil and natural gas	Total	Metal mining	Stone and earth materi- als
			Total	Anthra- cite	Bitum- inous				
1947	100	101	113	109	113	95	98	101	95
1948	106	106	108	109	108	105	104	105	104
1949	94	93	79	82	79	99	97	94	101
1950	105	103	92	84	93	109	111	103	114
1951	115	114	94	82	96	123	121	116	127
1952	114	113	83	78	84	128	115	108	123
1953	116	115	78	57	81	133	119	113	124
1954	111	113	67	52	70	134	106	90	123

Source: Board of Governors of the Federal Reserve System. Totals and monthly data published in the *Federal Reserve Bulletin*.

## No. 910.—IMPORTS AND EXPORTS OF PRINCIPAL MINERAL PRODUCTS: 1951 TO 1953

MINERAL	QUANTITY				VALUE (\$1,000)		
	Unit	1951	1952	1953	1951	1952	1953
<b>IMPORTS</b>							
Fuels: Petroleum	1,000 barrels	177,356	207,492	237,908	374,869	438,972	509,851
Nonmetallic minerals:							
Asbestos	Short tons	761,873	709,470	692,246	58,521	61,605	59,754
Diamonds:							
Gem	1,000 carats	1,135	1,148	1,175	110,170	103,864	107,573
Industrial	do	12,287	13,694	13,518	46,799	51,910	48,989
Mica	Short tons	18,597	13,048	10,989	22,517	14,681	15,263
Ores and concentrates:							
Bauxite	Long tons	2,162,902	3,497,939	4,390,576	13,874	23,194	29,585
Chromite	Short tons	1,429,020	1,708,968	2,263,631	25,506	38,595	56,082
Copper	Short tons of metal	78,235	100,229	120,312	37,722	54,596	55,898
Iron ore	1,000 long tons	10,148	9,772	11,086	59,555	82,903	96,842
Lead	Short tons of metal	32,749	110,357	67,585	8,636	33,253	15,391
Manganese ore	1,000 short tons	2,075	236	3,302	46,598	67,753	105,673
Nickel <sup>1</sup>	Short tons of metal	24,815	38,385	46,455	14,354	23,553	32,081
Tin	Long tons of metal	29,621	26,491	35,973	82,462	65,287	82,713
Tungsten	Short tons of metal	3,188	8,709	14,030	17,604	57,062	91,602
Metals (incl. scrap): <sup>2</sup>							
Aluminum	Short tons	142,431	135,231	327,549	47,777	46,096	123,834
Copper	do	379,031	526,083	281,940	193,442	336,162	186,209
Lead <sup>3</sup>	do	184,636	525,993	384,891	66,992	170,388	97,830
Nickel	do	102,448	118,482	85,579	96,102	113,052	102,750
Platinum group	Troy ounces	576,260	424,562	588,172	34,111	23,323	35,973
Tin <sup>4</sup>	Long tons	28,402	80,919	81,424	74,591	215,879	187,614
Zinc	Short tons	94,646	116,543	233,568	31,393	36,755	50,838
<b>EXPORTS</b>							
Fuels:							
Anthracite	1,000 short tons	5,956	4,592	2,724	89,024	73,879	51,882
Bituminous coal	do	56,722	47,643	33,760	495,992	420,024	283,231
Petroleum	1,000 barrels	28,603	26,697	19,932	81,767	78,366	59,970
Nonmetallic minerals:							
Cement	do	2,933	3,174	2,551	9,964	11,149	9,347
Phosphate rock	Long tons	1,726,834	1,425,643	2,100,798	14,735	12,404	18,368
Potash material	Short tons	124,212	101,200	88,207	7,594	4,837	3,936
Sulfur, native	1,000 long tons	1,288	1,304	1,242	31,761	33,515	34,554
Metals (incl. scrap): <sup>2</sup>							
Aluminum <sup>5</sup>	Short tons	2,420	2,414	6,957	563	683	2,413
Copper <sup>6</sup>	do	147,941	191,713	180,381	79,128	127,894	100,383
Iron and steel, scrap <sup>4</sup>	1,000 short tons	231	342	304	6,867	11,198	10,065
Molybdenum <sup>6</sup>	Short tons	55	86	11	108	132	13
Nickel <sup>6</sup>	do	4,185	6,807	14,712	5,160	6,527	9,674
Zinc <sup>6</sup>	do	42,545	59,104	19,449	17,256	24,998	4,944

<sup>1</sup> Includes matte and oxide.

<sup>2</sup> Excludes semifabricated forms with the exception of 1951 data on exports of nickel.

<sup>3</sup> Includes alloys in chief value of lead. <sup>5</sup> Includes alloys.

<sup>4</sup> Includes alloys in chief value of tin. <sup>6</sup> Includes tin plated and terne plated scrap.

Source: Department of Commerce, Bureau of the Census.

# No. 911.—EMPLOYMENT AND INJURIES IN MINERAL INDUSTRIES, BY INDUSTRY GROUP: 1915 TO 1953

[Excludes data on petroleum, natural gas, sand and gravel, clay, iron smelting and steel industries. For additional data for coal mines, see table 914. See also *Historical Statistics*, series G 131-158]

ITEM	1915	1920	1930	1940	1945	1950	1952	1953 (prel.)
Men working daily, total <sup>1</sup> .....	1,067,817	1,095,063	888,514	801,926	637,220	719,862	644,554	592,940
Coal mines.....	734,008	784,621	644,066	533,267	437,921	483,239	401,329	350,400
Metal mines <sup>2</sup> .....	152,118	136,583	103,233	120,120	71,665	80,269	87,073	82,400
Quarries.....	100,740	86,488	80,633	79,509	58,180	85,730	81,879	82,900
Coke plants.....	31,060	28,139	19,855	19,962	22,987	24,347	25,241	23,440
Metallurgical plants.....	49,891	59,232	40,787	49,068	46,467	46,277	49,032	53,800
Average active days, total.....	231	249	217	219	271	221	226	236
Coal mines.....	209	230	192	199	259	189	189	199
Metal mines <sup>2</sup> .....	280	296	270	242	289	275	268	274
Quarries.....	246	267	255	240	264	272	279	272
Coke plants.....	303	319	347	339	344	341	315	345
Metallurgical plants.....	333	332	327	295	329	314	319	317
Man-days worked, total.....								
1,000 days.....	246,847	272,526	192,525	175,665	172,672	159,442	145,772	139,952
Coal mines.....do.....	153,479	180,385	123,894	106,239	113,424	91,231	76,002	69,619
Metal mines <sup>2</sup> .....do.....	42,599	40,362	27,870	29,046	20,689	22,034	23,359	22,613
Quarries.....do.....	24,734	23,127	20,559	19,122	15,376	23,346	22,844	22,588
Coke plants.....do.....	9,424	8,976	6,881	6,774	7,915	8,292	7,939	8,086
Metallurgical plants.....do.....	16,611	19,676	13,321	14,484	15,268	14,539	15,628	17,046
Man-hours worked, total.....								
1,000 hours.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1,385,128	1,437,533	1,259,437	1,155,624	1,117,263
Coal mines.....do.....	1,339,279	1,451,162	1,102,902	840,416	958,591	711,390	593,699	544,570
Metal mines <sup>2</sup> .....do.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	230,728	165,908	176,221	187,603	182,430
Quarries.....do.....	231,512	216,465	186,502	147,244	127,168	189,535	186,552	189,256
Coke plants.....do.....	( <sup>3</sup> )	86,070	55,969	53,624	64,375	65,861	62,803	64,677
Metallurgical plants.....do.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	113,116	121,491	116,430	124,967	136,330
Number of injuries:								
Fatal.....	3,076	2,985	2,492	1,716	1,270	843	777	640
Coal mines.....	2,269	2,272	2,063	1,388	1,068	643	548	460
Metal mines <sup>2</sup> .....	553	425	271	223	112	103	131	111
Quarries.....	148	178	105	72	53	54	74	49
Coke plants.....	38	49	28	15	18	14	8	8
Metallurgical plants.....	68	61	25	18	19	29	16	12
Nonfatal.....	( <sup>3</sup> )	( <sup>3</sup> )	126,740	80,856	73,411	53,229	45,831	40,745
Coal mines.....	( <sup>3</sup> )	( <sup>3</sup> )	99,981	57,776	57,117	37,264	30,074	26,275
Metal mines <sup>2</sup> .....	35,295	32,562	15,594	14,766	8,067	7,849	7,855	7,285
Quarries.....	9,671	11,217	7,417	5,188	4,121	4,762	4,503	4,165
Coke plants.....	2,852	3,415	1,022	544	835	780	546	425
Metallurgical plants.....	7,813	8,863	2,726	2,582	3,271	2,574	2,853	2,595
Permanent.....	( <sup>3</sup> )	( <sup>3</sup> )	3,684	2,912	1,707	1,707	1,474	( <sup>3</sup> )
Coal mines.....	( <sup>3</sup> )	( <sup>3</sup> )	2,728	2,151	1,109	963	786	( <sup>3</sup> )
Metal mines <sup>2</sup> .....	609	357	503	423	310	300	335	( <sup>3</sup> )
Quarries.....	523	337	265	172	89	172	152	( <sup>3</sup> )
Coke plants.....	( <sup>3</sup> )	79	32	22	34	31	30	( <sup>3</sup> )
Metallurgical plants.....	( <sup>3</sup> )	149	156	144	165	241	171	18
Injury rates per million man-hours:								
Fatal.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1.24	0.88	0.67	0.67	0.57
Coal mines.....	1.69	1.57	1.87	1.65	1.11	0.90	0.92	0.84
Metal mines <sup>2</sup> .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	0.97	0.68	0.58	0.70	0.61
Quarries.....	0.64	0.82	0.56	0.49	0.42	0.28	0.40	0.26
Coke plants.....	( <sup>3</sup> )	0.57	0.50	0.28	0.28	0.21	0.13	0.12
Metallurgical plants.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	0.16	0.16	0.25	0.13	0.09
Nonfatal.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	58.37	51.07	42.26	39.66	36.47
Coal mines.....	( <sup>3</sup> )	( <sup>3</sup> )	90.65	68.75	59.58	52.38	50.66	48.25
Metal mines <sup>2</sup> .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	64.00	48.62	44.54	41.87	39.93
Quarries.....	41.77	51.82	39.77	35.23	32.41	25.12	24.14	22.01
Coke plants.....	( <sup>3</sup> )	39.68	18.26	10.14	12.97	11.84	8.69	6.57
Metallurgical plants.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	22.83	26.92	22.11	22.83	19.03
Injury rates per thousand 300-day workers, for all mines except coal:								
Fatal.....	3.89	3.16	2.92	2.30	1.62	1.40	1.68	1.47
Nonfatal.....	248.56	242.02	167.86	152.51	116.66	106.87	100.88	96.65

<sup>1</sup> Average number of men at work each day mine was active. Because absenteeism and labor turnover are taken into consideration, this number is lower than number of men available for work as measured by a count of names on payroll.

<sup>2</sup> Includes nonmetal mines except coal and quarries.

<sup>3</sup> Not available.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook* and records.



## No. 912.—COAL—PRODUCTION, CONSUMPTION, IMPORTS, AND EXPORTS: 1910 TO 1953

[Quantities in thousands of short tons except as indicated; values in thousands of dollars. Includes coal consumed at mines. See also *Historical Statistics*, series G 13-42]

ITEM	1910	1920	1930	1940	1945	1950	1952	1953
<b>Total coal production:</b>								
Quantity.....	501,596	658,265	536,911	512,257	632,551	560,388	507,423	488,240
Value, total.....	629,557	2,564,185	1,150,057	1,084,817	2,092,148	2,892,772	2,668,894	2,546,969
<b>BITUMINOUS COAL <sup>1</sup></b>								
<b>Production:</b>								
Quantity.....	417,111	568,667	467,526	460,772	577,617	516,311	466,841	457,290
Value, total.....	469,282	2,129,933	795,483	879,327	1,768,204	2,500,374	2,289,180	2,247,829
Average per ton.....	1.12	3.75	1.70	1.91	3.06	4.84	4.90	4.92
<b>Exports:</b>								
Quantity.....	12,078	38,517	15,877	16,466	27,956	25,468	47,643	33,760
Value.....	26,685	304,273	59,186	60,832	147,954	206,545	420,024	283,231
<b>Imports:</b>								
Quantity.....	2,225	1,245	241	372	467	347	262	227
Value.....	4,761	6,734	1,135	1,501	2,294	2,369	1,793	1,610
<b>Consumption</b> .....		508,595	454,990	430,910	559,567	454,202	418,757	420,798
Number of mines.....	5,818	8,921	5,891	6,324	7,033	9,429	7,275	6,671
Average number of men employed.....	555,533	639,547	493,202	439,075	383,100	<sup>2</sup> 415,582	<sup>2</sup> 335,217	<sup>2</sup> 293,106
Calculated capacity <sup>3</sup> (millions of net tons):								
At 308 days per year.....	592	796	770	703	682	867	771	737
At 280 days per year.....	538	725	700	639	620	790	703	670
At 261 days per year.....	502	675	653	595	578	734	654	625
Average number of days worked.....	217	220	187	202	261	183	186	191
Average tons per man:								
Per day.....	3.46	4.00	5.06	5.19	5.78	6.77	7.47	8.17
Per year.....	751	881	948	1,049	1,508	1,239	1,389	1,560
Percent underground production:								
Cut by machines.....	41.7	60.7	81.0	88.4	90.8	91.8	92.8	92.3
Mechanically loaded.....			10.5	35.4	56.1	69.4	75.5	79.6
Percent total production:								
Mechanically cleaned.....	3.8	3.3	8.3	22.2	25.6	38.5	48.7	52.9
Mined by stripping.....		1.5	4.3	9.4	19.0	23.9	23.3	23.1
<b>ANTHRACITE (PA.) <sup>4</sup></b>								
<b>Production:</b>								
Quantity.....	84,485	89,598	69,385	51,485	54,934	44,077	40,583	30,949
Value, total.....	160,275	434,252	354,574	205,490	323,944	392,398	379,714	299,140
Average per ton.....	1.90	4.85	5.11	3.99	5.90	8.90	9.36	9.67
<b>Exports:</b>								
Quantity.....	3,384	5,404	2,552	2,668	3,691	3,892	4,592	2,724
Value.....	14,785	45,538	24,509	21,210	36,435	62,502	73,879	51,882
<b>Imports:</b>								
Quantity.....	9	32	675	135	( <sup>5</sup> )	18	29	31
Value.....	42	258	4,376	976	1	255	508	547
<b>Consumption (apparent)</b> .....	81,110	85,786	67,628	49,000	51,600	39,900	35,300	28,000
Average number of men employed.....	169,497	145,074	150,804	91,313	72,842	72,624	65,923	57,862
Average number of days worked.....	229	271	208	186	269	211	201	163
Average tons per man:								
Per day.....	2.17	2.28	2.21	3.02	2.79	2.83	3.06	3.28
Per year.....	498	618	460	562	751	597	615	535
Quantity cut by machines.....	<sup>6</sup> 70	938	1,410	1,816	1,210	612	386	319
Quantity mined by stripping.....		2,054	2,536	6,353	10,056	11,834	10,697	8,606
Quantity loaded mechanically underground.....			4,468	12,326	13,928	12,336	10,034	6,839
<b>World total, bituminous coal, lignite and anthracite.....</b>	<b>1,285,295</b>	<b>1,453,948</b>	<b>1,558,668</b>	<b>1,983,057</b>	<b>1,494,734</b>	<b>1,997,387</b>	<b>2,132,972</b>	<b>2,164,939</b>

<sup>1</sup> Data relate to mines having output of 1,000 tons a year or more, including lignite and small output of anthracite produced outside Pennsylvania. Includes Alaska. <sup>2</sup> Average number of men working daily.

<sup>3</sup> Capacity of active mines with existing labor force, derived on basis of average output per day.

<sup>4</sup> Beginning 1945, production data include some bootleg coal purchased by anthracite industry for preparation and shipment to market. Data on employment, however, exclude such purchased coal, as complete employment data on "bootleg" holes are not available. <sup>5</sup> Less than 500 tons. <sup>6</sup> For 1911.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook* and annual bulletins.

## No. 913.—COAL—PRODUCTION, BY STATES: 1931 TO 1953

[In thousands of short tons. Includes coal consumed at mines. See also *Historical Statistics*, series G 13 and 16]

STATE	1931- 1935, avg.	1936- 1940, avg.	1941- 1945, avg.	1946- 1950, avg.	1949	1950	1951	1952	1953
<b>Total quantity</b> .....	<b>405, 108</b>	<b>468, 860</b>	<b>636, 037</b>	<b>595, 972</b>	<b>480, 570</b>	<b>560, 388</b>	<b>576, 335</b>	<b>507, 423</b>	<b>488, 240</b>
Anthracite (Pa.).....	53, 674	51, 101	59, 195	52, 323	42, 702	44, 077	42, 670	40, 583	30, 949
Bituminous.....	351, 434	417, 758	576, 842	543, 649	437, 868	516, 311	533, 665	466, 841	457, 290
Alabama.....	9, 252	12, 620	17, 783	16, 278	12, 934	14, 422	13, 597	11, 383	12, 532
Arkansas.....	1, 012	1, 387	1, 821	1, 459	962	1, 169	1, 107	873	775
Colorado.....	5, 711	6, 435	7, 830	5, 360	4, 636	4, 259	4, 103	3, 623	3, 575
Illinois.....	40, 198	48, 367	68, 442	60, 034	47, 208	56, 291	54, 200	45, 790	46, 010
Indiana.....	14, 386	17, 232	25, 216	21, 500	16, 550	19, 957	19, 451	16, 350	15, 812
Iowa.....	3, 492	3, 376	2, 569	1, 752	1, 725	1, 891	1, 630	1, 381	1, 388
Kansas.....	2, 270	2, 949	3, 664	2, 386	2, 031	2, 125	1, 961	2, 029	1, 715
Kentucky.....	38, 130	44, 970	64, 020	74, 791	62, 583	78, 495	74, 972	66, 114	65, 060
Maryland.....	1, 654	1, 496	1, 854	1, 406	668	648	589	588	530
Michigan.....	492	510	195	26	12	11	7		
Missouri.....	3, 624	3, 577	3, 947	3, 720	3, 647	2, 963	3, 269	2, 955	2, 393
Montana <sup>1</sup> .....	2, 396	2, 871	4, 245	3, 017	2, 766	2, 520	2, 345	2, 070	1, 873
New Mexico.....	1, 338	1, 378	1, 600	1, 164	1, 004	727	783	760	514
North Dakota <sup>2</sup> .....	1, 750	2, 161	2, 447	2, 901	2, 967	3, 261	3, 224	2, 984	2, 803
Ohio.....	19, 151	22, 188	32, 190	35, 458	30, 961	37, 761	37, 949	36, 209	34, 737
Oklahoma.....	1, 368	1, 444	2, 623	3, 046	3, 022	2, 679	2, 223	2, 193	2, 168
Pennsylvania.....	86, 592	101, 556	138, 876	120, 441	89, 215	105, 870	108, 164	89, 181	93, 331
Tennessee.....	4, 062	5, 197	7, 184	5, 520	4, 172	5, 070	5, 401	5, 265	5, 467
Texas.....	1 738	1 816	1 200	2 48	2 49	2 18			
Utah.....	2, 846	3, 373	6, 012	6, 613	6, 160	6, 670	6, 136	6, 140	6, 544
Virginia.....	8, 923	13, 324	19, 121	17, 190	14, 584	17, 667	21, 400	21, 579	19, 119
Washington.....	1, 555	1, 744	1, 641	1, 020	899	874	857	844	690
West Virginia.....	95, 748	112, 932	154, 335	151, 153	122, 610	144, 116	163, 310	141, 713	134, 105
Wyoming.....	4, 545	5, 617	8, 664	6, 889	6, 001	6, 348	6, 430	6, 088	5, 245
Other States and Alaska.....	201	238	374	476	502	499	557	729	904

<sup>1</sup> Bituminous and lignite.<sup>2</sup> Lignite only.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*. Current data also published in annual bulletin, *Bituminous Coal and Lignite*.

## No. 914.—COAL—EMPLOYMENT, FATALITIES AND INJURIES AT MINES: 1911 TO 1953

[See also table 911 and *Historical Statistics*, series G 144-158]

ITEM	1911	1920	1930	1940	1945	1950	1952	1953 <sup>1</sup>
<b>ALL COAL MINES</b>								
Total coal production.....1,000 tons.....	496, 371	658, 265	536, 911	512, 808	631, 523	560, 388	507, 423	488, 240
Tons per man-hour.....	0.38	0.45	0.49	0.61	0.66	0.79	0.85	0.90
Employment:								
Number of employees.....	728, 348	784, 621	644, 006	533, 267	437, 921	483, 239	401, 329	350, 400
Active days.....	220	230	192	199	259	189	189	199
Man-hours.....1,000.....	1, 302, 108	1, 451, 162	1, 102, 902	840, 416	958, 591	711, 390	593, 698	544, 570
Number of men killed.....	2, 656	2, 272	2, 063	1, 388	1, 068	643	548	460
Per million tons coal mined.....	5.35	3.45	3.84	2.71	1.69	1.15	1.08	0.94
Per thousand men employed.....	3.65	2.90	3.20	2.60	2.44	1.33	1.37	1.31
Per thousand 300-day workers.....	4.97	3.78	5.00	3.92	2.82	2.11	2.16	1.98
Number of men injured.....	(2)	(2)	99, 981	57, 776	57, 117	37, 264	30, 074	26, 275
Per million tons coal mined.....	(2)	(2)	186.22	112.67	90.44	66.50	59.27	53.82
<b>BITUMINOUS COAL MINES</b>								
Number of men killed.....	1, 957	1, 781	1, 619	1, 204	925	550	449	396
Per million tons coal mined.....	4.82	3.13	3.46	2.61	1.60	1.07	0.96	0.87
Per thousand men employed.....	3.53	2.78	3.28	2.73	2.53	1.35	1.33	1.34
Per thousand 300-day workers.....	5.02	3.79	5.26	4.07	2.96	2.19	2.14	1.97
Number of men injured.....	(2)	(2)	71, 217	43, 994	46, 194	28, 390	23, 719	21, 820
Per million tons coal mined.....	(2)	(2)	152.33	95.37	80.12	54.99	50.81	47.72
<b>ANTHRACITE MINES</b>								
Number of men killed.....	699	491	444	184	143	93	99	64
Per million tons coal mined.....	7.73	5.48	6.40	3.57	2.60	2.11	2.44	2.07
Per thousand men employed.....	4.02	3.38	2.94	1.99	1.96	1.25	1.58	1.18
Per thousand 300-day workers.....	4.90	3.74	4.22	3.16	2.19	1.77	2.29	2.03
Number of men injured.....	(2)	(2)	28, 764	13, 782	10, 923	8, 874	6, 355	4, 455
Per million tons coal mined.....	(2)	(2)	414.56	267.67	198.60	201.33	156.59	143.95

<sup>1</sup> Preliminary.<sup>2</sup> Not available.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*, annual bulletin, *Injury Experience in Coal Mining*, and records.



# No. 915.—CONSUMPTION OF BITUMINOUS COAL AND LIGNITE, BY CONSUMER CLASS, WITH RETAIL DELIVERIES: 1940 TO 1953

[In thousands of short tons]

YEAR	Total of classes shown	Electric power utilities <sup>1</sup>	Bunker, foreign trade <sup>2</sup>	Railroads (class I) <sup>3</sup>	COKE		Steel and rolling mills	Cement mills <sup>4</sup>	Other industries <sup>5</sup>	Retail-dealer deliveries <sup>5</sup>
					Bee-hive ovens	By-product ovens				
1940-----	430, 910	49, 126	1, 426	85, 130	4, 803	76, 583	10, 040	5, 633	110, 469	87, 700
1945-----	559, 567	71, 603	1, 785	125, 120	8, 135	87, 214	10, 084	4, 215	129, 606	121, 805
1947-----	545, 891	86, 009	1, 689	109, 296	10, 475	94, 325	10, 048	7, 938	126, 948	99, 163
1948-----	519, 909	95, 620	1, 057	94, 838	10, 322	96, 984	10, 046	8, 554	112, 741	89, 747
1949-----	445, 538	80, 610	874	68, 123	5, 354	85, 882	7, 451	7, 988	98, 957	90, 299
1950-----	454, 202	88, 262	717	60, 969	9, 088	94, 757	7, 698	7, 943	98, 164	86, 604
1951-----	468, 904	101, 898	890	54, 005	11, 418	102, 030	7, 973	8, 525	105, 634	76, 531
1952-----	418, 757	103, 309	723	37, 962	6, 912	90, 702	6, 820	8, 073	95, 863	68, 393
1953-----	426, 798	112, 283	605	27, 735	8, 226	104, 648	6, 207	8, 362	97, 437	61, 295

<sup>1</sup> Federal Power Commission. Represents consumption by public-utility power plants in power generation, including a small quantity of coke amounting to approximately 100,000 tons annually.

<sup>2</sup> U. S. Bureau of the Census.

<sup>3</sup> Association of American Railroads. Represents consumption by class I railways for all uses, including locomotive, powerhouse, shop, and station fuel. The ICC reports that in 1953 consumption for all uses by class I line-haul railways, plus purchases for class II and class III railways, plus purchases by all switching terminal companies combined, was 29,211,854 tons of bituminous coal and lignite.

<sup>4</sup> Includes small amount of anthracite.

<sup>5</sup> Estimates based upon reports collected from a selected list of representative manufacturing plants and retailers.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*. Current data also published in annual bulletin, *Bituminous Coal and Lignite*.

# No. 916.—WORK STOPPAGES IN ANTHRACITE AND BITUMINOUS COAL-MINING INDUSTRIES, BY MAJOR ISSUES INVOLVED: 1940 TO 1954

[Excludes work stoppages involving fewer than 6 workers or lasting less than 1 day. Figures are for stoppages beginning in years shown. For combined statistics covering work stoppages in all industries, see table 257]

COAL-MINING INDUSTRY AND YEAR	NUMBER OF WORK STOPPAGES <sup>1</sup>				NUMBER OF WORKERS INVOLVED <sup>2</sup>				NUMBER OF MAN-DAYS IDLE			
	Total	Major issues			Total	Major issues			Total	Major issues		
		Wages and hours	Union organization <sup>2</sup>	Miscellaneous		Wages and hours	Union organization <sup>2</sup>	Miscellaneous		Wages and hours	Union organization <sup>2</sup>	Miscellaneous
<b>Anthracite:</b>												
1940-----	25	1	3	21	17, 355	62	2, 308	14, 985	105, 399	496	30, 470	74, 433
1945-----	43	18	-----	25	87, 700	74, 500	-----	13, 200	1, 163, 000	1, 108, 000	-----	55, 000
1947-----	28	6	-----	22	21, 300	6, 520	-----	14, 800	159, 000	105, 000	-----	53, 800
1948-----	26	5	1	20	54, 500	5, 710	20	48, 800	274, 000	33, 000	100	241, 000
1949-----	34	8	-----	26	218, 000	72, 500	-----	145, 000	1, 400, 000	600, 000	-----	799, 000
1950-----	41	13	-----	28	22, 200	11, 200	-----	10, 900	80, 100	27, 700	-----	52, 400
1951-----	30	5	-----	25	23, 900	6, 430	-----	17, 500	81, 200	53, 900	-----	27, 400
1952-----	41	6	1	34	32, 300	890	110	31, 300	104, 000	13, 600	110	90, 100
1953-----	24	3	1	20	14, 900	550	200	14, 100	108, 000	670	1, 800	106, 000
1954-----	19	2	-----	17	9, 370	60	-----	9, 310	76, 100	370	-----	75, 700
<b>Bituminous:<sup>4</sup></b>												
1940-----	34	4	10	20	24, 372	272	3, 451	20, 649	153, 296	15, 954	16, 214	121, 128
1945-----	598	144	49	405	581, 500	203, 100	238, 500	139, 900	5, 007, 000	984, 000	3, 308, 000	715, 000
1947-----	415	74	22	319	490, 000	20, 400	347, 000	122, 000	2, 190, 000	184, 000	1, 550, 000	450, 000
1948-----	561	82	42	437	582, 000	337, 000	51, 900	192, 000	9, 560, 000	8, 230, 000	438, 000	900, 000
1949-----	421	50	27	344	1,130,000	345,000	3, 000	780, 000	16,700,000	12,400,000	39, 800	4,220,000
1950-----	430	54	34	342	165, 000	27, 500	6, 230	131, 000	9, 320, 000	8, 810, 000	52, 100	456, 000
1951-----	549	73	58	418	213, 000	28, 400	13, 400	171, 000	887, 000	81, 200	80, 700	725, 000
1952-----	560	97	26	437	472, 000	26, 500	7, 600	438, 000	2, 760, 000	98, 500	39, 600	2,620,000
1953-----	392	46	18	328	130, 000	11, 300	3, 220	115, 000	418, 000	44, 000	36, 500	338, 000
1954-----	208	22	26	160	81, 900	3, 090	2, 770	76, 100	344, 000	14, 000	86, 100	244, 000

<sup>1</sup> Formerly designated "strikes and lockouts."

<sup>2</sup> Wages and hours were important issues also in some of these disputes.

<sup>3</sup> Workers counted more than once if involved in more than 1 stoppage during the year. Thus in 1949, 365,000 to 400,000 coal miners were idle on 3 distinct occasions, accounting for 1,150,000 of a total of 3,039,000 workers.

<sup>4</sup> Beginning 1945, those strikes in which information on the major issues was not available are included in the totals and the miscellaneous group.

Source: Department of Labor, Bureau of Labor Statistics; annual bulletins on work stoppages, and official records.

## No. 917.—COKE—SUMMARY: 1910 TO 1953

[See also *Historical Statistics*, series G 43-56]

ITEM	1910	1920	1930	1940	1945	1950	1952	1953
Production, total.....1,000 short tons.....	41,709	51,345	47,972	57,072	67,308	72,718	68,254	78,837
Oven coke.....do.....	7,139	30,834	45,196	54,014	62,094	66,891	63,850	73,594
Percent of total.....	17.1	60.1	94.2	94.6	92.3	92.0	93.5	93.4
Beehive coke.....1,000 short tons.....	34,570	20,511	2,776	3,058	5,214	5,827	4,404	5,243
Value of products at plant, total.....\$1,000,000.....	108	581	378	442	699	1,279	1,306	1,539
Beehive coke.....do.....	75	163	10	14	38	77	61	76
Oven coke.....do.....	25	313	200	260	470	900	925	1,080
All coal-chemical materials.....do.....	8	105	168	168	191	302	319	383
Average value per ton at plant.....dollars.....	2.39	9.27	4.36	4.80	7.56	13.43	14.45	14.67
Coal charged.....1,000,000 short tons.....	63.1	76.2	69.8	81.4	95.7	104.0	97.8	113.1
Value, average per ton.....dollars.....	2.39	4.44	3.36	3.58	5.13	8.41	9.02	9.03
Yield of coke from coal.....percent.....	66.1	67.4	68.7	70.1	70.4	69.9	69.8	69.7
Ovens in existence end of year.....number.....	104,440	86,179	36,738	27,884	26,689	32,690	33,159	31,081
Coke (slot type).....do.....	4,078	10,881	12,831	12,734	14,510	14,982	15,608	15,989
Beehive.....do.....	100,362	75,298	23,907	15,150	12,179	17,708	17,551	15,092
Coke ovens under construction end of year <sup>1</sup> do.....	1,200	396	276	492	335	706	1,075	779
Exports.....1,000 short tons.....	985	920	1,004	804	1,479	398	792	520
Imports.....do.....	173	41	133	113	52	438	313	157

<sup>1</sup> Slot-type.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 918.—COKE—OVEN AND BEEHIVE PRODUCTION, BY STATES: 1915 TO 1953

[In thousands of short tons. Excludes screenings or breeze]

STATE	1915	1920	1925	1930	1935	1940	1945	1950	1952	1953
<b>OVEN</b>										
<b>Total.....</b>	<b>14,073</b>	<b>30,834</b>	<b>39,912</b>	<b>45,196</b>	<b>34,224</b>	<b>54,014</b>	<b>62,094</b>	<b>66,891</b>	<b>63,850</b>	<b>73,594</b>
Alabama.....	2,070	3,124	4,582	3,987	1,994	4,727	5,401	5,833	5,712	6,278
Colorado.....		517	490	379	207	544	639	805	816	967
Illinois.....	1,687	2,137	3,012	3,576	1,669	3,015	3,682	3,591	3,391	3,513
Indiana.....	2,768	4,554	5,142	4,984	3,768	6,413	7,814	8,256	7,611	8,887
Maryland.....	313	682	1,019	1,169	930	1,683	2,025	2,367	2,491	3,269
Massachusetts.....	504	488	535	863	1,006	1,130	1,150	855	1,055	850
Michigan.....	( <sup>1</sup> )	1,393	1,751	2,604	2,482	2,872	2,806	2,731	2,863	3,220
Minnesota.....	128	675	518	641	430	524	826	834	868	862
New Jersey.....	269	726	904	919	917	1,016	1,284	1,481	1,472	1,176
New York.....	684	1,040	2,220	3,850	4,099	5,080	5,790	5,412	4,343	4,590
Ohio.....	666	5,615	7,105	6,163	5,101	7,898	9,406	10,314	9,639	11,718
Pennsylvania.....	3,092	7,730	9,853	12,529	8,078	14,862	15,255	16,333	15,101	18,747
West Virginia.....	141	447	1,056	1,479	1,604	1,900	2,462	3,389	3,798	4,203
All other States.....	1,749	1,706	1,725	2,051	1,939	2,350	3,556	4,690	4,690	5,314
<b>BEEHIVE</b>										
<b>Total.....</b>	<b>27,508</b>	<b>20,511</b>	<b>11,355</b>	<b>2,776</b>	<b>917</b>	<b>3,058</b>	<b>5,214</b>	<b>5,827</b>	<b>4,404</b>	<b>5,243</b>
Pennsylvania.....	22,531	15,908	9,574	2,011	564	2,550	4,584	5,193	3,751	4,636
Ohio.....	19	87	156							
West Virginia.....	1,250	1,381	490	422	155	233	288	302	284	273
Alabama.....	1,001	890	88							
Kentucky.....	285	273	( <sup>1</sup> )			( <sup>1</sup> )	74	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Tennessee.....	234	163	128	25	3	5				
Virginia.....	630	1,028	422	220	138	198	191	198	202	188
Colorado.....	671	273	155	79	49	62	73		1	
Utah.....	( <sup>1</sup> )	( <sup>1</sup> )	146	7	6	7	4	85	85	84
All other States.....	887	509	196	12	2	1		49	81	62

<sup>1</sup> Included in "All other States."Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.



## No. 919.—NATURAL GAS—PRODUCTION, CONSUMPTION, AND VALUE: 1930 TO 1953

[See also *Historical Statistics*, series G 59-61 for production and value figures]

ITEM	1930	1935	1940	1945	1950	1952	1953
Total marketed production							
1,000,000 cu. ft. . . . .	1,943,421	1,916,595	2,660,222	3,918,686	6,282,060	18,013,457	18,396,916
Value (at wells) of gas produced—\$1,000—	147,048	110,402	120,493	191,006	408,521	623,649	774,966
Average per 1,000 cu. ft. . . . . cents—	7.6	5.8	4.5	4.9	6.5	7.8	9.2
Number of producing gas wells, Dec. 31—	55,020	53,790	53,880	60,660	64,900	65,450	68,223
Total consumption—1,000,000 cu. ft. . . . .	1,941,644	1,909,901	2,654,659	3,900,479	6,026,404	7,613,478	7,979,338
Domestic—	295,700	313,498	443,646	607,400	1,198,369	1,621,966	1,685,503
Commercial—	80,707	100,187	134,644	230,099	387,838	515,669	530,650
Industrial—	1,565,237	1,496,216	2,076,369	3,062,980	4,440,197	5,475,843	5,763,185
Value (at point of consumption) of gas consumed, total—\$1,000—	415,519	428,074	577,004	834,195	1,604,041	2,527,319	2,828,996
Domestic—	200,615	233,940	315,515	415,122	826,393	1,347,171	1,457,963
Commercial—	38,558	49,386	64,399	97,572	184,430	294,187	323,475
Industrial—	176,346	144,748	197,090	321,501	593,218	885,961	1,047,558
Average per 1,000 cu. ft. . . . . cents—	21.4	22.4	21.7	21.4	26.6	33.2	35.5
Domestic—	67.8	74.6	71.1	68.3	69.0	83.1	86.5
Commercial—	47.8	49.3	47.8	42.4	47.6	57.0	61.0
Industrial—	11.3	9.7	9.5	10.5	13.4	16.2	18.2
Number of consumers:							
Domestic—1,000—	5,035	7,391	9,245	10,959	16,906	22,569	24,186
Commercial—	413	613	741	889	1,347	1,855	2,042
Industrial <sup>2</sup> —	21	36	41	46	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Comprises gas stored and lost in transmission and that sold or consumed by producer.<sup>2</sup> Excludes oil- and gas-field operators.<sup>3</sup> Not available.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 920.—NATURAL GASOLINE—PRODUCTION AND VALUE: 1930 TO 1953

[Barrels of 42 gallons. See also *Historical Statistics*, series G 62-64]

ITEM	1930	1935	1940	1945	1950	1952	1953
Total produced—1,000 barrels—	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	112,004	181,961	223,515	238,579
Natural gasoline and natural-gasoline mixtures—1,000 barrels—	52,631	39,333	51,755	59,494	76,873	87,280	91,879
Liquefied petroleum gases—do—	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	33,648	72,282	102,033	111,735
Other products—do—			3,945	18,862	32,806	34,202	34,965
Value at plants:							
Natural gasoline—\$1,000—	128,160	70,940	<sup>2</sup> 68,261	112,018	213,810	259,088	277,187
Liquefied petroleum gases—do—	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	41,994	97,773	161,692	191,598
Other products—do—			( <sup>2</sup> )	33,552	108,022	112,380	129,055
Average value per gallon, all light products—cents—	<sup>3</sup> 5.8	<sup>3</sup> 4.3	<sup>3</sup> 2.9	4.0	5.5	5.7	6.0
Natural gas treated—1,000,000 cu. ft.—	2,088,778	1,822,000	2,471,400	3,653,870	5,341,804	6,418,597	6,837,282
Average yield, all light products gal. per 1,000 cu. ft.—	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.29	1.43	1.46	1.47

<sup>1</sup> Not available.<sup>2</sup> Other products included with natural gasoline.<sup>3</sup> Does not cover liquefied petroleum gases.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

# No. 921.—NATURAL GAS AND NATURAL GASOLINE—PRODUCTION, BY STATES: 1930 TO 1953

[Gas in millions of cubic feet; gasoline in thousands of barrels of 42 gallons. Production figures for gas (except as noted) refer only to that used by the ultimate consumer, in addition to which considerable quantities are used by producers, and large quantities are wasted or lost]

STATE	NATURAL GAS—MARKETED PRODUCTION					Natural gas reserves, 1953 <sup>1</sup>	NATURAL GASOLINE PRODUCED <sup>2</sup>		
	1930	1940	1945	1950	1953		1951	1952	1953
<b>Total</b> .....	1,943,421	2,660,222	3,918,686	36,282,060	38,396,916	211,447,132	204,754	223,515	238,579
Arkansas.....	18,585	14,379	46,600	48,047	41,510	1,211,266	2,348	2,640	2,705
California.....	334,789	351,950	502,442	558,398	531,346	9,159,347	29,533	30,114	31,141
Illinois.....	2,890	8,359	16,663	13,285	9,282	231,251	<sup>4</sup> 2,971	<sup>4</sup> 2,826	<sup>4</sup> 4,049
Kansas.....	37,630	90,003	145,959	364,024	420,607	15,787,602	4,266	4,586	<sup>5</sup> 5,152
Kentucky.....	28,023	53,056	81,714	73,316	71,405	1,301,533	2,166	4,449	5,039
Louisiana.....	278,341	343,191	542,789	831,771	1,293,644	34,458,912	22,482	23,083	22,686
Michigan.....	2,075	12,648	21,874	11,250	7,774	275,519	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Mississippi.....	179	6,365	4,587	114,153	154,254	2,569,181	1,202	1,270	1,189
Montana.....	10,060	26,231	31,829	39,186	27,889	764,000	277	( <sup>6</sup> )	( <sup>7</sup> )
New Mexico.....	9,497	63,990	105,023	212,909	399,086	17,522,210	5,588	6,627	6,973
New York.....	9,624	12,187	9,210	3,336	2,347	71,004	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Ohio.....	63,394	40,639	49,967	43,163	37,542	755,982	107	38	-----
Oklahoma.....	348,116	257,626	357,530	482,360	599,955	12,228,373	17,542	18,613	20,183
Pennsylvania.....	88,706	90,725	82,188	91,137	105,558	751,844	<sup>8</sup> 210	<sup>8</sup> 190	<sup>8</sup> 158
Texas.....	517,880	1,063,538	1,711,401	3,126,402	4,383,158	106,529,626	108,531	120,154	131,625
West Virginia.....	144,180	188,751	160,225	189,980	186,477	1,653,942	4,951	5,788	4,701
Wyoming.....	43,219	27,346	35,282	62,062	76,262	2,739,631	1,960	2,154	<sup>7</sup> 2,978
Other States.....	6,233	9,238	13,403	17,281	48,820	<sup>9</sup> 3,435,909	620	<sup>6</sup> 983	-----

<sup>1</sup> Estimated recoverable proved reserves. Offshore reserves included for California, Louisiana, and Texas. Excludes gas loss due to natural-gas liquids recovery. Source: American Gas Association.

<sup>2</sup> Includes liquefied petroleum gases and other allied products.

<sup>3</sup> Comprises gas stored and lost in transmission, and that sold or consumed by producer.

<sup>4</sup> Michigan included with Illinois.

<sup>5</sup> Nebraska included with Kansas.

<sup>6</sup> Montana included with "Other States."

<sup>7</sup> Colorado, Montana, and Utah included with Wyoming.

<sup>8</sup> New York included with Pennsylvania.

<sup>9</sup> Includes 1,864,275,000 cubic feet for Colorado.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 922.—PETROLEUM PIPE LINES—SUMMARY: 1925 TO 1953

[In thousands of dollars except miles of line operated]

YEAR	Miles of line operated	Investment in pipe lines	Other investments	Pipe-line operating revenues	Pipe-line operating expenses	Pipe-line operating income	Net income
1925.....	70,009	511,088	93,896	164,645	80,232	70,966	88,495
1930.....	88,727	772,711	96,184	237,910	99,363	121,816	123,741
1935.....	92,037	763,009	119,071	197,368	89,364	79,586	78,249
1933.....	95,775	807,657	70,666	228,211	98,756	95,128	92,724
1939.....	98,681	829,646	65,124	212,466	97,130	83,401	80,823
1940.....	100,156	841,977	64,095	225,760	101,919	82,558	79,857
1941.....	105,435	885,317	45,687	251,685	110,448	81,604	79,468
1942.....	106,485	918,848	44,525	245,061	123,507	58,332	56,845
1943.....	108,783	965,464	39,891	276,652	148,448	62,620	61,302
1944.....	111,615	1,000,741	62,767	310,194	172,368	67,840	65,715
1945.....	113,351	1,042,523	86,713	304,268	191,668	67,127	65,941
1946.....	116,544	1,106,454	69,991	293,723	183,869	56,485	56,094
1947.....	119,298	1,225,168	56,455	325,224	214,682	54,415	53,145
1948.....	124,092	1,381,402	52,168	377,034	252,971	58,806	56,679
1949.....	124,984	1,497,579	78,285	376,452	249,368	63,282	57,743
1950.....	128,589	1,655,973	100,798	441,627	254,701	89,047	81,303
1951.....	131,457	1,821,880	70,011	523,973	290,144	91,265	82,006
1952.....	132,715	2,064,405	107,412	562,268	310,311	111,053	96,650
1953.....	133,900	2,311,885	95,970	591,186	324,935	128,943	109,046

Source: Interstate Commerce Commission; annual report, *Statistics of Oil Pipe Line Companies*.



# No. 923.—CRUDE PETROLEUM, REFINED PRODUCTS, AND NATURAL GASOLINE— PRODUCTION AND STOCKS: 1910 TO 1954

[Barrels of 42 gallons. See also *Historical Statistics*, series G 57-58]

ITEM	1910	1920	1930 <sup>1</sup>	1940	1945	1950	1953	1954 (prel.)
Crude petroleum:								
Domestic production...1,000 bbl.	209,557	442,929	898,011	1,353,214	1,713,655	1,973,574	2,357,082	2,316,323
Value at wells.....\$1,000	127,900	1,360,745	1,070,200	1,385,440	2,094,250	4,963,380	6,316,980	6,416,210
World production...1,000 bbl.	327,763	688,884	1,411,904	2,144,050	2,594,798	3,802,995	4,771,662	(1)
U. S. proportion of world total								
percent.....	64	64	64	63	66	52	49	(1)
Imports <sup>2</sup> .....1,000 bbl.	571	106,175	62,129	42,662	74,337	177,714	236,455	239,479
Exports <sup>2</sup> .....do.....	4,288	9,295	23,705	51,496	32,998	34,823	19,331	13,564
Stocks, end of period:								
Gasoline-bearing crude...do.....	131,030	149,448	408,809	264,709	218,763	248,463	274,445	258,385
California heavy crude...do.....	(1)	(3)	(3)	11,906	4,496			
Runs to stills.....do.....	(1)	433,915	927,447	1,294,162	1,719,534	2,094,867	2,554,865	2,539,564
Average price per barrel at wells.	\$0.61	\$3.07	\$1.19	\$1.02	\$1.22	\$2.51	\$2.68	\$2.77
Refined products:								
Imports <sup>2</sup> .....1,000 bbl.	(1)	2,647	43,489	41,089	39,282	132,547	141,044	144,430
Exports <sup>2</sup> .....do.....	(1)	70,281	132,794	78,970	149,985	76,483	126,660	116,457
Stocks, end of period <sup>4</sup> .....do.....	(1)	360,397	325,311	280,958	235,998	326,892	440,634	442,510
Output of motor fuel.....do.....	(1)	118,022	440,728	616,695	798,194	1,024,462	1,266,376	1,269,152
Yield of gasoline.....percent.....	(1)	26.1	42.0	43.1	40.9	43.0	43.9	43.8
Completed refineries, end of year.	(1)	415	435	556	393	357	337	326
Daily crude-oil capacity of refineries.....1,000 bbl.	(1)	1,889	3,943	4,719	5,316	6,964	8,007	8,421
Average dealer's net price (excl. tax) of gasoline in 50 U. S. cities <sup>5</sup> .....cents per gal.	(1)	28.05	14.49	9.08	10.33	15.10	15.95	16.05
Natural gas liquids:								
Production.....1,000 bbl.	(1)	9,161	52,631	55,700	112,004	181,961	238,579	248,136
Stocks, end of period.....do.....	(1)	(1)	2,377	5,704	4,322	7,355	10,428	14,038

<sup>1</sup> Not available.<sup>2</sup> Import and export figures from Bureau of Census, except for imports of crude petroleum for 1940 and later years which are as reported to Bureau of Mines. Exports include shipments to Territories and possessions.<sup>3</sup> Figure for California heavy crude included in refined products.<sup>4</sup> Beginning 1952, new basis; not comparable with earlier years.<sup>5</sup> Excludes jet fuel.<sup>6</sup> American Petroleum Institute figures; prior to 1940, average tank-wagon prices.Source: Department of the Interior, Bureau of Mines (except as noted); *Minerals Yearbook*.

# No. 924.—PETROLEUM—RUNS TO STILLS AND REFINERY PRODUCTS, BY CLASS: 1930 TO 1954

[In thousands of barrels of 42 gallons]

PRODUCT	1930	1935	1940	1945	1950	1952	1953	1954
<b>Input, total.....</b>	<b>970,617</b>	<b>996,815</b>	<b>1,333,709</b>	<b>1,789,858</b>	<b>2,189,506</b>	<b>2,545,157</b>	<b>2,666,158</b>	<b>2,657,113</b>
Crude petroleum, total.....	927,447	965,790	1,294,162	1,719,534	2,094,867	2,441,259	2,554,865	2,539,564
Domestic.....	866,615	933,659	1,252,364	1,645,862	1,918,854	2,235,198	2,321,820	2,300,766
Foreign.....	60,832	32,131	41,798	73,672	176,013	206,061	233,045	238,798
Natural gasoline.....	43,170	31,025	39,547	70,324	94,639	103,898	111,293	117,549
<b>Output, total.....</b>	<b>970,617</b>	<b>996,815</b>	<b>1,333,709</b>	<b>1,789,858</b>	<b>2,189,506</b>	<b>2,545,157</b>	<b>2,666,158</b>	<b>2,657,113</b>
Gasoline.....	432,241	457,842	597,375	774,460	998,093	1,155,916	1,233,954	1,232,989
Kerosene.....	49,208	55,813	73,882	81,024	118,512	132,300	123,200	122,305
Distillate fuel oil.....	81,551	100,235	183,304	249,224	398,912	520,378	528,111	542,278
Residual fuel oil.....	290,947	259,826	316,221	469,492	425,217	453,897	449,979	416,757
Lubricants.....	34,201	27,853	36,765	41,867	51,735	55,600	52,545	53,243
Wax (1 bbl.=280 lb.).....	1,956	1,608	1,833	2,921	4,462	4,331	4,978	5,290
Coke (5 bbl.=1 s. ton).....	9,895	7,290	7,633	10,115	17,224	18,123	21,607	24,284
Asphalt (5.5 bbl.=1 s. ton).....	18,194	17,133	29,406	39,196	58,240	70,312	72,409	74,912
Still gas (1 bbl.=3,600 cu. ft.).....	5,377	51,184	75,950	103,458	83,743	95,275	102,243	102,552
Road oil.....	5,425	6,030	7,771	2,686	6,928	6,998	6,594	7,213
Other finished products.....	2,377	1,888	3,202	19,080	33,800	38,226	42,397	45,182
Crude gasoline (net).....		1,032	902	14,892	243	489	(2)	(2)
Other unfinished oils (net).....	2,242	12,412	18,848	5,727	16,891	14,136	14,222	17,974
Shortage.....	37,003	11,493	3,313	6,954	3,712	3,552	3,184	3,468
Jet fuel.....							35,747	46,550

<sup>1</sup> Negative quantity; represents net excess of unfinished oils rerun over unfinished oils produced.<sup>2</sup> Included in gasoline.<sup>3</sup> Negative quantity.<sup>4</sup> Jet fuel separated from its components (gasoline, kerosene, and distillate fuel) and shown for the first time.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 925.—PETROLEUM, CRUDE—PRODUCTION, 1931 TO 1954, AND RESERVES, 1952 TO 1954, BY STATES

[In thousands of barrels of 42 gallons]

STATE	PRODUCTION							PROVED RESERVES <sup>1</sup> (December 31)		
	1931- 1935, avg.	1936- 1940, avg.	1941- 1945, avg.	1946- 1950, avg.	1952	1953	1954 (prel.)	1952	1953	1954
U. S. <sup>2</sup> .....	889,311	1,242,276	1,537,209	1,885,325	2,289,836	2,357,082	2,316,323	27,961,000	28,945,000	29,561,000
Arkansas.....	12,144	17,485	27,717	30,220	29,440	29,681	29,206	352,000	358,000	351,000
California.....	184,221	230,256	280,210	329,694	359,450	365,085	355,779	3,854,000	3,919,000	3,889,000
Colorado.....	1,260	1,539	2,958	18,462	30,381	36,402	41,052	306,000	319,000	329,000
Illinois.....	4,551	55,722	94,710	66,619	60,089	59,026	66,998	619,000	625,000	658,000
Indiana.....	800	1,870	5,885	8,038	12,037	12,823	11,204	56,000	62,000	67,000
Kansas.....	43,033	63,197	96,447	104,542	114,807	114,566	119,317	917,000	913,000	979,000
Kentucky.....	5,494	5,549	7,425	9,592	11,918	11,518	13,791	56,000	82,000	85,000
Louisiana.....	30,396	92,771	123,196	177,009	243,929	256,632	246,093	2,558,000	2,760,000	2,962,000
Michigan.....	9,004	18,103	18,928	16,501	13,251	12,285	12,027	57,000	61,000	60,000
Mississippi.....	(3)	4,507	19,673	36,237	36,310	35,620	33,591	359,000	350,000	412,000
Montana.....	3,153	5,861	8,117	8,835	9,606	11,920	13,687	156,000	209,000	272,000
New Mexico.....	15,829	35,720	37,383	44,144	58,681	70,441	75,200	733,000	815,000	806,000
New York.....	3,618	5,057	5,002	4,563	4,242	3,800	3,257	53,000	49,000	46,000
Ohio.....	4,504	3,404	3,228	3,296	3,350	3,610	3,829	27,000	32,000	37,000
Oklahoma.....	176,293	185,293	136,492	149,305	190,435	202,570	186,349	1,558,000	1,752,000	1,955,000
Pennsylvania.....	13,443	17,684	15,384	12,317	11,233	10,649	9,107	122,000	111,000	102,000
Texas.....	364,341	478,063	616,884	811,726	1,022,139	1,019,164	981,722	14,916,000	14,999,000	14,982,000
West Virginia.....	4,032	3,680	3,261	2,777	2,602	3,038	2,902	37,000	37,000	37,000
Wyoming.....	13,158	19,987	33,304	49,660	68,074	82,618	93,633	1,065,000	1,279,000	1,304,000

<sup>1</sup> Includes off-shore reserves of California, Louisiana, and Texas.

<sup>2</sup> Includes quantities for States not shown separately. <sup>3</sup> Not shown separately.

No. 926.—OIL WELLS, NUMBER AND PRODUCTION, 1952 AND 1953, AND NUMBER OF OIL AND GAS WELLS DRILLED, 1953 AND 1954, BY STATES

STATE	PRODUCING OIL WELLS				WELLS DRILLED <sup>1</sup>					
	Approximate number, Dec. 31		Average pro- duction per well per day (barrels)		Oil		Gas		Dry	
	1952	1953 <sup>2</sup>	1952	1953 <sup>2</sup>	1953	1954	1953	1954	1953	1954
Total.....	488,520	498,940	13.0	13.1	25,762	29,773	3,806	3,977	18,449	19,168
Arkansas.....	3,930	4,190	20.8	20.0	273	366	1	10	298	289
California.....	30,900	31,920	32.5	31.8	1,869	1,668	48	47	649	620
Colorado.....	1,000	1,220	90.2	79.8	258	486	63	72	413	800
Illinois.....	27,460	29,520	6.0	5.7	1,070	1,709	4	4	1,091	1,421
Indiana.....	3,840	4,020	8.8	9.1	452	310	22	12	803	565
Kansas.....	33,620	35,420	9.5	9.1	2,209	2,428	380	381	2,126	1,864
Kentucky.....	16,950	16,600	1.9	1.9	398	487	194	214	571	485
Louisiana.....	13,290	14,220	51.7	50.9	1,599	2,373	222	288	993	950
Michigan.....	3,980	4,000	9.3	8.4	244	219	19	10	357	334
Mississippi.....	1,870	1,950	54.7	50.8	134	164	12	8	251	269
Montana.....	3,510	3,410	7.6	9.2	221	156	22	17	208	170
Nebraska.....	300	350	26.0	52.7	125	207	12	20	183	245
New Mexico.....	6,790	7,320	24.4	27.3	575	548	600	392	243	186
New York.....	22,950	22,730	0.5	0.5	355	217	-----	2	1	3
Ohio.....	17,600	15,070	0.5	0.6	469	495	176	251	348	346
Oklahoma.....	60,320	63,400	8.8	9.0	4,596	5,417	339	383	2,525	2,658
Pennsylvania.....	80,600	79,430	0.4	0.4	629	342	254	483	79	224
Texas.....	139,530	143,990	20.4	19.8	9,380	11,068	978	912	6,593	6,863
West Virginia.....	13,900	13,460	0.5	0.6	70	67	420	427	128	120
Wyoming.....	5,800	5,530	32.6	41.1	622	818	25	29	270	374
Other States.....	380	590	49.3	56.4	214	228	15	15	319	382

<sup>1</sup> Figures from *Oil and Gas Journal*. <sup>2</sup> Preliminary.

Source of tables 925 and 926: Department of the Interior, Bureau of Mines; *Minerals Yearbook*, except as noted.



## No. 927.—ASPHALT—SUPPLY, DISTRIBUTION, AND VALUE: 1946 TO 1953

ITEM	1946	1947	1948	1949	1950	1951	1952	1953
<b>SUPPLY (1,000 short tons)</b>								
<b>Total</b> .....	9,832	10,947	11,551	11,360	13,064	14,983	16,192	16,232
<b>Native asphalt and related bitumens:</b>								
Produced.....	846	1,072	1,136	1,202	1,251	1,436	1,638	1,460
Imported (chiefly lake asphalt).....	4	6	5	4	6	6	4	3
Stocks, Jan. 1.....						80	72	(?)
<b>Petroleum asphalt (excluding road oil):</b>								
Produced at refineries from domestic and foreign petroleum.....	8,166	8,961	9,440	8,910	10,589	12,056	12,784	13,165
Imported <sup>1</sup> .....	123	206	284	215	324	443	499	455
Stocks, Jan. 1.....	693	702	686	1,029	894	962	1,204	1,149
<b>DISTRIBUTION (1,000 short tons)</b>								
<b>Total</b> .....	9,832	10,947	11,551	11,360	13,064	14,983	16,192	16,232
<b>Native asphalt and related bitumens:</b>								
Indicated domestic demand.....	819	1,048	1,127	1,189	1,233	1,419	1,612	1,460
Exports (unmanufactured).....	27	24	14	17	18	25	19	21
Stocks, Jan. 1.....						72	79	(?)
<b>Petroleum asphalt (excluding road oil):</b>								
Indicated domestic demand (incl. lake asphalt).....	7,888	8,633	9,111	9,023	10,707	12,080	12,914	13,118
Exports.....	396	556	270	234	144	183	418	303
Stocks, Dec. 31.....	702	686	1,029	894	962	1,204	1,149	1,330
<b>VALUE (\$1,000)</b>								
<b>Native asphalt and related bitumens:</b>								
Sales.....	4,232	5,503	5,026	5,569	5,297	6,054	6,468	6,500
Imports (chiefly lake asphalt).....	92	243	167	83	136	112	98	71
Exports (unmanufactured).....	974	1,065	559	823	911	1,273	919	1,098
<b>Petroleum asphalt (excluding road oil):</b>								
Sales <sup>1</sup> .....	93,991	127,869	178,788	162,433	177,564	216,105	227,366	(?)
Imports <sup>2</sup> .....	771	1,692	2,419	2,615	3,481	5,294	5,819	5,272
Exports.....	9,708	14,208	8,985	7,402	4,520	6,391	13,314	10,402

<sup>1</sup> Represents sales.

<sup>2</sup> Not available.

<sup>3</sup> Includes cut-backs and road oil.

<sup>4</sup> Excludes export sales.

 Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 928.—GYPSUM—SUPPLY, SALES, IMPORTS, AND EXPORTS: 1946 TO 1953

 [Quantities in thousands of short tons; values in thousands of dollars. See also *Historical Statistics*, series G 67-68, for gypsum mined and total gypsum products sold]

ITEM	1946	1947	1948	1949	1950	1951	1952	1953
Active establishments <sup>1</sup> .....	80	93	95	83	87	85	89	94
<b>Crude gypsum:<sup>2</sup></b>								
Mined.....	5,629	6,293	7,255	6,608	8,193	8,666	8,415	8,293
Imported.....	1,457	2,157	2,859	2,593	3,219	3,437	3,088	3,184
Apparent supply.....	7,087	8,365	10,114	9,291	11,412	12,102	11,503	11,477
<b>Calcined gypsum produced:<sup>3</sup></b>								
Short tons.....	4,170	5,011	6,243	5,767	7,341	7,455	6,874	7,166
Value.....	29,273	38,726	48,145	45,455	60,480	65,761	59,696	66,669
Gypsum products sold, total value <sup>3</sup> .....	97,195	128,415	176,834	158,746	206,177	235,835	224,924	245,053
<b>Uncalcined uses:</b>								
Short tons.....	1,641	1,950	2,226	1,990	2,218	2,530	2,706	2,656
Value.....	5,106	7,012	7,927	7,127	7,912	9,413	9,617	9,844
<b>Industrial uses:</b>								
Short tons.....	207	207	219	212	266	289	252	254
Value.....	3,161	3,430	3,731	3,562	4,530	5,468	5,000	5,261
Building uses, value.....	88,928	117,973	165,176	148,057	193,735	220,954	210,307	229,948
<b>Gypsum and gypsum products:</b>								
Imported for consumption, value.....	1,833	2,522	3,115	2,851	3,584	3,814	3,695	4,792
Exported, value.....	1,065	1,600	1,317	1,936	1,046	1,584	1,216	1,994

<sup>1</sup> Each mine, plant, or combination mine and plant is counted as one establishment.

<sup>2</sup> Excludes byproduct gypsum.

<sup>3</sup> Made from domestic, imported, and byproduct crude gypsum.

 Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 929.—CEMENT—SUMMARY: 1910 TO 1953

[Barrels of 376 pounds. Figures include Puerto Rico beginning 1940. See also *Historical Statistics*, series G 65-66]

ITEM	1910	1920	1930	1940	1945	1950	1952	1953
Production of finished cement,								
total.....1,000 bbl.	77,785	100,790	162,989	132,751	104,289	230,272	252,658	267,669
Portland.....do.	76,550	100,023	161,197	130,216	102,805	226,026	249,256	264,181
Masonry, natural, and puzzolan (slag-lime).....1,000 bbl.	1,235	1,767	1,792	2,535	1,484	4,246	3,402	3,488
Active plants:								
Portland.....number	111	117	163	152	145	150	156	156
Masonry, natural, and puzzolan (slag-lime).....number	23	9	11	12	9	9	8	8
Shipments, total.....1,000 bbl.	(2)	97,079	160,846	132,864	107,833	231,975	254,816	264,338
Portland.....do.	(2)	96,312	159,059	130,350	106,354	227,757	251,369	260,879
Value.....\$1,000.	(2)	194,439	228,780	190,078	173,337	535,321	638,512	697,263
Per barrel.....dollars	(2)	2.02	1.44	1.46	1.63	2.35	2.54	2.67
Masonry, natural, and puzzolan (slag-lime).....1,000 bbl.	(2)	767	1,787	2,514	1,479	4,219	3,447	3,459
Value.....\$1,000.	(2)	1,151	2,470	3,387	2,094	10,630	9,752	10,341
Per barrel.....dollars	(2)	1.50	1.38	1.35	1.42	2.52	2.83	2.99
Stocks at mills, Dec. 31 (finished portland cement).....1,000 bbl.	(2)	8,833	25,899	23,365	16,625	13,119	15,932	19,234
Imports.....do.	307	525	985	538	(3)	1,410	476	386
Exports.....do.	2,476	2,986	756	1,668	6,475	2,418	3,174	2,536
World production (estimate).....do.	(2)	(2)	416,880	474,927	290,233	779,819	943,991	1,043,667

<sup>1</sup> Shipments.   <sup>2</sup> Not available.   <sup>3</sup> Less than 500 bbls.

## No. 930.—PORTLAND CEMENT—PRODUCTION, BY STATES: 1910 TO 1953

[In thousands of barrels of 376 pounds]

STATE	1910	1920	1930	1940	1945	1950	1951	1952	1953
<b>Total.....</b>	<b>76,550</b>	<b>100,023</b>	<b>161,197</b>	<b>130,217</b>	<b>102,805</b>	<b>226,026</b>	<b>246,022</b>	<b>249,256</b>	<b>264,181</b>
Alabama.....	<sup>3</sup> 1,481	1,132	4,821	5,122	5,542	10,372	10,773	10,609	10,683
California.....	<sup>4</sup> 6,386	7,098	10,124	14,216	15,952	26,277	29,918	29,585	32,145
Illinois.....	4,459	5,539	7,935	4,975	4,367	7,924	8,484	8,514	8,869
Iowa.....	<sup>5</sup> 2,010	4,849	7,088	4,606	3,194	7,416	8,365	9,028	9,341
Kansas.....	5,656	4,341	6,012	3,433	3,001	8,616	8,515	8,673	8,766
Michigan.....	3,688	4,891	11,511	8,603	5,839	12,967	14,394	14,791	15,533
Missouri.....	4,456	6,018	7,809	4,968	3,185	9,778	10,230	10,008	10,281
New York.....	3,296	5,885	10,373	8,437	<sup>6</sup> 5,617	<sup>6</sup> 14,196	<sup>6</sup> 15,351	<sup>6</sup> 15,996	<sup>6</sup> 17,023
Ohio.....	1,528	1,780	8,632	6,664	4,604	10,607	11,874	11,270	12,539
Pennsylvania.....	26,676	28,269	37,844	26,853	15,564	38,646	41,981	39,438	42,799
Tennessee.....	(7)	(7)	3,875	3,808	2,882	6,685	7,222	7,440	7,475
Texas.....	<sup>8</sup> 2,287	2,562	6,782	7,375	8,037	17,150	18,132	19,998	19,254
Other States.....	14,627	27,659	38,393	<sup>1</sup> 31,156	<sup>12</sup> 25,022	<sup>1</sup> 55,392	<sup>1</sup> 60,783	<sup>1</sup> 63,906	<sup>1</sup> 69,473

<sup>1</sup> Includes production of Puerto Rico.   <sup>2</sup> Includes production of Hawaii.   <sup>3</sup> Includes Georgia and Tennessee.<sup>4</sup> Includes Washington.   <sup>5</sup> Includes Kentucky and West Virginia.   <sup>6</sup> Includes Maine.<sup>7</sup> Included in figures for Alabama for 1910; "Other States," 1920.   <sup>8</sup> Includes Oklahoma.

## No. 931.—OPEN-MARKET LIME—PRODUCTION, BY TYPE AND USE: 1930 TO 1953

[Includes only small quantities of captive tonnage. See also *Historical Statistics*, series G 69-70]

ITEM	1930	1935	1940	1945	1950	1952	1953
Active plants.....number	375	301	314	189	168	160	156
Quantity sold by producers.....1,000 short tons	3,388	2,987	4,887	5,921	7,478	8,073	9,674
Value.....\$1,000	25,616	21,749	33,956	45,918	83,248	95,231	112,158
Per ton.....dollars	7.56	7.28	6.95	7.76	11.13	11.80	11.59
By type:							
Quicklime.....1,000 short tons	2,058	1,981	3,501	4,566	5,593	6,190	7,632
Hydrated.....do.	1,330	1,006	1,386	1,355	1,885	1,883	2,042
By use:							
Agricultural.....do.	343	283	365	374	333	392	329
Building.....do.	1,205	657	1,010	550	1,249	1,191	1,166
Chemical and industrial.....do.	1,488	1,592	2,644	3,810	4,137	4,561	5,884
Refractory (dead-burned dolomite).....do.	352	455	868	1,187	1,759	1,928	2,295

Source of tables 929-931: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.



**No. 932.—SAND AND GRAVEL—QUANTITY SOLD OR USED BY PRODUCERS AND VALUE:**  
1930 TO 1953

[Includes Alaska and Hawaii for 1935; Alaska, Hawaii, and Puerto Rico, beginning 1940. See also *Historical Statistics*, series G 71-72]

ITEM	1930	1935	1940	1945	1950	1952	1953
<b>Sand and gravel, total</b> .....1,000 short tons	197,052	123,924	238,308	195,524	370,455	435,511	440,089
Building.....do	46,605	32,182	68,036	61,563	132,873	142,670	152,439
Paving.....do	84,176	68,414	143,158	93,664	204,242	254,355	246,312
Other.....do	66,271	23,328	27,114	40,297	33,340	38,486	41,338
Value.....\$1,000	115,177	61,977	110,688	128,837	295,040	353,384	374,518
Average per ton.....dollars	.58	.50	.46	.66	.80	.81	.85
<b>Commercial sand</b> .....1,000 short tons	81,754	37,776	63,930	65,077	124,982	139,506	145,424
Value.....\$1,000	48,894	25,097	40,526	52,431	120,350	141,342	153,071
Average per ton.....dollars	.60	.66	.63	.81	.96	1.01	1.05
<b>Noncommercial (government-and-contractor) sand</b> .....1,000 short tons	1,905	2,658	14,744	6,649	13,918	16,587	15,002
Value.....\$1,000	828	770	4,806	2,426	5,961	7,370	7,123
Average per ton.....dollars	.43	.29	.33	.36	.43	.44	.47
<b>Commercial gravel</b> .....1,000 short tons	95,126	46,831	67,326	87,061	132,574	162,222	163,163
Value.....\$1,000	58,475	26,147	37,745	57,992	120,974	153,797	158,812
Average per ton.....dollars	.61	.56	.56	.67	.91	.95	.97
<b>Noncommercial (government-and-contractor) gravel</b> .....1,000 short tons	18,267	36,659	92,308	36,737	98,981	117,196	116,500
Value.....\$1,000	6,980	9,964	27,612	15,989	47,755	50,875	55,512
Average per ton.....dollars	.38	.27	.30	.44	.48	.43	.48

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

**No. 933.—STONE—SALES, BY KIND AND BY USE: 1930 TO 1953**

[Includes Alaska, Hawaii, and Puerto Rico. See also *Historical Statistics*, series G 75-76 for total]

VARIETY AND USE	QUANTITY SOLD (1,000 short tons) <sup>1</sup>							VALUE (\$1,000)		
	1930	1935	1940	1945	1950	1952	1953	1950	1952	1953
<b>Total</b> .....	126,996	83,159	153,733	153,405	252,113	301,746	306,454	390,582	466,466	483,528
<b>By kind:</b>										
Granite.....	10,048	6,014	10,880	7,740	22,553	22,289	23,492	52,221	52,481	55,790
Basalt and related rocks.....	14,532	9,672	15,716	14,911	22,895	29,761	30,098	34,373	46,438	46,480
Sandstone.....	4,594	3,010	6,499	4,387	9,101	8,650	8,655	23,787	25,004	28,271
Marble.....	477	132	240	171	267	238	454	10,932	10,888	12,191
Limestone.....	88,741	57,493	112,658	112,574	180,919	217,255	224,714	252,756	308,924	317,483
All other.....	8,604	6,838	7,740	13,622	16,378	23,553	19,041	16,513	22,731	23,313
<b>By use:</b>										
Building stone.....	2,322	831	836	382	1,229	1,199	1,149	36,665	35,355	35,400
Monumental.....	291	180	196	251	244	231	257	17,825	17,117	19,655
Paving blocks.....	294	78	19	1	4	2	2	51	38	40
Curbing.....	262	69	72	13	78	86	83	2,430	2,576	2,500
Flagging.....	82	24	68	21	57	58	62	878	1,108	1,270
Rubble.....	1,066	279	916	390	247	320	404	615	827	1,127
Riprap.....	4,292	4,919	5,264	4,801	6,898	8,779	7,734	7,807	11,156	10,052
Crushed stone.....	87,111	54,755	100,268	85,373	165,722	208,647	209,500	209,814	266,676	271,530
Furnace flux (limestone).....	17,091	12,192	22,872	27,640	35,970	34,909	40,881	37,932	41,119	53,041
Refractory stone.....	1,197	866	1,741	2,527	2,158	1,951	1,937	5,849	7,262	8,079
Agricultural (limestone).....	2,542	2,140	8,724	17,396	19,349	21,152	18,453	30,393	34,464	30,134
Other uses.....	10,446	6,826	12,757	14,610	20,157	24,412	25,992	40,323	48,768	50,700

<sup>1</sup> Quantities of stones not sold by short ton are expressed in approximate equivalents in short tons; expressed in their selling units, quantities for 1953 are as follows: Building stone (cut stone, slabs, and mill blocks), 12,436,531 cubic feet; monumental stone, 3,115,936 cubic feet; paving blocks, 347,982 (number); curbing, 1,016,140 cubic feet; and flagging, 776,493 cubic feet.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

### No. 934.—SALT—PRODUCTION, BY STATES AND BY KIND, EXPORTS, AND IMPORTS: 1880 TO 1953

[In short tons. Production figures represent sales plus that used by producers; they include Puerto Rico. Imports are imports for consumption. See also *Historical Statistics*, series G 81-82, for production]

YEAR	Production	Exports	Imports	YEAR	Production	Exports	Imports
1880.....	834, 548	1, 642	509, 703	1930.....	8, 054, 440	70, 478	54, 021
1890.....	1, 242, 779	2, 464	257, 323	1935.....	7, 926, 897	112, 213	51, 245
1900.....	2, 921, 708	7, 511	199, 909	1940.....	10, 359, 960	147, 044	30, 402
1905.....	3, 635, 257	34, 238	161, 159	1945.....	15, 394, 141	190, 524	4, 553
1910.....	4, 242, 792	49, 013	137, 103	1950.....	16, 629, 809	190, 377	7, 869
1915.....	5, 352, 409	80, 474	122, 326	1951.....	20, 207, 131	439, 114	4, 329
1920.....	6, 840, 029	139, 272	137, 654	1952.....	19, 544, 952	349, 971	7, 056
1925.....	7, 397, 500	155, 079	85, 788	1953.....	20, 789, 003	249, 521	137, 308

STATE OR KIND	1925	1930	1935	1940	1945	1950	1952	1953
<b>Production, total.....</b>	<b>7, 397, 500</b>	<b>8, 054, 440</b>	<b>7, 926, 897</b>	<b>10, 359, 960</b>	<b>15, 394, 141</b>	<b>16, 629, 809</b>	<b>19, 544, 952</b>	<b>20, 789, 003</b>
Michigan.....	2, 172, 600	2, 558, 290	2, 128, 171	2, 863, 035	4, 285, 493	4, 446, 667	4, 778, 347	5, 127, 387
New York.....	2, 053, 970	2, 009, 280	1, 927, 822	2, 117, 671	2, 862, 224	2, 806, 927	3, 417, 443	3, 322, 659
Ohio.....	1, 173, 590	1, 311, 440	1, 487, 315	2, 080, 133	2, 764, 926	2, 515, 205	2, 827, 455	3, 040, 237
Kansas.....	812, 540	759, 800	608, 204	684, 053	855, 806	846, 374	911, 744	905, 227
Louisiana.....	500, 350	535, 250	702, 990	1, 132, 594	1, 867, 689	2, 278, 811	2, 553, 448	3, 061, 234
California.....	292, 480	350, 370	356, 222	469, 354	694, 609	868, 496	1, 148, 693	1, 123, 365
Texas.....	(1)	(1)	268, 809	402, 165	1, 100, 791	1, 852, 138	2, 640, 209	2, 845, 190
Utah.....	88, 150	85, 240	57, 625	71, 472	122, 997	116, 694	136, 125	154, 088
West Virginia.....	25, 870	28, 670	65, 968	144, 312	370, 260	367, 942	392, 519	419, 907
Other States.....	277, 950	416, 100	323, 771	395, 171	469, 346	530, 555	738, 969	789, 709
<b>By kind:</b>								
Manufactured (evaporated).....	2, 235, 170	2, 358, 610	2, 330, 042	2, 782, 741	3, 182, 570	3, 329, 288	3, 641, 623	3, 722, 567
In brine.....	2, 819, 690	3, 718, 460	3, 837, 613	5, 311, 671	8, 705, 831	9, 373, 254	11, 335, 798	12, 608, 043
Rock salt.....	2, 342, 640	1, 977, 370	1, 759, 242	2, 265, 548	3, 505, 740	3, 927, 267	4, 567, 531	4, 458, 393
Total value <sup>2</sup> .....dollars..	26, 162, 361	25, 009, 480	21, 837, 911	26, 474, 619	43, 914, 406	59, 911, 343	70, 992, 925	78, 276, 667

<sup>1</sup> Included in "Other States."

<sup>2</sup> F. o. b. mine or refinery; values exclude cost of coooperation or containers.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

### No. 935.—SULFUR AND PYRITES—PRODUCTION, EXPORTS, AND IMPORTS: 1930 TO 1953

[See also *Historical Statistics*, series G 83-86]

ITEM	1930	1935	1940	1945	1950	1952	1953
<b>SULFUR</b>							
Production of crude sulfur.....1,000 long tons..	2, 559	1, 633	2, 732	3, 753	5, 192	5, 293	5, 155
Value.....\$1,000..	46, 036	29, 256	43, 659	60, 013	98, 080	113, 852	139, 185
Price per long ton f. o. b. mines.....dollars..	18	18	16	16	18-22	21-24	21-27.50
Shipments of crude sulfur.....1,000 long tons..	1, 990	1, 635	2, 559	3, 833	5, 505	5, 141	5, 224
For domestic consumption.....do.....	1, 397	1, 233	1, 812	2, 915	4, 064	3, 837	3, 953
For export.....do.....	593	402	746	919	1, 441	1, 304	1, 271
Imports (ore and other).....do.....	(1)	2	28	(1)	(1)	5	1
Exports of treated sulfur.....do.....	12	11	20	24	38	34	29
<b>PYRITES</b>							
Production.....1,000 long tons..	348	514	627	723	931	994	993
Sulfur content.....percent..	35.7	39.5	41.8	41.0	42.2	42.1	41.1
Value.....\$1,000..	1, 029	1, 583	1, 920	2, 700	4, 059	4, 947	5, 007
Imports.....1,000 long tons..	355	397	407	187	209	296	190

<sup>1</sup> Less than 500 long tons.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.



## No. 936.—IRON ORE—SUMMARY: 1910 TO 1953

[In thousands of long tons. Nearly all exports are to Canada. Data exclude ore containing 5 percent or more of manganese. See also *Historical Statistics*, series G 93-95]

ITEM	1910	1920	1930	1940	1945	1950	1952	1953
<b>Production, total</b> .....	57,015	67,604	58,409	73,696	88,376	98,045	97,918	117,995
By districts:								
Lake Superior.....	46,420	57,945	49,383	61,471	74,821	79,627	77,095	95,656
Southeastern.....	6,895	6,768	5,838	<sup>1</sup> 7,444	6,330	7,507	7,624	7,692
Northeastern.....	2,605	2,096	2,249	3,560	3,620	4,475	4,426	5,162
Western.....	1,095	795	939	<sup>1</sup> 1,221	3,088	5,861	8,030	8,868
Undistributed (byproduct ore).....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	517	575	<sup>3</sup> 743	617
By types of ore:								
Hematite.....	51,367	63,883	55,266	68,870	81,295	<sup>4</sup> 87,156	83,516	102,554
Brown ore.....	2,994	1,326	720	935	943	2,615	2,730	2,238
Magnetite.....	2,632	2,391	2,421	3,891	5,621	<sup>4</sup> 7,699	<sup>3</sup> 11,069	12,586
Carbonate.....	22	4	1	1	1			
Byproduct material (pyrites cinder and sinter).....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	517	575	604	617
Number of mines.....	191	403	208	230	199	247	321	325
Shipments.....	( <sup>2</sup> )	69,281	55,201	75,198	88,137	97,764	97,973	117,822
Value.....\$1,000..	( <sup>2</sup> )	285,006	145,619	189,087	243,761	487,990	596,307	796,733
Average value per ton at mine.....	( <sup>2</sup> )	\$4.11	\$2.64	\$2.51	\$2.77	\$4.99	\$6.09	\$6.76
Stocks at mines, Dec. 31.....	9,422	11,379	10,383	3,614	4,432	5,726	5,528	5,706
Imports.....	2,591	1,273	2,775	2,479	1,198	8,232	9,761	11,074
Value.....\$1,000..	7,832	4,964	8,113	6,205	4,114	43,968	82,855	96,812
Exports.....	749	1,145	752	1,386	2,063	2,550	5,121	4,251
Value.....\$1,000..	2,474	6,199	2,734	4,625	6,688	15,717	37,404	32,410
World production (estimate).....	130,900	114,500	175,600	208,700	159,400	246,100	293,300	325,800

<sup>1</sup> Texas included with Southeastern district.

<sup>2</sup> Not available.

<sup>3</sup> Includes 138,613 tons iron ore (magnetite) from Puerto Rico.

<sup>4</sup> Small quantity of hematite included with magnetite.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook* and records.

## No. 937.—MANGANESE (INCLUDING FERROMANGANESE AND SPIEGELEISEN)—SUMMARY: 1910 TO 1953

[Gross weight in short tons]

ITEM	1910	1920	1930	1940	1945	1950	1952	1953
<b>Manganese ore (35 percent or more Mn):</b>								
<b>Mine shipments</b> .....	2,529	105,750	75,079	44,936	182,337	134,451	115,379	157,536
Metallurgical ore.....	( <sup>1</sup> )	( <sup>1</sup> )	59,725	30,416	174,295	122,944	100,999	139,960
Battery ore.....	( <sup>1</sup> )	( <sup>1</sup> )	13,168	10,383	8,042	11,507	14,380	17,576
Miscellaneous.....	( <sup>1</sup> )	( <sup>1</sup> )	2,186	4,137				
General imports.....	271,430	671,736	655,836	1,449,634	1,461,945	1,834,925	2,668,780	3,500,986
Consumption.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,485,859	1,650,429	1,809,189	2,195,742
World production (estimate).....	2,173,000	1,801,000	3,848,000	6,238,000	4,674,000	6,173,000	8,598,000	10,251,000
<b>Ferromanganese:</b>								
Domestic production.....	<sup>2</sup> 253,362	309,785	307,810	514,682	619,760	719,680	758,721	907,533
Imports for consumption.....	127,935	66,364	<sup>3</sup> 49,321	11,613	35,521	109,948	64,095	126,518
Exports.....		<sup>4</sup> 3,868	<sup>4</sup> 6,932	<sup>4</sup> 14,600	836	580	1,453	1,112
Consumption.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	641,622	774,852	796,826	931,401
<b>Spiegeleisen:</b>								
Domestic production.....	( <sup>2</sup> )	116,113	97,506	114,119	139,039	42,375	58,666	97,729
Imports for consumption.....	28,429	5,862	<sup>3</sup> 15,015	17,455	3,146	8,595	44	785
Exports.....		( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2,393	363	34	
Consumption.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	148,087	76,280	69,029	73,512

<sup>1</sup> Not available.

<sup>2</sup> Production of spiegeleisen included with that of ferromanganese.

<sup>3</sup> Manganese content; gross weight not reported.

<sup>4</sup> Exports of spiegeleisen included with those of ferromanganese.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 938.—CHROMITE—SUMMARY: 1930 TO 1953

[Quantities in short tons; values in thousands of dollars. See also *Historical Statistics*, series G 106-107 for figures on shipments]

ITEM	1930	1935	1940	1945	1950	1951	1952	1953
Total supply.....	365,901	290,727	739,594	939,860	1,304,117	1,436,076	1,730,273	2,285,427
Domestic production (shipments).....	90	577	2,982	13,973	404	7,056	21,304	58,817
Value.....	2	6	29	532	(1)	511	<sup>2</sup> 1,777	3,433
Imports for consumption.....	365,811	290,150	736,612	925,887	1,303,713	1,429,020	1,708,969	2,226,610
Value.....	3,513	3,604	8,755	17,530	23,299	25,494	38,595	56,041
Consumption by industry.....	(1)	(1)	562,915	808,120	980,369	1,212,480	1,185,460	1,335,755
Exports.....	(1)	(1)	(1)	12,366	2,044	2,030	2,531	4,658

<sup>1</sup> Figure not available or Bureau of Mines not at liberty to publish.    <sup>2</sup> Partially estimated.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 939.—NICKEL—SUMMARY: 1930 TO 1953

[In short tons]

ITEM	1930	1935	1940	1945	1950	1951	1952	1953
Production:								
Primary.....	308	160	554	1,155	913	756	633	602
Secondary.....	2,900	1,950	4,152	6,483	8,795	8,602	7,479	8,352
Imports (gross weight) <sup>1</sup> .....	30,143	37,848	92,468	122,528	96,640	101,620	118,372	131,174
Exports (gross weight) <sup>2</sup> .....	1,420	2,193	11,994	3,876	3,645	4,622	6,941	15,168
Price per pound <sup>3</sup> ..... cents..	35	35	35	31½	40—50½	50½—56½	56½	56½—60
World production (estimate).....	59,700	85,300	154,000	160,000	162,000	184,000	205,000	224,000

<sup>1</sup> Excludes "All other manufactures of nickel"; weight not recorded; also excludes nickel bars, etc., scrap, and residues.

<sup>2</sup> Excludes "Manufactures"; weight not recorded.

<sup>3</sup> Price quoted by International Nickel Co., Inc., for electrolytic nickel.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 940.—TUNGSTEN—SUMMARY: 1930 TO 1953

[See also *Historical Statistics*, series G 108-109]

ITEM	1930	1935	1940	1945	1950	1952	1953
Production:							
Concentrates, 60 percent WO <sub>3</sub> .....short tons..	(1)	(1)	5,120	5,662	4,166	7,600	9,729
Tungsten content.....1,000 lb..	(1)	(1)	4,873	5,389	3,965	7,233	9,259
Shipments from mines:							
Concentrates, 60 percent WO <sub>3</sub> .....short tons..	702	2,395	5,319	5,534	4,820	7,611	9,591
Tungsten content.....1,000 lb..	668	2,279	5,062	5,267	4,588	7,244	9,128
Reported value f. o. b. mines.....\$1,000..	509	1,921	6,576	7,693	8,171	28,970	35,944
Average per pound of tungsten.....dollars..	.76	.84	1.30	1.46	1.78	4.00	3.94
Imports (tungsten content):							
General.....1,000 lb..	(1)	(1)	9,666	8,639	8,342	16,985	28,994
For consumption.....do..	3,998	892	5,611	4,774	16,147	17,416	27,924
Consumption (tungsten content).....do..	4,642	2,372	9,955	14,146	6,597	8,634	7,734
Industry stocks, end of year (tungsten content).....1,000 lb..	(1)	(1)	2,897	4,341	5,338	3,025	4,698
World production.....short tons <sup>2</sup> ..	18,356	24,756	48,052	25,135	43,321	74,957	80,469

<sup>1</sup> Not available.

<sup>2</sup> Concentrates containing 60 percent WO<sub>3</sub>.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.



## No. 941.—MOLYBDENUM CONCENTRATES—SUMMARY: 1920 TO 1953

[In thousands of pounds of contained molybdenum]

ITEM	1920	1930	1940	1945	1950	1952	1953
Production.....	(1)	3,723	34,313	30,802	28,480	43,259	57,243
Shipments from mines.....	35	3,759	25,329	33,683	44,544	42,717	53,823
Price per pound <sup>2</sup> ..... dollars.....	1.23	<sup>3</sup> 0.73	0.75	0.75	0.91	1.00	1.00
Exports <sup>4</sup> .....	(1)	(1)	6,585	2,863	6,235	6,172	7,037
Imports for consumption <sup>5</sup> .....	(6)	145	---	204	3	50	---
Consumption.....	(1)	(1)	(1)	32,696	26,029	32,715	31,193
Stocks (industry), Dec. 31 <sup>7</sup> .....	(1)	(1)	(1)	16,883	4,326	6,856	11,326
World production (estimate).....	(1)	(1)	37,919	35,715	31,967	48,942	62,170

<sup>1</sup> Not available.<sup>2</sup> Per pound of molybdenum contained. Source: *Engineering and Mining Journal*.<sup>3</sup> 1930 price, July to December only.<sup>4</sup> Includes roasted concentrates.<sup>5</sup> Excludes imports for conversion and reexports as follows: 460,000 pounds in 1945, none in 1950-53.<sup>6</sup> Content not recorded for the 16,000 pounds of molybdenum ore imported.<sup>7</sup> At mines and at plants making molybdenum products.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.No. 942.—GOLD AND SILVER—PRODUCTION, BY STATES AND OTHER AREAS:  
1930 TO 1953[Based upon arrivals at U. S. mints and assay offices and private refineries. Includes production of Alaska, Puerto Rico, and through 1945, Philippine Islands. See also *Historical Statistics*, series G 118-121, for mine production excluding Puerto Rico and Philippine Islands]

STATE OR OTHER AREA	GOLD (1,000 fine ounces)						SILVER (1,000 fine ounces)					
	1930	1940	1945	1950	1952	1953	1930	1940	1945	1950	1952	1953
<b>Total.....</b>	<b>2,286</b>	<b>6,003</b>	<b>929</b>	<b>2,289</b>	<b>1,927</b>	<b>1,970</b>	<b>50,748</b>	<b>69,586</b>	<b>29,063</b>	<b>12,309</b>	<b>39,840</b>	<b>37,736</b>
Alaska.....	407	757	60	276	250	265	392	173	9	50	35	37
Arizona.....	149	299	78	111	113	112	4,910	6,130	3,411	5,089	4,615	4,370
California.....	450	1,444	143	410	263	240	1,434	2,225	950	1,000	1,176	1,050
Colorado.....	218	369	102	124	125	122	4,852	9,378	2,407	3,343	3,000	2,400
Idaho.....	21	145	19	69	34	26	9,710	17,477	8,228	15,993	14,500	14,500
Illinois.....	---	---	---	---	---	---	---	---	---	7	4	2
Michigan.....	---	---	---	---	---	---	11	90	20	(1)	---	---
Missouri.....	---	---	---	---	---	---	---	---	21	233	400	200
Montana.....	47	273	42	57	30	25	8,597	12,152	5,494	7,178	6,500	6,600
Nevada.....	140	380	91	170	126	110	4,179	5,102	1,156	1,634	1,000	730
New Mexico.....	32	39	13	7	3	3	1,160	1,576	654	365	500	210
New York.....	---	---	---	---	---	---	---	---	---	33	59	37
Oregon.....	14	114	1	10	6	8	10	192	12	12	4	11
Pennsylvania.....	---	---	---	2	2	1	---	---	---	11	9	8
South Dakota.....	406	587	41	572	472	532	105	171	41	143	130	137
Tennessee.....	---	---	---	(1)	(1)	(1)	---	---	---	26	58	63
Texas.....	(1)	(1)	---	(1)	(1)	(1)	469	1,295	21	4	5	1
Utah.....	209	352	271	392	450	463	14,451	11,686	6,244	6,799	7,500	7,000
Vermont.....	---	---	---	(1)	(1)	(1)	---	---	---	23	46	44
Virginia.....	---	---	---	---	---	---	---	---	---	(1)	---	---
Washington.....	4	84	53	89	54	63	30	389	288	358	300	336
Wyoming.....	---	---	---	(1)	(1)	(1)	---	---	---	3	---	(1)
Philippine Is- lands.....	185	1,140	13	(2)	(2)	(2)	121	1,299	17	(2)	(2)	(2)
Other.....	3	20	2	---	---	---	317	251	90	---	---	---

<sup>1</sup> Less than 500 ounces.<sup>2</sup> Excluded after 1945.Source: Treasury Department, Bureau of the Mint; *Annual Report of the Director*.

## No. 943.—GOLD AND SILVER—SUMMARY: 1910 TO 1953

[See also *Historical Statistics*, series G 118-121]

ITEM	1910	1920	1930	1940	1945	1950	1952	1953
Mine production:								
Gold-----1,000 fine ounces..	4, 585	2, 383	2, 139	4, 870	955	2, 394	1, 893	1, 958
Silver-----do-----	57, 599	56, 537	47, 725	70, 436	29, 024	42, 459	39, 452	37, 571
Value of production:								
Gold-----\$1,000-----	94, 778	49, 261	44, 211	170, 448	33, 410	83, 798	66, 264	68, 540
Silver-----do-----	31, 102	61, 625	18, 374	50, 088	20, 639	38, 425	35, 704	34, 004
Ore (dry and siliceous) produced: <sup>1</sup>								
Gold ore-----1,000 short tons..	9, 646	8, 590	7, 767	16, 550	1, 364	3, 584	2, 339	2, 199
Gold-silver ore-----do-----				948	277	433	237	82
Silver ore-----do-----				1, 201	343	627	502	555
Net industrial consumption:								
Gold-----\$1,000-----	34, 161	50, 181	15, 178	13, 306	108, 944	97, 846	96, 351	75, 000
Silver-----1,000 fine ounces..	23, 187	19, 280	26, 874	44, 499	126, 300	110, 000	96, 500	106, 000
Imports:								
Gold-----\$1,000-----	66, 549	417, 068	396, 054	4, 749, 467	93, 718	162, 749	740, 254	47, 025
Silver-----do-----	48, 401	88, 060	42, 761	58, 434	27, 278	110, 035	67, 296	95, 104
Exports:								
Gold-----do-----	47, 425	322, 091	115, 967	4, 995	199, 968	534, 036	55, 921	44, 808
Silver-----do-----	71, 962	113, 616	54, 157	3, 674	90, 937	6, 202	4, 921	8, 427
Price, average per fine ounce: <sup>2</sup>								
Gold-----dollars-----	20. 67	20. 67	20. 67	35. 00	35. 00	35. 00	35. 00	35. 00
Silver-----do-----	1. 542	1. 019	. 385	. 711	. 711	. 905+	. 905+	. 905+
World production:								
Gold-----1,000 fine ounces..	(3)	(3)	20, 800	42, 300	26, 100	32, 500	34, 200	33, 500
Silver-----do-----	(3)	173, 300	248, 700	275, 400	162, 000	203, 000	216, 800	216, 400

<sup>1</sup> Gold and silver are also produced from base-metal ores and placers. In 1953, dry and siliceous ores accounted for 40 percent of gold produced and 29 percent of silver.

<sup>2</sup> Treasury buying price, except for silver prices for 1910-30 which represent New York price.

<sup>3</sup> Not available.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 944.—GOLD AND SILVER FOR USE IN MANUFACTURES AND THE ARTS:  
1880 TO 1953

YEARLY AVERAGE OR YEAR	GOLD (\$1,000) <sup>1</sup>			SILVER (1,000 fine ounces)		
	Total amount of material issued	Amount of old material returned from use	Net material issued	Total amount of material issued	Amount of old material returned from use	Net material issued
1880-----	10, 105	1, 294	8, 811	2, 794	204	2, 500
1881-1885-----	12, 568	1, 863	10, 706	4, 155	315	3, 840
1886-1890-----	16, 041	4, 029	12, 012	5, 662	676	4, 986
1891-1895-----	16, 508	5, 060	11, 448	7, 997	951	7, 046
1896-1900-----	16, 965	4, 067	12, 899	10, 214	1, 200	9, 014
1901-1905-----	28, 496	6, 778	21, 718	19, 526	3, 002	16, 524
1906-1910-----	38, 149	7, 708	30, 441	24, 553	3, 669	20, 884
1911-1915-----	40, 588	9, 967	30, 621	30, 444	6, 928	23, 516
1916-1920-----	61, 864	22, 033	39, 831	31, 214	9, 126	22, 089
1921-1925-----	59, 596	29, 275	30, 321	36, 805	8, 189	28, 616
1926-1930-----	55, 197	30, 450	24, 747	38, 461	10, 325	28, 137
1931-1935-----	21, 288	41, 389	<sup>2</sup> 20, 101	33, 631	20, 353	13, 278
1936-1940-----	36, 543	32, 393	4, 150	52, 481	21, 249	31, 232
1941-1945-----	100, 699	25, 323	75, 376	149, 455	41, 794	107, 662
1946-1950-----	134, 302	43, 450	90, 852	129, 023	31, 265	97, 758
1945-----	139, 936	30, 992	108, 944	184, 661	58, 361	126, 300
1946-----	199, 687	46, 000	153, 687	123, 647	36, 647	87, 000
1947-----	98, 130	49, 230	48, 900	126, 366	27, 866	98, 500
1948-----	90, 129	45, 143	44, 986	129, 186	23, 897	105, 289
1949-----	148, 975	40, 133	108, 842	110, 660	22, 660	88, 000
1950-----	134, 588	36, 742	97, 846	155, 257	45, 257	110, 000
1951-----	105, 012	35, 535	69, 477	151, 651	46, 651	105, 000
1952-----	127, 189	30, 839	96, 350	121, 538	25, 038	96, 500
1953-----	112, 379	37, 379	75, 000	125, 389	19, 389	106, 000

<sup>1</sup> Value prior to 1934 calculated on basis of \$20.67+ per fine ounce; in 1934 and thereafter, \$35.00 per fine ounce.

<sup>2</sup> Amount of old material returned from use exceeds total amount of material issued.

Source: Treasury Department, Bureau of the Mint; *Annual Report of the Director*.



## No. 945.—COPPER—SUMMARY: 1910 TO 1953

[In short tons. Production figures cover United States and Alaska. See also *Historical Statistics*, series G 112-113]

ITEM	1910	1920	1930	1940	1945	1950	1952	1953
Primary production:								
Mine production.....	544, 119	612, 275	705, 074	878, 086	772, 894	909, 343	925, 359	926, 448
Smelter production from domestic ores.....	540, 080	604, 530	697, 195	909, 084	782, 726	911, 352	927, 365	943, 391
Value.....\$1,000.....	137, 180	222, 467	181, 271	205, 453	184, 723	379, 122	448, 845	541, 506
Refinery production, total.....	711, 019	763, 083	1, 078, 530	1, 313, 556	1, 108, 599	1, 239, 834	1, 177, 696	1, 293, 117
From domestic ores.....	535, 947	591, 212	695, 612	927, 239	775, 758	920, 748	923, 192	932, 232
From foreign ores, matte, and blister.....	175, 072	171, 871	382, 918	386, 317	332, 861	319, 086	254, 504	360, 885
Secondary production, total.....	94, 500	312, 460	467, 200	532, 046	1, 006, 516	977, 239	903, 197	958, 464
From new (purchased) scrap.....	30, 000	143, 500	125, 000	198, 156	509, 421	492, 028	488, 562	529, 076
From old scrap.....	64, 500	168, 960	342, 200	333, 890	497, 095	485, 211	414, 635	429, 388
Imports (unmanufactured) <sup>2</sup> .....	172, 218	242, 835	408, 577	491, 342	853, 196	690, 389	618, 880	677, 069
Refined..... <sup>(3)</sup>	54, 372	43, 105	68, 337	63, 337	531, 367	317, 363	346, 960	274, 777
Exports of metallic copper <sup>4</sup> .....	.....	51, 579	376, 557	427, 650	132, 555	192, 339	212, 390	171, 323
Refined (ingots, bars, rods, etc.) <sup>5</sup> .....	7 354, 158	275, 613	334, 626	377, 108	48, 563	144, 561	174, 135	109, 510
Withdrawn on domestic account: <sup>6</sup> .....								
New refined copper.....	366, 203	526, 919	632, 508	1, 008, 785	1, 415, 000	1, 447, 000	1, 360, 000	1, 435, 000
New and old copper <sup>7</sup> .....	460, 700	839, 500	1, 099, 500	1, 541, 000	1, 912, 000	1, 932, 000	1, 775, 000	1, 864, 000
Stocks, producers, refined copper, Dec. 31.....	61, 402	329, 500	307, 500	91, 500	130, 000	26, 000	26, 000	49, 000
World smelter production, new copper.....	946, 000	1, 057, 000	1, 760, 000	2, 734, 000	2, 436, 000	2, 915, 000	3, 115, 000	3, 275, 000

<sup>1</sup> Excludes bonus payments of Office of Metal Reserve.<sup>2</sup> Data are for "general imports," i. e., include copper imported for immediate consumption plus material entering country under bond. Comprises copper in ingots, plates, and bars, ores and concentrates, regulus, blister, and scrap.<sup>3</sup> Not separately recorded.<sup>4</sup> Total exports of copper, exclusive of ore, concentrate, composition metal, and unrefined copper. Exclusive also of "other manufactures of copper," for which quantity figures are not recorded. Beginning 1952, data not strictly comparable with earlier years, due to changes in classification.<sup>5</sup> Includes unrefined copper.<sup>6</sup> Beginning 1945, excludes rods.<sup>7</sup> Includes small exports of unrefined black blister and converter copper (bars, pigs, etc.).<sup>8</sup> Apparent consumption; consumers' inventories not taken into account.<sup>9</sup> Beginning 1945, new copper and old scrap only.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 946.—COPPER—MINE PRODUCTION, BY STATES: 1910 TO 1953

[In short tons of recoverable copper]

STATE	1910	1920	1930	1940	1945	1950	1952	1953
<b>Total.....</b>	<b>544, 119</b>	<b>612, 275</b>	<b>705, 074</b>	<b>878, 086</b>	<b>772, 894</b>	<b>909, 343</b>	<b>925, 359</b>	<b>926, 448</b>
Alaska.....	2, 121	35, 218	16, 326	55	5	6	.....	.....
Arizona.....	148, 746	279, 128	288, 095	281, 169	287, 203	403, 301	395, 719	393, 525
California.....	24, 350	6, 313	13, 643	6, 438	6, 473	646	800	382
Colorado.....	4, 180	2, 022	5, 257	12, 152	1, 485	3, 141	3, 606	2, 941
Idaho.....	3, 519	1, 269	1, 556	3, 349	1, 543	2, 107	3, 213	3, 136
Michigan.....	111, 342	77, 348	84, 691	45, 198	30, 401	25, 608	21, 699	24, 097
Missouri.....	.....	756	88	685	3, 399	2, 982	2, 576	2, 374
Montana.....	142, 404	88, 530	98, 094	126, 391	88, 506	54, 478	61, 948	77, 617
Nevada.....	32, 180	25, 280	54, 602	78, 454	52, 595	52, 569	57, 537	61, 850
New Mexico.....	2, 307	27, 200	32, 575	69, 848	56, 571	66, 300	76, 112	72, 477
Pennsylvania.....	.....	.....	.....	.....	3, 565	4, 142	3, 485	3, 027
Tennessee.....	8, 419	8, 364	(1)	<sup>2</sup> 12, 732	6, 959	6, 851	7, 620	7, 829
Utah.....	63, 799	58, 466	90, 263	231, 864	226, 376	278, 630	282, 894	269, 496
Vermont.....	.....	.....	.....	.....	1, 861	3, 504	3, 774	3, 947
Washington.....	43	992	603	9, 612	5, 821	5, 057	4, 357	3, 740
Other States.....	710	1, 390	19, 282	139	126	21	19	10

<sup>1</sup> Included under "Other States."<sup>2</sup> Includes North Carolina and Pennsylvania.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 947.—COPPER—EXPORTS AND IMPORTS: 1891 TO 1954

[Quantities in short tons; values in thousands of dollars. Exports are those classed as "domestic" in foreign trade statistics but include copper smelted or refined in United States from imported ore or unrefined metal. Values include all forms of copper; quantities represent all copper except the small item, "Other manufactures." Copper content of exports of ore for years 1891-1915 and of imports for years 1891-1903 was estimated]

YEARLY AVERAGE	EXPORTS <sup>1</sup>		IMPORTS <sup>2</sup>		YEAR	EXPORTS <sup>1</sup>		IMPORTS <sup>2</sup>	
	Quan- tity	Value	Quan- tity	Value		Quan- tity	Value	Quan- tity	Value
1891-1895 <sup>3</sup> -----	65,586	14,392	5,477	896	1943-----	296,016	108,719	736,464	156,514
1896-1900 <sup>3</sup> -----	137,684	36,745	24,634	5,866	1944-----	237,521	102,697	764,228	165,479
1901-1905 <sup>3</sup> -----	190,451	54,942	83,237	22,611	1945-----	132,592	55,212	896,239	194,672
1906-1910 <sup>3</sup> -----	289,445	92,334	130,111	38,026	1946-----	97,513	38,587	355,008	86,384
1911-1915 <sup>3</sup> -----	416,840	123,655	176,635	46,129	1947-----	197,114	102,489	452,822	175,829
1916-1920 <sup>4</sup> -----	376,877	208,909	244,948	103,805	1948-----	209,494	113,563	489,567	203,042
1921-1925-----	438,337	129,761	298,975	77,811	1949-----	171,303	75,769	568,835	224,232
1926-1930-----	491,290	149,999	407,630	108,244	1950-----	174,274	73,262	605,831	242,810
1931-1935-----	246,658	39,920	211,116	29,662	1951-----	152,476	86,077	539,303	279,498
1936-1940-----	378,054	87,680	242,530	47,608	1952-----	195,968	134,035	637,140	411,188
1941-1945-----	208,423	79,333	780,000	164,752	1953-----	156,152	95,510	670,484	433,017
1946-1950-----	169,940	80,734	494,413	186,459	1954-----	300,736	176,062	599,534	360,559

<sup>1</sup> Includes shipments under foreign aid programs such as UNRRA, Interim Aid, ECA, and MDAP (FOA); Civilian Supply shipments are included in 1948 and subsequent years.

<sup>2</sup> General imports prior to 1933; imports for consumption thereafter.

<sup>3</sup> Years ending June 30. <sup>4</sup> Average for period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the U. S.*, and records.

## No. 948.—LEAD—SUMMARY: 1910 TO 1953

[In short tons. See also *Historical Statistics*, series G 114-115]

ITEM	1910	1920	1930	1940	1945	1950	1952	1953
Smelter production of refined primary lead-----	470,272	529,657	643,033	533,179	443,585	508,314	472,852	467,891
From domestic ores and base bullion <sup>1</sup> -----	375,402	476,849	573,740	433,065	356,535	418,809	383,358	328,012
From foreign ores-----	18,065	8,414	34,348	83,563	86,932	86,241	89,092	139,711
From foreign base bullion-----	76,805	44,394	34,945	16,551	118	3,264	402	168
Recovery of secondary lead-----	55,422	124,650	255,800	260,346	363,039	482,275	471,294	486,737
Imports: <sup>2</sup>								
Lead in pigs, bars, and old-----	3,485	30,719	209	151,568	230,313	461,827	523,059	390,510
Lead in base bullion-----	57,742	48,052	38,630	19,624	8	3,488	389	869
Lead in ores and matte-----	47,376	14,744	39,377	111,300	70,005	76,520	104,621	160,929
Exports of refined pig lead <sup>3</sup> -----	( <sup>4</sup> )	<sup>5</sup> 20,093	<sup>6</sup> 48,307	<sup>6</sup> 23,755	1,408	2,735	1,762	803
Estimated consumption of primary and secondary lead-----	( <sup>4</sup> )	( <sup>4</sup> )	<sup>6</sup> 768,600	<sup>6</sup> 782,000	1,051,602	1,237,981	1,130,795	1,201,604
Prices (cents per pound):								
New York average-----	4.4	8.2	5.52	5.18	6.50	13.30	16.47	13.48
London average-----	2.8	6.15	3.92	( <sup>7</sup> )	4.99	13.29	16.82	11.48
Mine production of recoverable lead-----	382,692	496,814	558,313	457,392	390,831	430,827	390,162	341,804
World smelter production of lead--	1,210,000	1,022,000	1,843,000	( <sup>4</sup> )	1,234,000	1,808,000	1,940,000	1,973,000

<sup>1</sup> Excludes lead content of antimonial lead.

<sup>2</sup> Includes lead imported for immediate consumption plus material entering country for storage under bond.

<sup>3</sup> Pigs, bars and anodes. In addition, 17,363 tons of foreign refined lead were reexported in 1920, 25,324 tons in 1940, 377 tons in 1945, 53 tons in 1950, 2 tons in 1952, and 799 tons in 1953.

<sup>4</sup> Not available.

<sup>5</sup> Represents pigs, bars, and old.

<sup>6</sup> Source: American Bureau of Metal Statistics.

<sup>7</sup> Official maximum price fixed by British Ministry of Supply at £25 per long ton. London Metal Exchange dealings suspended for duration of war.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.



# No. 949.—LEAD, RECOVERABLE—MINE PRODUCTION, BY STATES AND FOR ALASKA: 1920 TO 1953

[In short tons]

STATE	1920	1925	1930	1935	1940	1945	1950	1952	1953
<b>Total</b> .....	496,814	684,439	558,313	331,103	457,392	390,831	430,827	390,162	341,804
<b>Western States and Alaska</b> .....	248,131	364,387	312,413	193,439	244,974	184,152	257,803	228,608	194,261
Alaska.....	875	789	1,365	670	779	11	149	1	8
Arizona.....	6,935	11,938	4,246	7,783	13,266	22,867	26,383	16,520	9,361
Colorado.....	23,315	31,483	22,130	5,673	11,476	17,044	27,007	30,066	21,754
Idaho.....	118,565	126,521	134,058	79,020	104,834	68,447	100,025	73,719	74,610
Montana.....	14,846	18,765	10,653	15,589	23,036	9,999	19,617	21,279	19,949
Nevada.....	10,100	12,238	11,529	12,676	7,499	6,275	9,408	6,790	4,371
New Mexico.....	1,435	3,210	10,378	7,289	3,822	7,662	4,150	7,021	2,943
Utah.....	66,898	153,335	115,495	63,510	75,688	40,817	44,753	50,210	41,522
Washington.....	2,749	2,814	576	103	2,555	3,802	10,334	11,744	11,064
Other.....	2,413	3,294	1,983	1,126	2,019	7,228	15,977	11,258	8,679
<b>Central States</b> .....	246,780	317,375	237,533	132,682	207,587	201,520	168,173	156,624	144,083
Kansas.....	16,452	22,775	12,910	10,892	11,927	7,370	9,487	5,916	3,347
Missouri.....	161,812	211,566	199,632	97,493	172,052	176,575	134,626	129,245	125,895
Oklahoma.....	64,086	79,946	23,052	23,405	21,240	12,664	20,724	15,137	9,304
Other.....	4,430	3,088	1,939	892	2,368	4,911	3,336	6,326	5,537
<b>Eastern States</b> .....	1,903	2,677	8,367	4,982	4,831	5,159	4,851	4,930	3,460
New York.....					1,973	862	1,484	1,120	1,435
Tennessee.....	1,880	448	8,367	4,982	573	54	113	18	9
Virginia.....		2,229			2,285	4,243	3,254	3,792	2,016

<sup>1</sup> Includes small quantities produced in Massachusetts, Pennsylvania, and Georgia.

## No. 950.—ZINC—PRODUCTION AND PRICES: 1910 TO 1953

[See also *Historical Statistics*, series G 116-117]

ITEM	1910	1920	1930	1940	1945	1950	1952	1953
<b>Smelter production of primary slab zinc, total</b> ..... short tons..	269,184	463,377	498,045	675,275	764,561	843,467	904,479	916,105
Value.....	\$1,000	29,072	75,067	47,812	85,085	131,504	240,051	300,830
Source:								
From domestic ores..... short tons..	252,479	450,045	489,361	589,988	467,084	588,291	575,828	495,436
From foreign ores..... do.....	16,705	13,332	8,684	85,287	297,477	255,176	328,651	420,669
Method:								
Electrolytic..... percent of total.....		11	26	28	35	41	39	40
Distilled..... do.....	100	89	74	72	65	59	61	60
Production of redistilled secondary slab zinc..... short tons..	12,784	21,371	34,849	48,917	49,242	66,970	55,111	52,875
Average price common zinc at—								
St. Louis..... cents per pound..	5.42	7.77	4.56	6.34	8.25	13.88	16.21	10.86
London <sup>3</sup> ..... do.....	5.00	7.40	3.60	(4)	5.18	14.89	18.53	9.47
<b>Mine production of recoverable zinc</b> ..... short tons..	327,712	587,524	595,425	665,068	614,358	623,375	666,001	547,430
Arizona.....	2,742	729	815	15,456	40,226	60,480	47,143	27,530
Colorado.....	38,545	24,395	36,259	5,060	35,773	45,776	53,203	37,809
Idaho.....	2,802	13,966	37,649	70,601	83,463	87,890	74,317	72,153
Kansas.....	13,229	61,073	74,304	57,032	48,394	27,176	25,482	15,515
Missouri.....	128,589	24,509	10,811	12,703	22,175	8,189	13,986	9,981
Montana.....	15,819	92,169	26,421	52,587	17,403	67,678	82,185	80,271
Nevada.....	1,354	5,349	14,584	11,833	21,457	21,606	15,357	5,812
New Jersey.....	68,678	78,511	97,626	91,406	81,392	55,029	59,190	45,700
New Mexico.....	9,044	5,007	32,765	30,313	40,295	29,263	50,975	13,373
New York.....		5,654	22,471	35,686	24,978	38,321	32,636	51,529
Oklahoma.....	6,394	219,727	136,153	162,935	69,300	46,739	54,916	33,413
Tennessee.....	<sup>5</sup> 1,760	19,217	<sup>6</sup> 48,147	<sup>5</sup> 51,723	<sup>5</sup> 49,899	<sup>5</sup> 47,722	<sup>5</sup> 51,429	<sup>5</sup> 55,141
Utah.....	8,184	4,079	44,495	43,788	33,630	31,728	32,947	29,184
Washington.....		213	352	11,560	11,693	14,807	20,102	32,786
Wisconsin.....	25,927	27,255	12,558	5,770	15,561	5,722	20,588	16,830
Other States <sup>6</sup> .....	4,645	5,641	15	6,615	18,719	35,299	31,545	20,403
<b>World smelter production</b> ..... 1,000 short tons..	893	796	1,536	1,786	1,404	2,171	2,425	2,557

<sup>1</sup> Excludes bonus payments of Office of Metals Reserve.

<sup>2</sup> Includes small quantity of secondary electrolytic zinc.

<sup>3</sup> Average price for foreign zinc, based on average rates of exchange recorded by Federal Reserve Board.

<sup>4</sup> Not available. <sup>5</sup> Includes Virginia. <sup>6</sup> Includes Alaska.

Source of tables 949 and 950: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 951.—TIN—SUMMARY: 1930 TO 1953

[In long tons]

ITEM	1930	1935	1940	1945	1950	1951	1952	1953
Production:								
Domestic mines.....	1 <sup>b</sup>	44.5	49	-----	94.1	88.0	98.7	56.0
Domestic smelters <sup>1</sup> .....	-----	-----	1,391	40,475	33,118	31,852	22,805	37,562
Secondary sources.....	23,393	24,900	29,700	31,400	31,680	30,745	28,800	27,600
Imports for consumption:								
Metal.....	80,734	64,258	124,810	8,493	82,838	28,255	80,543	74,538
Ore (tin content).....	289	178	3,000	33,479	25,960	29,621	26,491	35,973
Exports (domestic and foreign).....	2,233	<sup>2</sup> 2,292	<sup>2</sup> 2,664	882	799	1,513	380	203
Monthly price of Straits tin at New York <sup>3</sup> average cents per pound.....	31.70	50.39	49.82	<sup>4</sup> 52.00	95.557	128.308	120.44	95.77
Apparent consumption <sup>5</sup> .....	78,501	61,966	123,537	48,086	115,156	58,594	-----	-----
World mine production <sup>6</sup> .....	176,000	135,000	239,000	87,000	169,300	169,500	173,900	179,000

<sup>1</sup> Includes tin content of ores used direct to make alloys.<sup>2</sup> Foreign only, domestic not separately recorded.<sup>3</sup> Source: American Metal Market.<sup>4</sup> Ceiling price.<sup>5</sup> May vary greatly from actual consumption.<sup>6</sup> Excludes production of U. S. S. R.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 952.—BAUXITE—SUMMARY: 1910 TO 1953

[Quantities in thousands of long tons; values in thousands of dollars. See also *Historical Statistics*, series G 127-128 for figures on shipments]

ITEM	1910	1920	1930	1940	1945	1950	1951	1952	1953
Production:									
Crude ore.....	-----	-----	-----	510	1,145	1,585	2,193	1,980	1,864
Dried bauxite equivalent.....	-----	-----	-----	439	981	1,335	1,849	1,667	1,580
Value.....	-----	-----	-----	1,754	5,591	7,693	12,478	10,776	13,439
Shipments: <sup>1</sup>									
Gross weight.....	-----	-----	-----	-----	-----	1,452	1,622	2,118	1,949
Dried bauxite equivalent.....	-----	-----	-----	-----	-----	1,337	1,532	1,898	1,745
Value.....	-----	-----	-----	-----	-----	9,549	12,358	14,605	15,623
Imports:									
Quantity <sup>2</sup> .....	16	43	410	630	740	2,516	2,820	3,498	4,389
Value.....	66	251	1,996	4,299	5,273	15,730	17,794	23,194	29,588
Exports:									
Quantity <sup>2</sup> .....	( <sup>3</sup> )	22	105	82	126	45	90	41	28
Value.....	( <sup>3</sup> )	1,844	3,777	1,543	2,425	1,156	2,217	845	886
World production.....	350	887	1,603	4,321	3,376	8,041	10,611	12,539	13,779

<sup>1</sup> Shipments from mines and processing plants to consumers. Includes crude, dried, calcined, and activated bauxite.<sup>2</sup> As shipped.<sup>3</sup> Not available.Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.



## No. 953.—ALUMINUM—SUMMARY: 1915 TO 1953

[Quantities in short tons; values in thousands of dollars. See also *Historical Statistics*, series G 125-126 for earlier data on primary aluminum]

ITEM	1915	1920	1930	1940	1945	1950	1951	1952	1953
<b>PRODUCTION</b>									
Total U. S.:									
Production.....	53,752	84,521	153,119	286,642	793,447	962,288	1,129,489	1,241,852	1,620,579
Value.....	22,082	50,864	68,138	104,624	226,161	316,046	411,583	456,201	640,228
Primary aluminum:									
Production.....	45,252	69,021	114,519	206,250	495,060	718,622	836,881	937,330	1,252,013
Value.....	16,280	41,375	50,961	75,292	140,864	235,977	305,074	344,320	494,128
Price per pound (quoted) <sup>1</sup>	34.13	30.61	23.8	18.7	15.0	17.7	19.0	19.4	20.9
Secondary aluminum:									
Production.....	8,500	15,500	38,600	80,362	298,387	243,666	292,608	304,522	368,566
Value <sup>2</sup> .....	5,802	9,489	17,177	29,332	85,297	80,069	106,509	111,881	146,100
World production <sup>3</sup> .....	93,000	172,000	293,000	868,000	960,000	1,655,000	1,975,000	2,260,000	2,715,000
<b>APPARENT CONSUMPTION</b>									
Total U. S. consumption.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	272,823	724,061	972,742	1,050,451	1,143,598	1,620,994
Primary aluminum <sup>5</sup> .....	49,899	83,967	70,933	227,017	696,750	896,384	973,860	1,072,334	1,542,054
Secondary aluminum, recovered from old scrap.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	45,806	27,311	76,358	76,591	71,264	78,940
<b>IMPORTS AND EXPORTS <sup>6</sup></b>									
Imports:									
Quantity.....	4,647	19,650	12,731	18,084	339,285	255,692	161,816	150,738	359,481
Value.....	1,766	12,184	4,690	4,737	98,285	67,533	63,469	54,648	142,471
Exports:									
Quantity.....	( <sup>4</sup> )	4,704	8,665	27,841	6,703	23,236	14,817	<sup>7</sup> 10,614	15,355
Value.....	( <sup>4</sup> )	3,068	3,916	17,919	3,116	13,345	10,159	<sup>7</sup> 7,317	10,199

<sup>1</sup> New York, No. 1 virgin 98-99 percent, 1915-20; 99-percent-plus virgin, 1930-53. Source: *American Metal Market*.

<sup>2</sup> Based upon average price of primary aluminum as reported to Bureau of Mines, or as quoted by the *Engineering and Mining Journal* and the *American Metal Market*.

<sup>3</sup> Estimated. Source, 1915-30: Imperial Institute.

<sup>4</sup> Not available.

<sup>5</sup> Data not available on fluctuations in consumers' stocks, 1915-40, and in producers' stocks, 1915 and 1920.

<sup>6</sup> Includes aluminum and aluminum alloy ingots, scrap, plates, sheets, bars, etc.

<sup>7</sup> Data not comparable with earlier years.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 954.—MAGNESIUM—SUMMARY: 1920 TO 1953

[In short tons]

ITEM	1920	1930	1940	1945	1950	1951	1952	1953
Production, ingot equivalent.....	( <sup>1</sup> )	587	6,261	32,792	15,726	40,881	105,821	93,075
Sales.....	62	280	6,411	43,496	20,370	40,052	104,914	90,041
Price per pound (quoted).....cents..	160.0	48.0	27.0	20.5	22.0	24.5	24.5	26.6
Exports:								
Metal in primary form <sup>2</sup> .....	( <sup>1</sup> )	( <sup>1</sup> )	834	496	586	575	<sup>3</sup> 1,066	<sup>3</sup> 2,722
Powder, ribbons, etc.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	860	322	186	<sup>3</sup> 140	<sup>3</sup> 248
Imports, metallie and scrap.....	15	3	-----	54	843	3,871	252	2,443
Apparent consumption <sup>4</sup> .....	( <sup>1</sup> )	280	5,577	43,000	19,784	39,477	103,848	87,319
World production.....	( <sup>1</sup> )	( <sup>1</sup> )	42,000	63,000	45,000	89,000	169,000	170,000

<sup>1</sup> Not available.

<sup>2</sup> Primary metal only. Alloy exports in addition: 25 tons in 1940, 22 tons in 1945, none in 1950-53.

<sup>3</sup> 1952 and 1953 not comparable with earlier years.

<sup>4</sup> Not considering fluctuations in consumers' stocks and metal derived from scrap.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

FIG LI.—NEW CONSTRUCTION EXPENDITURES IN CURRENT DOLLARS: 1925 to 1954

[Represents value of work put-in-place. See table 955]

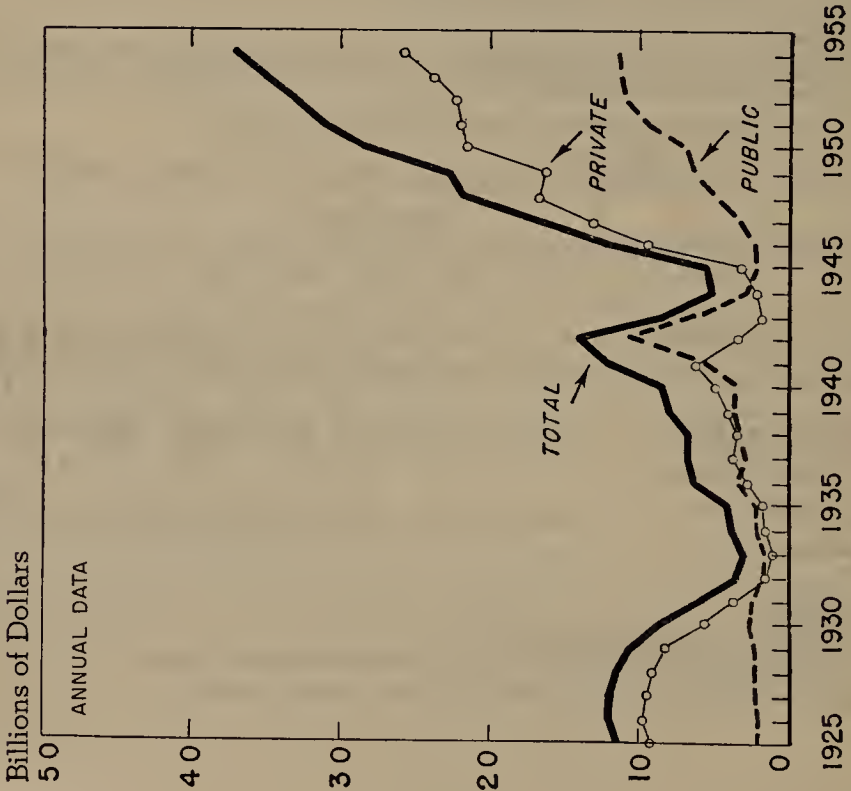
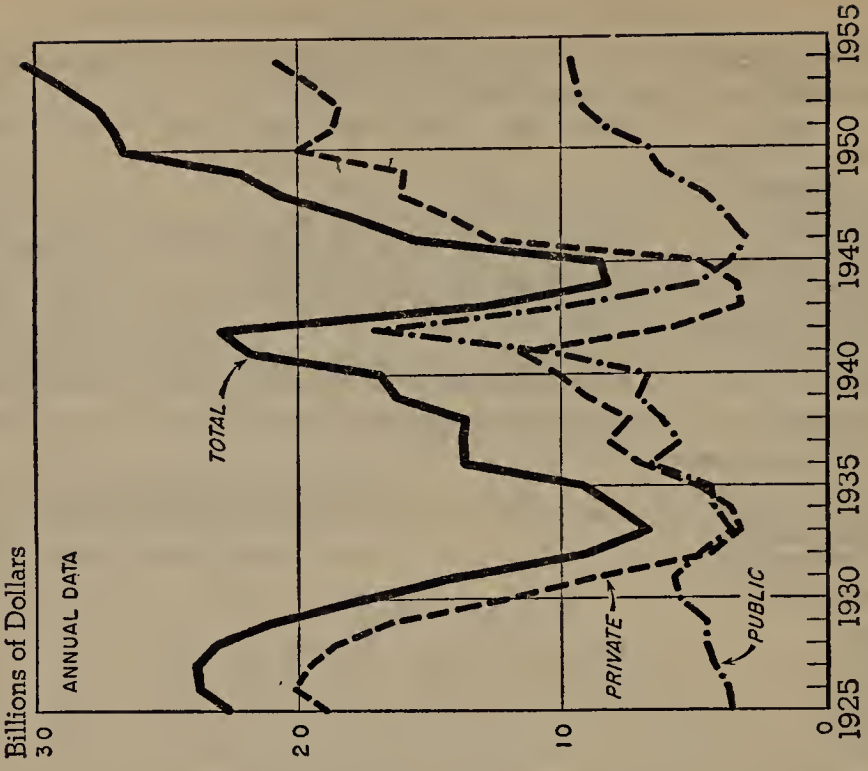


FIG LI.—NEW CONSTRUCTION EXPENDITURES IN 1947-49 PRICES: 1925 to 1954

[Represents value of work put-in-place. See table 955]



Source of figs. LI and LII: Department of Commerce, Business and Defense Services Administration.



## 29. Construction and Housing

**Construction.**—Monthly estimates of the value of work put in place are probably the most widely used of the current Federal statistics on construction. These estimates are prepared jointly by the Business and Defense Services Administration of the Department of Commerce and the Bureau of Labor Statistics of the Department of Labor and appear monthly in their jointly issued *Construction Review*.

Estimates of privately financed nonresidential construction are primarily the responsibility of the Department of Commerce. Construction estimates for buildings such as stores, warehouses, and factories are based on F. W. Dodge Corporation reports of construction contracts awarded, supplemented by building permit data and information from secondary sources for States which the Dodge Corp. does not cover. Public utility construction estimates are derived from data reported by the Interstate Commerce Commission and other Federal regulatory agencies, and by private associations such as the American Gas Association and the American Transit Association.

Estimates of publicly financed construction of all types and housing construction activity are primarily the responsibility of the Bureau of Labor Statistics. Certain of the Federal agencies administer federally aided construction programs; other agencies administer the construction of federally owned facilities. Construction activity data of this type are derived by the Bureau of Labor Statistics from the reports of the respective Federal agencies; data on State and local governmental construction activity are derived from F. W. Dodge Corporation and Engineering News-Record reports. Estimates of residential construction activity, including number of housing units started by type of structure and source of funds, and average construction costs, are based primarily upon reports of building permits granted which are received from nearly 7,000 permit-granting authorities. Field surveys on a sample basis are used to obtain data on housing activity in nonpermit areas. Statistics on housing starts in certain metropolitan areas are available from the Bureau of Labor Statistics for 1946 through the first quarter of 1951. The current program of the Bureau of Labor Statistics provides monthly estimates of the number of housing starts in the nation as a whole, and, beginning with January 1954, monthly statistics for four broad geographic divisions, and by class of area (metropolitan-nonmetropolitan).

The Bureau of the Census conducted a Census of Construction for 1929, 1935, and 1939. The last census covered all persons or establishments whose principal business in 1939 was utilizing construction materials and labor in construction work for others, or for themselves for speculative and investment purposes on projects located within the limits of continental United States. Because the census excluded force account work, its coverage was substantially less than current estimates of value of work put in place.

**Housing.**—The first Census of Housing was taken in 1940 as part of the Sixteenth Decennial Census, although some housing data were collected by the Bureau of the Census in earlier years in conjunction with Censuses of Population and Agriculture. Housing data, in less detail but roughly comparable to those obtained in the 1940 Census, were collected in sample surveys by the Bureau of the Census in October 1944, November 1945, and April 1947 as part of the Current Population Survey; also, sample data on selected characteristics were collected in May 1948. The 1950 Census

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Note.—This section presents data for the most recent year or period available on May 27, 1955, when the material was organized and sent to the printer.

of Housing was the second Census of Housing; this Census was authorized by the Housing Act of 1949, which provided also that a Census of Housing be taken decennially thereafter.

**Urban and rural, farm and nonfarm residence.**—A new definition was adopted for use in the 1950 Census in response to requests from many users of census data for a more realistic classification by urban and rural residence. For this definition and additional explanation, see page 2. In the 1950 Census, the enumerators in rural areas were specifically instructed to base the farm-nonfarm classification of a dwelling unit on the respondent's answer to the question, "Is this house on a farm?" Farm residence is therefore determined without regard to the occupation of the members of the household.

In rural areas, dwelling units are classified into rural-farm units which comprise all dwelling units on farms, and rural-nonfarm units which are the remaining rural units. In the 1950 Census of Housing, as in 1940 and in earlier decennial censuses, farm housing was defined to include all housing on farms. However, in the 1940 and previous censuses, there was no specific exclusion of dwelling units for which cash rent was paid for the house and yard only, nor of institutions, summer camps, and tourist courts; these were excluded in 1950.

**Dwelling unit.**—In general, a dwelling unit is a group of rooms or a single room occupied, or intended for occupancy, as separate living quarters by a family or other group of persons living together or by a person living alone. Living quarters of the following types are not included in the dwelling-unit inventory: Rooming houses with five lodgers or more, transient accommodations (tourist courts, hotels, etc., predominantly for transients), and barracks for workers (railroad, construction, etc.).

The count of dwelling units in the 1950 Census may be considered comparable with the count in the 1940 Census. The enumeration of vacant units in the 1950 Census of Housing was not entirely comparable with the procedure used in the 1940 Census. Counts of total vacant units in 1950 are considered more inclusive than in 1940. In 1940, vacant units were enumerated only if they were habitable; vacant units which were uninhabitable and beyond repair were omitted. In 1950, all vacant units, whether or not dilapidated, were included if they were intended for occupancy as living quarters.

**Residential financing.**—Statistics on residential financing were collected on a sample basis as part of the 1950 Census of Housing. The survey covered nonfarm residential mortgaged properties, both owner and rental. The data are expressed in terms of mortgaged properties, number of mortgages, and outstanding mortgage debt. Construction mortgages were excluded.

Data on home mortgages and foreclosures, based largely on reports from major holders, are provided by the Home Loan Bank Board. The Federal Housing Administration compiles, from its records, data on its real estate financial operations, such as volume of mortgages insured, type of lending institution, etc. The Veterans Administration also compiles, from its records, data on amounts and types of loans. For explanation of the relationship between the data obtained in the 1950 Census of Housing and those compiled from other sources, see Department of Commerce, Bureau of the Census, 1950 Census of Housing, Volume IV, *Residential Financing*.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series H 1-26") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.



No. 955.—CONSTRUCTION IN THE UNITED STATES—ESTIMATED EXPENDITURES  
FOR PRIVATE AND PUBLIC CONSTRUCTION: 1915 TO 1954

[In millions of dollars. Represents value of work put-in-place during year; consequently differs from building permit and construction contract data which measure value of work started. In addition, coverage generally broader than permit and contract data. Includes value and cost of installation of equipment which is integral part of structure, but not that of machinery, shipbuilding, or land costs. See also *Historical Statistics*, series H 1-26]

TYPE OF CONSTRUCTION	1915	1920	1925	1930	1935	1940	1943	1944	1945
<b>Total</b> .....	4,969	9,726	14,963	12,599	7,359	12,775	13,271	10,541	11,692
New construction, total.....	3,262	6,749	11,439	8,741	4,232	8,682	8,301	5,259	5,633
<i>Adjusted values, 1947-49 prices</i> .....	11,503	10,546	22,504	17,440	9,081	16,766	12,828	8,162	8,430
Private, total.....	2,543	5,397	9,301	5,883	1,999	5,054	1,979	2,186	3,235
Residential (excl. farm).....	1,220	2,015	5,515	2,075	1,010	2,985	885	815	1,100
Nonresidential building <sup>1</sup> .....	478	1,964	2,060	2,003	472	1,025	233	351	1,020
Industrial.....	197	1,099	513	532	158	442	156	208	642
Warehouses, office and loft bldgs.....	(2)	258	357	596	75	91	14	17	56
Stores, restaurants and garages.....	(2)	367	583	297	136	257	19	39	147
Other nonresidential bldgs.....	(2)	240	607	578	103	235	44	87	175
Farm construction.....	229	566	311	193	126	240	284	283	267
Operators' dwellings.....	109	266	141	107	61	145	121	108	100
Service buildings.....	120	300	170	86	65	95	163	175	167
Public utility.....	549	771	1,302	1,527	363	771	570	725	827
Railroad.....	241	184	393	521	116	167	211	247	264
Telephone and telegraph.....	43	124	210	333	52	122	61	83	117
Other public utility <sup>3</sup> .....	265	463	699	673	195	482	298	395	446
All other private.....	67	81	113	85	28	33	7	12	21
Public, total.....	719	1,352	2,138	2,858	4,233	4,628	4,622	3,073	2,398
Residential.....					9	200	739	211	80
Nonresidential building.....	217	283	573	660	328	615	2,010	1,361	937
Industrial.....	(1)	(1)	(1)	(1)	2	164	1,870	1,230	755
Educational.....	(2)	190	400	364	153	156	63	41	59
Hospital and institutional.....	(2)	33	61	118	38	54	44	58	85
Other nonresidential.....	(2)	60	112	178	135	241	33	32	38
Military facilities.....	17	161	8	29	37	385	2,550	837	690
Highway.....	302	656	1,082	1,516	845	1,302	446	362	398
Sewer and water.....	106	153	278	343	175	338	107	79	97
Misc. public service enterprises.....	40	39	120	157	71	131	49	46	55
Conservation and development.....	36	55	73	137	700	528	285	163	130
All other public.....	1	5	4	16	68	129	136	14	11
Maintenance and repair.....	1,707	2,977	3,524	3,858	3,127	4,093	4,970	5,282	6,059

TYPE OF CONSTRUCTION	1946	1947	1948	1949	1950	1951	1952	1953	1954
<b>Total</b> .....	20,016	27,007	33,409	34,677	40,448	44,482	47,074	49,479	( <sup>b</sup> )
New construction, total.....	12,000	16,689	21,678	22,789	28,454	31,182	33,008	35,256	37,170
<i>Adjusted values, 1947-49 prices</i> .....	15,531	17,784	20,763	22,177	26,608	26,988	27,662	28,927	30,436
Private, total.....	9,638	13,256	16,853	16,384	21,454	21,764	22,107	23,877	25,720
Residential (excl. farm).....	4,015	6,310	8,580	8,267	12,600	10,973	11,100	11,930	13,450
Nonresidential building.....	3,341	3,142	3,621	3,228	3,777	5,152	5,014	5,680	6,189
Industrial.....	1,689	1,702	1,397	972	1,062	2,117	2,320	2,229	2,011
Warehouses, office and loft bldgs.....	331	237	352	321	402	544	515	739	914
Stores, restaurants and garages.....	801	619	901	706	886	827	622	1,052	1,268
Other nonresidential bldg.....	520	584	971	1,229	1,427	1,664	1,557	1,660	1,996
Farm construction.....	856	1,397	1,544	1,488	1,635	1,846	1,905	1,731	1,560
Operators' dwellings.....	409	683	738	695	763	863	890	809	729
Service buildings.....	447	714	806	793	872	983	1,015	922	831
Public utility.....	1,374	2,338	3,043	3,323	3,330	3,729	4,003	4,416	4,400
Railroad.....	258	318	379	352	315	399	438	442	375
Telephone and telegraph.....	305	510	713	533	440	487	570	615	625
Other public utility <sup>3</sup> .....	811	1,510	1,951	2,438	2,575	2,843	2,995	3,359	3,400
All other private.....	52	69	65	78	112	64	85	120	121
Public, total.....	2,662	3,433	4,825	6,405	7,000	9,418	10,901	11,379	11,450
Residential.....	374	200	156	359	345	595	654	556	345
Nonresidential building.....	354	599	1,301	2,068	2,384	3,497	4,136	4,352	4,535
Industrial.....	113	96	196	177	224	974	1,684	1,771	1,500
Educational.....	101	287	618	934	1,133	1,513	1,619	1,728	2,065
Hospital and institutional.....	85	85	223	477	496	528	473	353	350
Other nonresidential.....	55	131	264	480	531	482	360	500	620
Military facilities.....	188	204	158	137	177	887	1,388	1,307	1,010
Highway.....	895	1,451	1,774	2,131	2,272	2,518	2,820	3,165	3,525
Sewer and water.....	194	351	535	619	659	775	790	861	975
Misc. public service enterprises.....	99	164	185	203	185	213	193	201	200
Conservation and development.....	240	394	629	793	881	853	854	830	710
All other public.....	18	70	87	95	97	80	66	107	150
Maintenance and repair.....	8,016	10,318	11,731	11,888	11,994	13,300	14,066	14,223	( <sup>b</sup> )

<sup>1</sup> Public industrial and commercial building not segregable from private construction, 1915-32; amount believed negligible. <sup>2</sup> Not available separately.

<sup>3</sup> Including local transit.

<sup>4</sup> Includes work-relief construction.

<sup>5</sup> Not available.

Source: Department of Commerce, Business and Defense Services Administration. Current estimates are published monthly in *Construction Review* (a joint publication of the Departments of Commerce and Labor) and in *Survey of Current Business*.

## No. 956.—CONSTRUCTION AND BUILDING COST INDEXES: 1917 TO 1954

[1913=100 except Aberthaw for which base year is 1914. See also *Historical Statistics*, series H 64, 65, and 73, for AAC, ENR (const.), and Turner indexes]

YEAR	AAC (new) <sup>1</sup>	AGC <sup>2</sup>	ENR Const. <sup>3</sup>	ENR Bldg. <sup>3</sup>	Boeckh, U. S. <sup>4</sup>	Aber- thaw <sup>5</sup>	Fuller <sup>6</sup>	Turner <sup>7</sup>	M & S <sup>8</sup>	S. H. & G. <sup>9</sup>
1917....	143	152	181	167	142	126	156	147	127	-----
1918....	177	175	189	159	156	147	160	166	148	-----
1919....	229	198	198	159	172	172	168	196	185	-----
1920....	283	247	251	207	214	234	209	252	233	-----
1921....	216	200	202	166	175	179	188	183	178	-----
1922....	200	184	174	155	162	170	175	175	172	-----
1923....	224	201	214	186	181	202	190	196	182	190
1924....	222	202	215	186	181	198	194	194	183	193
1925....	217	199	207	183	179	195	193	195	185	187
1926....	217	197	208	185	181	197	202	195	185	185
1927....	217	200	206	186	179	193	197	190	182	185
1928....	217	199	207	188	179	191	196	190	184	188
1929....	217	203	207	191	184	190	201	185	179	190
1930....	200	200	203	185	181	186	199	165	165	181
1931....	178	196	181	168	168	176	180	145	156	148
1932....	155	171	157	141	144	168	157	136	130	128
1933....	150	163	170	148	148	170	155	141	143	137
1934....	161	178	198	167	161	176	171	160	156	157
1935....	162	176	196	166	159	177	167	162	164	161
1936....	170	179	206	172	164	184	168	166	166	173
1937....	198	188	235	196	183	199	187	193	180	200
1938....	199	189	236	197	189	191	192	188	178	200
1939....	200	188	236	197	191	190	195	182	183	199
1940....	204	189	242	203	195	193	196	194	190	204
1941....	217	198	258	211	204	208	206	217	202	217
1942....	241	209	276	222	214	223	229	245	218	226
1943....	252	216	290	229	223	225	238	257	227	245
1944....	261	223	299	235	237	227	240	244	234	264
1945....	271	231	308	239	252	236	241	257	248	285
1946....	322	257	346	262	275	279	290	318	288	319
1947....	430	296	413	313	323	304	354	380	338	371
1948....	490	332	461	345	365	321	380	422	368	405
1949....	490	342	477	352	369	312	382	414	365	395
1950....	500	357	510	375	386	321	377	427	390	426
1951....	532	377	543	401	415	370	405	478	430	476
1952....	553	388	569	416	430	381	416	493	426	499
1953....	577	408	600	431	445	388	429	500	448	504
1954....	592	426	628	446	450	394	450	489	459	500

<sup>1</sup> American Appraisal Co. Average for 30 cities of 4 types of buildings: Wood frame, brick-wood frame, brick-steel frame, reinforced concrete. Mechanicals (electrical, plumbing, and heating) not included. Based on actual appraisal costs. Available for individual cities.

<sup>2</sup> Associated General Contractors of America. Wages and materials for 12 cities combined in 40-60 ratio. Wages, prevailing rates for hod carriers and common labor. Materials, weighted: Sand, gravel and crushed stone, 1; cement, 1; lumber, 1; hollow tile, 1/2; structural and reinforcing steel, 1/2.

<sup>3</sup> Engineering News-Record Construction Cost index has 4 components: (1) Structural steel shapes, base price; (2) cement, which is 20-cities average but prior to July, 1948, was Chicago price only; (3) lumber, which until 1935 was 12 x 12 long leaf yellow pine wholesale at New York, and since 1935 is 2 x 4 S&S pine and fir in carload lots, ENR 20-cities average; (4) common labor, ENR 20-cities average of wage rates in force. ENR Building Cost index provides a more representative measure of building cost movement, the skilled labor trend having been substituted for the common labor trend in the ENR Construction Cost index, and the ENR Building Cost index computed.

<sup>4</sup> E. H. Boeckh & Assoc., Inc. Individual series for 10 types of buildings for 20 areas. Weights based on studies of actual building costs—vary with different type of structures. Material prices are those paid by contractors to material dealers. Prevailing skilled and common wage rates from contractors. Base: United States average, 1926-29=100. Series given here is commercial and factory buildings, U. S. average converted to 1913=100 base.

<sup>5</sup> Aberthaw. Until Mar. 31, 1946, New England, 7-story and basement (62' 4" x 202' 4"), reinforced concrete building built in 1914, repriced quarterly as a construction bid to duplicate original building; labor costs based on current experience with similar construction. Since Mar. 31, 1946, New England, composite of 36 major cost items in 3 multi-story and 2 one-story industrial buildings, including all mechanical trades, repriced using actual and estimated labor and material costs.

<sup>6</sup> George A. Fuller Company. Composite of 36 major cost elements, in 3 commercial type buildings, including mechanicals (electrical, plumbing, heating, and elevators), repriced.

<sup>7</sup> Turner Construction Co. Eastern cities. Own building cost experience applied to these factors: Labor rates, material prices, productivity of labor, efficiency of plant and management, competitive conditions.

<sup>8</sup> Marshall and Stevens. Averages for 4 types of building: Fireproof protected steel, fireproof reinforced concrete, masonry, and frame. Designed to reflect normal costs in line with recognized or published prices of building materials, equipment, and labor. Base: U. S. average, 1926=100, converted to 1913=100 base.

<sup>9</sup> Smith, Hinchman, and Grylls, Inc. Actual in-place costs, using building material costs, freight rates, skilled and unskilled labor rates and including labor efficiency and premiums, bidding competition, contractor profit margins and overhead. Figured with the contractor overhead are taxes, duration of projects, material expediting and labor procurement. This index is reported monthly on a 1926=100 base, converted to 1913=100 base.

Source: Engineering News-Record, New York, N. Y.



# No. 957.—BUILDING PERMIT ACTIVITY—VALUE BY CLASS OF CONSTRUCTION AND OWNERSHIP: 1954

[In thousands of dollars. Covers building activity in all urban and rural-nonfarm localities having building-permit systems. Such localities (over 7,000) include about 80 percent of the nonfarm population of the country, according to the 1950 Census. Compiled from estimates of construction costs made by prospective builders when applying for permits to build, and value of contracts awarded by the Federal Government. State and local governmental construction is reported by local officials]

CLASS OF CONSTRUCTION	Total	Private	Public
All building construction.....	16,464,877	14,806,789	1,658,088
New buildings.....	14,996,437	13,397,932	1,598,505
Residential buildings.....	9,990,655	9,830,669	159,987
1-family dwellings.....	8,921,162	8,918,261	2,901
2-family dwellings.....	210,995	210,727	268
Multifamily dwellings.....	722,301	566,239	156,062
Nonhousekeeping buildings.....	136,197	135,441	756
Nonresidential buildings.....	5,005,782	3,567,263	1,438,518
Amusement buildings.....	97,629	73,697	23,933
Churches.....	361,469	361,469	-----
Factories and workshops.....	662,252	640,674	21,578
Public garages.....	60,115	46,384	13,731
Private garages.....	166,360	166,360	-----
Service stations.....	119,890	119,876	14
Institutions.....	335,472	201,701	133,771
Office buildings.....	454,593	450,839	3,754
Public buildings.....	304,648	-----	304,648
Public works and utilities.....	209,427	151,621	57,806
Schools and libraries.....	1,173,554	357,226	816,327
Stores and warehouses.....	859,299	854,188	5,111
All other.....	201,073	143,228	57,845
Additions, alterations, and repairs.....	1,468,440	1,408,857	59,582

Source: Department of Labor, Bureau of Labor Statistics; current data are published monthly in *Construction Review* (a joint publication of the Departments of Commerce and Labor), and in *Monthly Labor Review*.

# No. 958.—NEW PERMANENT DWELLING UNITS STARTED IN NONFARM AREAS, BY TYPE: 1920 TO 1954

[Figures are estimates covering construction of all new permanent family dwelling units in nonfarm area of United States, based upon building-permit reports, and from 1946, on building-permit information, supplemented by data from field surveys in non-permit-issuing places. This area consists of all urban and rural-nonfarm places. See also *Historical Statistics*, series H 40-45; data for 1941-1945 in historical volume include temporary units]

YEAR	DWELLING UNITS STARTED							ESTIMATED CONSTRUCTION COST (millions of dollars) <sup>4</sup>			
	Total non-farm	Area <sup>1</sup>		Type of dwelling			Ownership		Total	Privately financed	Publicly financed
		Metro-politan	Non-metro-politan	1-family	2-family <sup>2</sup>	Multi-family <sup>3</sup>	Private	Public			
1920-----	247,000	( <sup>5</sup> )	( <sup>5</sup> )	202,000	24,000	21,000	247,000	-----	1,068	1,068	-----
1925-----	937,000	( <sup>5</sup> )	( <sup>5</sup> )	572,000	157,000	208,000	937,000	-----	4,475	4,475	-----
1930-----	330,000	( <sup>5</sup> )	( <sup>5</sup> )	227,000	29,000	74,000	330,000	-----	1,494	1,494	-----
1935-----	221,000	( <sup>5</sup> )	( <sup>5</sup> )	183,000	8,000	30,000	215,705	5,295	757	733	25
1940-----	603,000	( <sup>5</sup> )	( <sup>5</sup> )	486,000	37,000	80,000	530,000	73,000	2,299	2,072	227
1945-----	209,300	( <sup>5</sup> )	( <sup>5</sup> )	184,600	8,800	15,900	208,159	1,241	966	959	6
1947-----	849,000	( <sup>5</sup> )	( <sup>5</sup> )	740,200	33,900	74,900	845,560	3,440	5,643	5,617	25
1948-----	931,600	( <sup>5</sup> )	( <sup>5</sup> )	766,600	46,900	118,100	913,500	18,100	7,203	7,029	174
1949-----	1,025,100	( <sup>5</sup> )	( <sup>5</sup> )	794,300	36,500	194,300	988,800	36,300	7,703	7,374	329
1950-----	1,396,000	1,021,600	374,400	1,154,100	44,800	197,100	1,352,200	43,800	11,789	11,418	370
1951-----	1,091,300	776,800	314,500	900,100	40,400	150,800	1,020,100	71,200	9,801	9,186	615
1952-----	1,127,000	794,900	332,100	942,500	45,900	138,600	1,068,500	58,500	10,209	9,706	503
1953-----	1,103,800	803,500	300,300	937,800	41,500	124,500	1,068,300	35,500	10,488	10,181	307
1954-----	1,220,400	896,900	323,500	1,077,900	34,200	108,300	1,201,700	18,700	12,478	12,309	169

<sup>1</sup> Metropolitan segment corresponds to the 168 standard metropolitan areas used in the 1950 Census.

<sup>2</sup> Includes 1- and 2-family dwellings with stores. <sup>3</sup> Includes multifamily dwellings with stores.

<sup>4</sup> Private construction costs based on permit valuation, adjusted for understatement of costs shown on permit applications. Public construction costs based on contract values or estimated construction costs for individual projects. <sup>5</sup> Not available.

Source: 1920 and 1925, National Bureau of Economic Research; later years, Department of Labor, Bureau of Labor Statistics. Current data are published monthly in *Construction Review* (a joint publication of the Departments of Commerce and Labor).

# No. 959.—NUMBER AND AVERAGE CONSTRUCTION COST OF NEW PERMANENT PRIVATELY OWNED ONE-FAMILY DWELLING UNITS STARTED: 1940 TO 1954

[Average cost of all such dwelling units started nationally. Data do not represent construction cost of a typical house. These averages are affected by changes in cost of materials and labor, variations in size and design of the houses, type of projects started, differences in construction methods, and other variables. Construction costs cover only labor, materials, and subcontracted work, and that part of the builders' overhead and profit chargeable directly to the construction projects. Cost data based primarily on builders' estimates of construction cost made at the start of construction, and from 1946, also on reports of construction cost by individual construction contractors in a representative group of localities not issuing permits]

PERIOD	Number of dwelling units started	Average construction cost per unit	PERIOD	Number of dwelling units started	Average construction cost per unit
1940.....	447, 600	\$4, 075	1954.....	1, 077, 300	\$10, 625
1941.....	553, 200	4, 250	January.....	53, 100	9, 750
1942.....	252, 300	3, 900	February.....	64, 500	9, 800
1943.....	136, 300	3, 675	March.....	83, 100	10, 075
1944.....	114, 600	3, 450	April.....	96, 000	10, 600
1945.....	184, 600	4, 650	May.....	97, 600	10, 850
1946.....	590, 000	5, 525	June.....	101, 900	10, 750
1947.....	740, 200	6, 750	July.....	101, 600	10, 850
1948.....	763, 200	7, 850	August.....	103, 000	10, 750
1949.....	792, 400	7, 625	September.....	103, 900	10, 675
1950.....	1, 150, 700	8, 675	October.....	100, 300	10, 800
1951.....	892, 200	9, 300	November.....	92, 800	10, 850
1952.....	939, 100	9, 475	December.....	79, 500	11, 075
1953.....	932, 800	9, 950			

Source: Department of Labor, Bureau of Labor Statistics; Bulletin No. 1146. Current data published monthly in *Construction Review* (a joint publication of the Departments of Commerce and Labor), and in *Monthly Labor Review*.

# No. 960.—INDEXES OF WHOLESALE PRICES OF BUILDING MATERIALS: 1950 TO 1954

[1947-49=100]

COMMODITY	1950	1952	1953	1954	COMMODITY	1950	1952	1953	1954
All building materials.....	109.5	118.2	119.9	120.2	Metal and metal products:				
Lumber and wood products:					Structural steel shapes.....	121.1	131.1	138.2	143.8
Lumber.....	114.5	120.5	119.3	117.3	Hardware (finish).....	114.2	125.4	132.7	139.3
Douglas fir.....	117.6	127.3	117.2	119.4	Plumbing equipment.....	108.2	117.4	116.0	118.4
Southern pine.....	108.0	116.9	115.8	110.7	Enameled iron fixtures.....	115.5	122.4	126.1	129.2
Other softwoods.....	118.9	128.2	132.6	130.4	Vitreous china fixtures.....	114.1	122.0	107.1	111.7
Hardwood.....	114.8	112.5	114.8	112.4	Brass fittings.....	100.5	112.2	114.7	116.4
Millwork.....	114.6	127.0	131.5	130.6	Heating equipment.....	105.1	113.8	114.8	114.3
Plywood.....	106.5	105.0	109.3	103.1	Metal doors, sash, trim.....	110.0	117.7	122.6	129.4
Softwood plywood.....	113.8	110.3	110.7	107.2	Nonmetallic mineral items:				
Hardwood plywood.....	101.4	101.3	108.4	100.3	Concrete ingredients.....	106.8	113.0	117.4	121.0
Chemical and allied products:					Portland cement.....	108.0	116.4	122.2	126.6
Paint and paint materials.....	96.8	107.3	106.7	(1)	Concrete products.....	105.5	112.5	115.4	117.5
Prepared paint.....	99.3	110.4	111.1	112.8	Structural clay products.....	112.6	122.0	128.1	133.1
Paint materials.....	90.9	100.3	96.2	96.3	Gypsum products.....	104.6	117.7	121.0	122.1
					Insulation materials.....	101.1	105.4	107.9	109.6
					Other items: Building paper and board.....	107.6	115.5	121.4	127.7

<sup>1</sup> Discontinued January 1954.

Source: Department of Labor, Bureau of Labor Statistics; Bulletin No. 1146. Current data published monthly in *Construction Review* (a joint publication of the Departments of Commerce and Labor), and in *Monthly Labor Review*.



# No. 961.—FEDERAL CONTRACT AWARDS FOR NEW CONSTRUCTION (VALUE), BY TYPE OF PROJECT: 1935 TO 1954

[In thousands of dollars. Includes force-account construction started, which is work done directly by Federal agency (not through contractor), using separate work force to perform nonmaintenance work on agency's own property. For Federal-aid programs, includes funds to be contributed by owner as well as Federal Government. Major additions and alterations considered new construction. Secret projects sometimes excluded]

TYPE OF PROJECT	1935	1940	1945	1950	1951	1952	1953	1954 <sup>1</sup>
<b>Total new construction</b> .....	<b>1, 478, 073</b>	<b>2, 316, 467</b>	<b>1, 092, 181</b>	<b>2, 805, 214</b>	<b>4, 494, 222</b>	<b>4, 808, 151</b>	<b>3, 457, 466</b>	<b>2, 773, 473</b>
Airfields <sup>2</sup> .....	(3)	137, 112	41, 219	58, 183	285, 093	143, 144	111, 634	153, 927
Building.....	442, 782	1, 537, 910	806, 917	1, 369, 617	2, 421, 583	2, 663, 802	1, 818, 626	1, 012, 029
Residential.....	7, 833	244, 671	60, 535	15, 445	8, 966	23, 071	15, 009	3, 852
Nonresidential.....	434, 949	1, 293, 239	746, 382	1, 354, 172	2, 412, 617	2, 640, 731	1, 803, 617	1, 008, 177
Conservation and develop- ment.....	438, 725	197, 589	72, 150	321, 458	397, 907	291, 831	225, 519	199, 716
Reclamation.....	158, 027	69, 028	30, 765	81, 768	87, 966	92, 916	63, 604	41, 007
River, harbor, and flood control.....	280, 698	128, 561	41, 385	239, 690	309, 941	198, 915	161, 915	158, 709
Highways.....	381, 037	364, 048	100, 969	836, 015	851, 879	1, 006, 453	1, 050, 607	1, 280, 708
All other <sup>4</sup> .....	215, 529	79, 808	70, 926	219, 941	537, 760	702, 921	251, 080	127, 093

<sup>1</sup> Preliminary.

<sup>2</sup> Excludes hangars and other buildings, which are included under nonresidential building.

<sup>3</sup> Included in "All other."

<sup>4</sup> Covers electrification projects, water-supply and sewage-disposal systems, railroad construction, etc.

Source: Department of Labor, Bureau of Labor Statistics; Bulletin No. 1146. Current data published monthly in *Construction Review* (a joint publication of the Departments of Commerce and Labor), and in *Monthly Labor Review*.

# No. 962.—FEDERAL EXPENDITURES FOR PUBLIC WORKS: 1954 AND 1955

[In millions of dollars. For years ending June 30. Includes direct Federal works and grants and loans to State and local governments for public works]

FUNCTION AND TYPE OF FACILITY	1954 actual	1955 estimate	FUNCTION AND TYPE OF FACILITY	1954 actual	1955 estimate
<b>Civil public works, total</b> .....	<b>1, 591</b>	<b>1, 914</b>	Commerce and manpower.....	340	735
Veterans' services and benefits.....	58	45	Housing and community develop- ment.....	-366	-66
Hospitals and other facilities.....	54	40	Community facilities (net).....	15	-10
Cemeteries and memorials.....	4	5	Low-rent public housing (net).....	-410	-85
International affairs and finance.....	12	7	Defense housing.....	21	7
Radio facilities.....	7	4	Public works in Alaska and Vir- gin Islands.....	9	23
Foreign service buildings.....	5	3	Transportation and communica- tion.....	695	760
Welfare, health, and education.....	181	207	Water navigation aids and facili- ties.....	46	62
Social security, welfare and health.....	65	59	Federal-aid highways.....	520	589
Hospitals and health centers.....	54	53	Forest highways and other road construction.....	52	55
Medical and public health re- search facilities.....	10	5	Airports.....	19	15
Federal prison facilities.....	1	1	Air-navigation facilities.....	12	11
Education and general research.....	116	147	Aeronautical and other research facilities.....	40	22
Schools.....	113	147	Alaska Railroad.....	8	7
Research facilities.....	3	1	Finance, commerce, and industry: Nickel and synthetic rubber facili- ties.....	11	41
Agriculture and agricultural resources.....	51	45	General government: Government buildings and facilities.....	13	35
Grain storage facilities.....	43	27	<b>Major national security public works and construction, total</b> .....	<b>2, 803</b>	<b>2, 263</b>
Research facilities.....	1	5	Army, Navy, and Air Force con- struction.....	1, 712	1, 430
Watershed protection facilities.....	7	14	Atomic energy facilities.....	1, 085	832
Natural resources.....	936	840	Stockpile storage facilities.....	6	1
Water resources and related develop- ments for irrigation, flood control, navigation and power.....	883	776			
Forest roads and structures.....	21	24			
Roads, buildings and utilities on Indian lands.....	14	15			
Mineral and other research facili- ties.....	3	5			
Fish hatcheries and wildlife refuges.....	2	4			
Parkways, roads and utilities in national parks.....	13	17			

Source: Executive Office of the President, Bureau of the Budget; *Budget of the U. S. Government, 1966*, Special Analysis F.

# No. 963.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES—VALUE OF CONSTRUCTION AND FLOOR SPACE OF BUILDINGS, BY CLASS OF CONSTRUCTION: 1925 TO 1954

[Values in millions of dollars; floor space in thousands of square feet. Public works and public utilities cover some projects not measurable in terms of floor space, such as highways, pipe lines, subways, etc. Statistics for the 37 States were not compiled for years prior to 1925, but available figures covering a varying number of States for earlier years have been published in the 1932 and previous issues of the *Statistical Abstract*. Figures for individual States and districts in table 964 represent value of construction contracts awarded in States and districts where work was actually done. See also *Historical Statistics*, series H 51-57]

YEAR	Total	Residential	Commercial <sup>1</sup>	Manufacturing buildings <sup>2</sup>	Public works	Public utilities <sup>1 2</sup>	Educational	Hospital and institutional	Public buildings	Religious	Social and recreational	Miscellaneous non-residential
VALUE OF CONSTRUCTION												
1925	6,006.4	2,747.7	872.4	326.6	653.9	403.0	418.7	111.1	54.5	153.1	253.0	12.4
1929	5,750.8	1,915.7	929.2	545.9	940.1	469.6	369.6	152.2	120.8	106.1	146.6	54.9
1930	4,523.1	1,101.3	616.3	256.6	969.6	629.8	366.2	163.1	139.8	92.8	116.6	70.9
1933	1,255.7	249.3	99.4	127.5	504.5	84.5	38.9	37.3	50.9	17.7	27.2	18.7
1935	1,844.5	478.8	164.5	108.9	589.1	95.7	168.3	47.1	97.8	23.7	54.9	16.0
1937	2,913.1	905.3	297.0	313.7	588.7	262.9	223.2	81.8	104.9	36.9	83.8	14.8
1938	3,196.9	985.8	215.8	121.1	850.2	288.8	334.1	115.6	114.1	35.8	108.0	27.7
1939	3,550.5	1,334.3	246.9	174.8	961.7	289.0	201.4	82.9	110.0	38.4	82.2	28.9
1940	4,004.0	1,596.9	318.3	442.4	831.3	281.1	147.2	94.1	80.2	45.7	62.6	104.2
1941	6,007.5	1,953.8	471.2	1,181.5	1,109.3	628.7	140.9	88.5	89.4	52.5	78.1	213.6
1942	8,255.1	1,817.7	302.2	2,227.5	1,302.5	1,238.1	147.9	184.9	101.6	23.5	101.3	807.7
1943	3,274.0	867.8	120.7	766.2	470.6	511.4	62.4	110.7	24.7	7.1	58.2	274.2
1944	1,994.0	348.4	80.8	472.7	429.6	316.6	69.2	59.2	11.9	11.6	32.7	161.3
1945	3,299.3	563.5	346.4	1,027.0	482.6	402.8	100.2	112.6	15.9	34.8	60.3	153.2
1946	7,489.7	3,142.1	773.2	1,317.3	1,194.7	436.6	221.4	130.9	25.1	67.6	92.5	88.3
1947	7,759.9	3,153.8	785.5	941.4	1,344.0	546.4	391.9	192.0	73.1	117.5	122.1	92.2
1948	9,429.6	3,608.0	975.0	839.8	1,627.1	528.0	724.6	404.9	83.5	245.2	232.4	161.0
1949	10,359.2	4,239.4	885.0	1,178.6	1,778.6	697.4	824.4	554.8	118.9	275.5	222.1	204.7
1950	14,501.1	6,741.0	1,208.5	1,142.3	1,930.0	648.4	1,179.8	655.2	124.3	336.3	261.3	273.9
1951 <sup>3</sup>	15,751.1	6,205.4	915.3	2,883.3	1,824.0	899.2	1,334.6	580.8	158.2	299.3	136.4	514.6
1952 <sup>3</sup>	16,774.9	6,667.5	979.2	2,558.1	2,267.6	1,144.8	1,471.6	443.7	233.2	317.5	153.4	538.3
1953 <sup>3</sup>	17,443.5	6,479.1	1,489.4	2,051.4	2,808.6	1,199.9	1,720.0	433.6	202.7	384.7	221.8	452.3
1954 <sup>3</sup>	19,770.2	8,518.3	1,815.5	1,274.1	3,094.6	1,046.9	2,062.7	518.8	249.2	486.3	251.6	452.1
FLOOR SPACE OF BUILDINGS												
1925	936,226	559,499	160,066	66,901	3,040	11,358	60,543	14,037	8,204	18,870	32,261	1,357
1929	791,099	387,670	161,264	105,524	450	5,353	58,639	19,496	12,626	12,818	21,457	5,802
1930	510,382	230,040	96,586	48,019	826	7,611	56,955	19,121	17,023	10,864	16,089	7,248
1933	147,053	72,783	22,551	18,985	170	1,491	5,523	5,598	9,474	2,633	5,606	2,239
1935	251,558	135,416	35,391	20,638	915	1,077	26,046	6,176	13,522	3,534	7,909	934
1937	446,084	235,515	62,283	60,816	1,301	5,197	36,489	11,411	12,464	5,730	13,544	1,334
1938	429,028	240,568	41,789	25,246	1,038	1,679	57,022	17,235	15,564	5,303	17,691	5,893
1939	513,380	332,656	48,798	44,268	603	1,319	34,418	11,593	15,121	6,213	12,371	6,020
1940	690,459	420,531	66,588	94,772	330	1,536	24,761	14,401	11,869	7,108	11,909	36,653
1941	956,719	502,676	105,851	187,923	11,647	2,104	24,499	15,394	14,453	8,567	14,761	68,844
1942	1,314,220	449,454	74,079	446,055	13,400	3,837	30,586	34,083	19,806	3,477	23,326	216,117
1943	448,244	200,647	22,171	105,822	1,851	1,090	11,969	19,947	4,754	1,001	12,862	66,130
1944	234,549	73,955	12,490	84,356	1,290	3,748	9,797	7,637	1,999	1,420	5,096	32,769
1945	412,423	111,244	63,197	153,207	1,348	13,701	12,453	11,331	1,858	4,569	8,097	26,423
1946	959,610	516,256	118,563	235,238	919	10,537	25,883	15,245	2,211	8,404	11,292	15,060
1947	831,965	478,713	100,043	142,990	648	3,943	41,042	19,915	6,320	12,282	14,235	11,838
1948	850,651	464,256	100,602	109,693	243	1,046	72,345	35,487	6,184	21,162	21,972	17,664
1949	869,366	520,477	86,446	61,143	14	5,216	79,048	42,076	7,726	24,598	20,992	21,638
1950	1,313,879	828,140	122,430	114,860	(4)	2,407	110,554	44,526	9,456	29,371	24,219	27,922
1951	1,158,347	684,512	77,214	148,231	(4)	3,719	109,490	37,881	10,800	25,133	11,255	50,115
1952	1,166,947	723,793	82,072	114,823	(4)	2,235	106,717	26,177	14,698	22,295	11,723	62,421
1953	1,180,336	689,107	122,904	111,687	(4)	1,600	124,245	22,868	13,066	27,714	17,318	49,843
1954	1,400,976	868,233	137,505	100,200	(4)	1,147	154,104	27,713	15,814	33,872	18,903	43,493

<sup>1</sup> Data for airports now included with "Public utilities"; prior to 1930, included with "Commercial."

<sup>2</sup> Data for pipe lines now included with "Public utilities"; prior to 1929, included with "Manufacturing buildings."

<sup>3</sup> Includes data for Atomic Energy Commission projects (\$980,000,000 in 1951, \$923,000,000 in 1952, \$478,856,000 in 1953, and \$34,988,000 in 1954) for which floor space data are excluded because of security restrictions.

<sup>4</sup> Data no longer reported.

Source: The F. W. Dodge Corporation, New York, N. Y.; Statistical and Research Division, historical record. Figures published currently in *Statistical Research Service*.



## No. 964.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES—VALUE, BY DISTRICTS AND STATES: 1947 TO 1954

[In thousands of dollars. See headnote, table 963]

DISTRICT AND STATE	1947	1948	1949	1950	1951	1952	1953	1954
<b>Total (37 States).....</b>	<b>7,759,868</b>	<b>9,429,618</b>	<b>10,359,250</b>	<b>14,501,055</b>	<b>15,751,131</b>	<b>16,774,936</b>	<b>17,443,463</b>	<b>19,770,207</b>
<b>New England.....</b>	<b>526,097</b>	<b>605,599</b>	<b>643,220</b>	<b>959,993</b>	<b>1,015,919</b>	<b>1,016,130</b>	<b>1,114,205</b>	<b>1,419,422</b>
Connecticut.....	167,034	183,686	192,274	289,850	302,888	327,848	358,585	473,221
Maine.....	24,729	25,974	29,705	39,599	65,571	65,339	63,897	108,549
Massachusetts.....	264,260	304,173	330,944	485,577	520,110	490,664	557,237	624,822
New Hampshire.....	23,131	27,845	25,492	33,879	30,964	34,125	37,110	94,680
Rhode Island.....	29,868	45,983	46,379	90,192	77,721	81,573	75,814	78,271
Vermont.....	17,075	17,938	18,426	20,896	18,665	16,581	21,562	39,879
<b>Metrop. N. Y. and No. N. J. ....</b>	<b>968,350</b>	<b>1,111,608</b>	<b>1,440,153</b>	<b>1,867,383</b>	<b>1,665,377</b>	<b>1,919,037</b>	<b>2,122,018</b>	<b>2,338,510</b>
Northern New Jersey.....	299,750	346,460	332,476	607,893	533,746	536,820	605,075	691,642
Metropolitan New York <sup>1</sup> .....	668,600	765,148	1,107,677	1,259,490	1,131,631	1,382,217	1,516,943	1,646,868
<b>Upstate New York<sup>2</sup>.....</b>	<b>253,333</b>	<b>383,280</b>	<b>428,937</b>	<b>507,194</b>	<b>521,430</b>	<b>590,140</b>	<b>659,253</b>	<b>616,100</b>
<b>Middle Atlantic.....</b>	<b>963,233</b>	<b>1,227,366</b>	<b>1,358,431</b>	<b>1,852,488</b>	<b>1,887,144</b>	<b>1,903,376</b>	<b>2,045,305</b>	<b>2,577,909</b>
Delaware.....	25,231	57,226	51,932	62,418	72,427	88,555	77,364	85,418
District of Columbia.....	78,948	71,980	128,777	96,514	66,861	73,087	93,241	101,383
Maryland.....	270,502	326,085	371,813	536,264	490,757	416,612	484,161	610,073
Southern New Jersey.....	54,809	65,213	75,531	139,878	142,712	153,960	188,814	195,305
Eastern Pennsylvania.....	342,441	597,304	472,122	624,747	645,342	735,883	759,352	1,043,103
Virginia.....	191,302	199,558	258,256	392,667	469,045	435,279	442,373	542,627
<b>Southeast.....</b>	<b>939,611</b>	<b>1,115,920</b>	<b>1,232,589</b>	<b>1,769,169</b>	<b>2,433,056</b>	<b>2,539,321</b>	<b>1,918,609</b>	<b>2,217,760</b>
Alabama.....	118,908	128,234	176,354	226,588	223,423	213,685	198,765	239,611
Florida.....	344,728	392,092	361,983	531,938	598,425	654,891	709,219	854,120
Georgia.....	149,219	181,531	215,067	296,170	318,082	391,103	341,787	401,046
North Carolina.....	161,038	188,367	193,873	287,820	304,000	325,567	253,963	267,840
South Carolina.....	76,651	88,581	101,267	134,229	762,486	169,639	169,276	178,609
Eastern Tennessee.....	89,067	137,115	184,045	292,424	226,640	784,436	245,599	276,534
<b>Pittsburgh.....</b>	<b>278,969</b>	<b>358,806</b>	<b>391,058</b>	<b>608,846</b>	<b>489,269</b>	<b>451,729</b>	<b>565,604</b>	<b>588,978</b>
Western Pennsylvania.....	209,821	256,578	319,132	512,988	386,421	340,750	403,649	441,753
West Virginia.....	69,148	102,228	71,926	95,858	102,848	110,979	161,955	147,225
<b>Cleveland (North and East Ohio).....</b>	<b>383,979</b>	<b>466,597</b>	<b>499,263</b>	<b>709,362</b>	<b>718,541</b>	<b>785,984</b>	<b>1,806,431</b>	<b>1,200,675</b>
<b>Cincinnati.....</b>	<b>243,670</b>	<b>255,387</b>	<b>310,462</b>	<b>460,005</b>	<b>957,554</b>	<b>1,051,341</b>	<b>680,147</b>	<b>777,551</b>
Kentucky.....	115,807	119,747	156,016	191,187	595,185	761,750	285,762	343,289
Southwest Ohio.....	127,863	135,640	154,446	268,819	362,369	289,591	394,385	434,262
<b>Southern Michigan.....</b>	<b>412,591</b>	<b>478,770</b>	<b>542,129</b>	<b>820,368</b>	<b>838,291</b>	<b>777,319</b>	<b>852,496</b>	<b>1,161,057</b>
<b>Chicago.....</b>	<b>889,136</b>	<b>1,194,665</b>	<b>1,139,760</b>	<b>1,656,813</b>	<b>1,692,811</b>	<b>1,675,130</b>	<b>1,845,131</b>	<b>2,457,006</b>
Northern Illinois.....	408,970	557,828	504,151	755,538	749,282	767,536	896,914	1,110,173
Indiana.....	198,233	244,090	236,055	389,153	464,319	432,342	438,071	645,543
Iowa.....	95,186	156,793	150,225	193,960	168,045	152,371	141,701	189,724
Northern Michigan.....	9,228	19,545	17,779	17,267	14,851	13,125	18,725	41,285
Southeast Wisconsin.....	177,517	216,409	231,550	300,895	296,314	309,756	349,720	470,281
<b>St. Louis.....</b>	<b>463,972</b>	<b>500,581</b>	<b>512,815</b>	<b>683,663</b>	<b>699,449</b>	<b>820,591</b>	<b>786,730</b>	<b>825,936</b>
Arkansas.....	108,283	105,623	101,010	126,076	107,394	149,244	89,260	147,006
Southern Illinois.....	154,580	145,805	139,903	174,289	231,960	276,708	259,022	220,011
Eastern Missouri.....	131,466	167,734	191,626	279,144	256,113	262,171	314,868	360,062
Western Tennessee.....	69,643	81,419	80,276	104,154	103,982	132,468	123,580	98,857
<b>New Orleans.....</b>	<b>231,356</b>	<b>271,939</b>	<b>315,887</b>	<b>414,673</b>	<b>395,388</b>	<b>598,151</b>	<b>594,304</b>	<b>563,562</b>
Louisiana.....	151,823	199,217	227,495	311,198	281,231	477,640	462,487	437,838
Mississippi.....	79,533	72,722	88,392	103,475	114,157	120,511	131,817	125,724
<b>Minneapolis.....</b>	<b>241,288</b>	<b>299,249</b>	<b>392,873</b>	<b>457,666</b>	<b>482,812</b>	<b>453,108</b>	<b>547,419</b>	<b>609,888</b>
Minnesota.....	150,349	182,226	207,009	301,443	307,131	288,731	347,666	445,680
North Dakota.....	37,487	45,685	84,745	62,790	40,078	70,189	105,563	59,785
South Dakota.....	30,298	39,529	70,256	62,002	100,317	61,951	68,593	68,165
Northwest Wisconsin.....	23,154	31,809	30,863	31,431	35,286	32,237	25,597	36,258
<b>Kansas City.....</b>	<b>340,128</b>	<b>443,687</b>	<b>475,273</b>	<b>661,929</b>	<b>722,275</b>	<b>857,450</b>	<b>725,047</b>	<b>1,081,513</b>
Kansas.....	118,475	122,978	152,524	213,574	252,794	268,208	229,087	394,453
Western Missouri.....	53,917	81,051	86,556	89,321	115,204	178,935	143,830	194,339
Nebraska.....	64,368	90,679	73,507	106,071	111,990	136,769	121,970	182,989
Oklahoma.....	103,368	139,979	162,586	252,963	242,287	273,538	230,160	309,732
<b>Texas.....</b>	<b>624,155</b>	<b>716,164</b>	<b>676,400</b>	<b>1,071,502</b>	<b>1,231,815</b>	<b>1,336,129</b>	<b>1,180,764</b>	<b>1,334,340</b>
<b>Totals for States in more than one district:</b>								
Illinois.....	563,550	703,633	644,054	929,827	981,242	1,044,244	1,155,936	1,330,184
Michigan.....	421,819	498,315	559,908	837,635	853,142	790,444	871,221	1,202,342
Missouri.....	185,383	248,785	278,282	368,465	371,317	441,106	458,698	554,401
New Jersey.....	354,559	411,673	408,007	747,771	676,458	690,780	793,889	886,947
New York.....	921,933	1,148,428	1,536,614	1,766,684	1,653,061	1,972,357	2,176,196	2,262,968
Ohio.....	511,842	602,237	653,709	978,181	1,080,910	1,075,575	2,200,816	1,634,937
Pennsylvania.....	552,262	763,882	791,251	1,137,735	1,031,763	1,076,633	1,163,001	1,484,856
Tennessee.....	158,710	218,534	264,324	396,578	330,622	916,904	369,179	375,391
Wisconsin.....	200,671	248,218	262,413	332,326	331,600	341,993	375,317	506,539

<sup>1</sup> Includes 5 boroughs, Nassau, Orange, Putnam, Rockland, Suffolk, and Westchester Counties.<sup>2</sup> All counties north of Orange, Putnam, and Rockland.Source: The F. W. Dodge Corporation, New York, N. Y.; figures published currently in *Statistical Research Service*.

## No. 965.—CONSTRUCTION CONTRACTS AWARDED—INDEXES OF VALUE: 1920 TO 1954

[1947-49=100. Indexes are derived from monthly figures of construction contracts awarded reported by F. W. Dodge Corporation. Reports covered 37 States beginning with May 1924 and a varying number for earlier years. In order to obtain comparable figures from 1919 to date, total value of construction contracts awarded in 37 States was estimated for January 1919 through April 1924. Seasonal adjustments computed separately for "residential" and "all other" types of construction and the two series combined. Indexes based on a 3-month moving average, centered at middle month. More detailed description of indexes obtainable from the Division of Research and Statistics, Board of Governors of the Federal Reserve System]

YEAR	Total	Resi- den- tial	All other	YEAR	Total	Resi- den- tial	All other	YEAR AND MONTH	Total	Resi- den- tial	All other
1920.....	34	18	45	1939.....	39	37	40	1954			
1924.....	51	57	46	1940.....	44	43	44	January.....	195	185	202
1925.....	66	75	59	1941.....	66	54	74	February.....	196	201	192
1926.....	69	73	67	1942.....	89	49	116	March.....	191	205	182
1927.....	69	71	68	1943.....	37	24	45	April.....	196	213	184
1928.....	73	76	70	1944.....	22	10	30	May.....	193	216	178
1929.....	63	52	70	1945.....	36	16	50	June.....	207	227	193
1930.....	49	30	62	1946.....	82	87	79	July.....	206	233	188
1931.....	34	22	41	1947.....	84	86	83	August.....	218	244	202
1932.....	15	8	20	1948.....	102	98	105	September.....	231	253	217
1933.....	14	7	18	1949.....	113	116	111	October.....	241	263	226
1934.....	17	7	24	1950.....	159	185	142	November.....	255	264	250
1935.....	20	13	25	1951.....	171	170	172	December.....	259	277	248
1936.....	30	22	35	1952.....	183	183	183				
1937.....	32	25	36	1953.....	192	178	201				
1938.....	35	27	40	1954.....	216	232	204				

Source: Board of Governors of the Federal Reserve System; published currently in *Federal Reserve Bulletin*.

## No. 966.—ENGINEERING CONSTRUCTION CONTRACTS AWARDED AND BACKLOG OF PROPOSED CONSTRUCTION—VOLUME, BY TYPE: 1930 TO 1954

[In millions of dollars. Covers continental U. S. construction projects of following minimum costs: For 1935, waterworks, excavation, drainage, and irrigation, \$10,500; other public works, \$17,500; industrial buildings, \$28,500; other buildings, \$105,000. For 1930 and 1938-45, minimums used were \$15,000, \$25,000, \$40,000, and \$150,000. For 1946-47, these minimums were raised to \$22,500, \$40,000, \$55,000, and \$205,000, respectively, to account for rise in construction costs. For 1948-50, minimums used were: \$28,000, \$50,000, \$68,000, and \$250,000. For 1951-54, minimums used were: \$34,000, \$60,000, \$82,000, and \$300,000]

YEAR	Total	PUBLIC WORKS						PRIVATE BUILDINGS		Un- classi- fied
		Water- works	Sewer- age	Bridges <sup>1</sup>	Earth- work, irr., drain.	Streets, roads	Build- ings	Indus- trial	Com- mercial	
CONTRACTS AWARDED										
1930-----	3, 173	49	83	131	77	585	356	331	1, 034	528
1935-----	1, 590	81	100	98	259	325	298	172	109	148
1938-----	2, 792	131	136	135	268	638	503	152	550	279
1939-----	3, 003	163	160	151	233	644	593	283	388	390
1940-----	3, 987	70	91	120	234	678	1, 196	594	400	603
1941-----	5, 869	77	89	112	245	583	2, 786	496	486	996
1942-----	<sup>2</sup> 9, 306	151	118	50	251	531	5, 678	200	292	2, 034
1943-----	<sup>3</sup> 3, 062	46	41	26	47	227	1, 419	167	231	858
1944-----	1, 730	33	32	17	64	196	658	174	140	416
1945-----	2, 289	61	35	53	57	227	463	635	387	371
1946-----	5, 176	109	114	129	328	769	414	1, 113	1, 846	354
1947-----	5, 659	139	175	196	327	794	615	862	1, 898	652
1948-----	7, 219	209	228	303	519	996	1, 161	1, 096	1, 888	820
1949-----	8, 157	207	277	357	524	897	<sup>4</sup> 1, 736	950	2, 406	803
1950-----	13, 342	215	287	369	417	1, 268	<sup>4</sup> 3, 754	1, 683	4, 092	1, 256
1951-----	13, 605	209	335	316	505	1, 167	<sup>4</sup> 2, 701	4, 124	2, 632	1, 617
1952-----	15, 689	231	304	413	496	1, 397	<sup>4</sup> 4, 899	2, 722	3, 845	1, 382
1953-----	15, 171	247	431	752	374	1, 793	<sup>4</sup> 2, 112	3, 178	4, 621	1, 663
1954-----	14, 412	245	388	510	339	1, 919	<sup>4</sup> 2, 017	1, 876	5, 653	1, 465
BACKLOG OF PROPOSED PROJECTS (DEC. 31)										
1950-----	52, 113	1, 387	2, 182	1, 692	7, 282	4, 598	12, 050	5, 753	6, 963	10, 206
1951-----	62, 147	1, 432	2, 372	2, 030	7, 444	5, 129	13, 569	9, 400	7, 993	12, 777
1952-----	68, 728	1, 533	2, 762	2, 266	7, 983	5, 614	14, 737	10, 593	9, 439	13, 801
1953-----	74, 056	1, 582	2, 902	2, 366	8, 601	7, 315	14, 994	10, 716	11, 306	14, 274
1954-----	79, 702	1, 647	2, 916	2, 342	9, 334	8, 599	15, 111	11, 740	12, 947	15, 066

<sup>1</sup> Includes private; amount of contracts awarded in 1954, \$11,263,000. <sup>2</sup> \$1,300 million canceled by WPB.

<sup>3</sup> Add \$1,357 million for atomic bomb plants. <sup>4</sup> Includes contracts awarded for atomic energy plants as follows (in millions): 1949, \$247; 1950, \$2,020; 1951, \$123; 1952, \$2,329; 1953, \$72; 1954, \$19.

Source: Engineering News-Record, New York, N. Y.



**No. 967.—ENGINEERING CONSTRUCTION CONTRACTS AWARDED—VOLUME, BY TYPE,  
BY STATES: 1954**

[In thousands of dollars. Covers continental U. S. construction projects of following minimum costs: Waterworks, excavation, and irrigation, \$34,000; other public works, \$60,000; industrial buildings, \$82,000; other buildings, \$300,000]

STATE	Total	PUBLIC WORKS CONTRACTS						PRIVATE CON- TRACT BUILDINGS		Un- clas- sified
		Water- works	Sewer- age	Bridges <sup>1</sup>	Earth- work, irr., drain.	Streets, roads	Build- ings <sup>2</sup>	Indus- trial	Com- mer- cial	
<b>United States..</b>	<b>14,412,033</b>	<b>245,228</b>	<b>387,890</b>	<b>510,657</b>	<b>338,781</b>	<b>1,918,870</b>	<b>2,017,004</b>	<b>1,876,309</b>	<b>5,652,729</b>	<b>1,464,565</b>
Alabama.....	113,724	2,033	3,980	8,576	1,401	24,890	25,564	12,188	19,148	15,944
Arizona.....	31,724	180	337	487	3,418	8,720	5,045	5,277	3,575	4,676
Arkansas.....	92,680	562	2,604	1,606	17,040	17,117	4,990	6,798	11,068	30,895
California.....	1,025,653	32,001	45,585	27,277	42,978	118,342	229,627	133,732	333,816	62,295
Colorado.....	298,374	8,640	530	328	1,087	15,069	28,358	7,402	195,102	41,858
Connecticut.....	200,245	1,996	3,655	6,777	415	5,736	47,000	37,825	92,903	3,938
Delaware.....	90,023	-----	2,244	1,454	561	4,761	7,544	10,414	50,343	12,702
Dist. of Columbia.....	105,238	183	2,547	606	425	8,083	27,563	1,307	63,628	896
Florida.....	336,756	4,898	11,701	12,410	4,789	61,385	37,589	29,164	118,183	56,637
Georgia.....	223,377	4,767	2,868	21,006	1,783	36,809	74,158	24,911	43,351	13,724
Idaho.....	68,114	-----	68	2,684	3,220	19,097	9,335	-----	6,508	27,202
Illinois.....	777,098	8,250	15,228	30,331	5,357	81,934	70,561	82,036	444,681	38,720
Indiana.....	402,084	2,034	19,839	8,782	307	87,041	33,638	74,992	160,227	15,224
Iowa.....	113,191	1,045	5,414	13,399	10,321	41,361	10,309	12,682	13,134	5,526
Kansas.....	232,468	9,709	6,409	9,082	6,492	29,806	34,342	20,181	67,865	48,582
Kentucky.....	177,758	4,858	1,699	9,336	11,066	49,651	30,135	35,583	23,490	11,940
Louisiana.....	203,611	5,441	2,504	35,268	9,767	24,675	26,447	22,641	27,448	49,520
Maine.....	96,096	149	646	12,287	617	36,718	8,251	13,160	8,462	15,806
Maryland.....	365,569	10,285	8,588	12,753	725	51,158	64,143	28,312	177,506	12,099
Massachusetts.....	340,800	10,753	19,858	20,026	2,943	64,664	85,218	42,191	61,213	33,934
Michigan.....	666,179	6,006	13,754	17,468	2,203	44,661	111,519	98,670	358,418	13,480
Minnesota.....	221,437	2,378	8,876	3,705	2,266	41,065	35,162	55,907	31,503	40,575
Mississippi.....	67,212	1,756	2,187	496	2,516	22,722	9,140	3,762	8,752	15,881
Missouri.....	406,522	10,777	7,826	15,244	18,807	35,066	49,605	49,935	188,121	31,141
Montana.....	40,040	1,504	233	923	961	15,226	7,143	-----	2,716	11,334
Nebraska.....	100,341	5,257	1,337	3,790	5,808	17,624	15,383	13,256	12,508	25,378
Nevada.....	32,625	1,810	732	-----	174	8,327	2,994	5,700	7,680	5,208
New Hampshire.....	50,418	526	-----	2,834	34	8,658	2,669	1,008	3,726	30,963
New Jersey.....	531,239	1,144	6,118	40,663	2,684	51,953	33,457	140,563	236,105	18,552
New Mexico.....	88,330	441	-----	1,873	3,066	19,365	17,406	1,220	6,132	38,827
New York.....	1,557,745	6,395	35,756	49,183	8,023	213,393	242,368	55,227	824,842	122,558
North Carolina.....	124,365	6,048	4,680	10,494	614	31,133	22,752	23,560	12,121	12,963
North Dakota.....	41,841	1,628	543	1,692	965	11,764	1,852	224	2,453	20,720
Ohio.....	722,539	21,554	24,172	14,765	1,945	137,319	56,808	134,887	310,722	20,367
Oklahoma.....	173,361	5,270	1,900	5,995	2,696	32,066	10,811	44,583	38,952	31,088
Oregon.....	178,040	483	1,912	7,489	65,794	28,730	15,828	3,652	20,710	33,442
Pennsylvania.....	1,194,064	11,082	33,320	35,803	4,080	120,421	126,363	129,900	718,015	15,080
Rhode Island.....	34,763	1,178	2,748	4,197	100	2,738	11,060	655	6,286	5,801
South Carolina.....	85,233	1,802	1,118	2,950	571	13,361	24,842	18,271	8,089	14,229
South Dakota.....	59,454	85	620	2,276	12,561	13,622	2,005	1,580	931	25,774
Tennessee.....	155,904	4,386	9,336	3,290	15,744	27,383	39,235	11,454	26,768	18,308
Texas.....	1,507,315	36,366	38,683	14,995	15,705	122,194	142,404	271,557	634,219	231,192
Utah.....	78,416	1,088	7,194	1,065	8,645	10,370	10,957	6,827	3,562	28,708
Vermont.....	11,556	175	246	945	-----	5,369	3,082	864	300	575
Virginia.....	320,693	4,828	10,902	17,942	3,638	15,989	53,602	59,978	115,142	38,672
Washington.....	297,828	1,990	3,776	8,952	26,447	33,996	44,413	40,504	65,150	72,600
West Virginia.....	83,751	86	2,326	2,953	417	6,460	12,291	42,895	9,363	6,960
Wisconsin.....	226,657	997	11,042	3,617	376	32,107	45,133	52,284	77,145	3,956
Wyoming.....	59,582	404	249	583	7,229	8,762	6,903	6,690	647	28,115

<sup>1</sup> Includes bridges under private contracts amounting to \$11,263,000.

<sup>2</sup> Includes \$19,000,000 in contracts awarded for atomic energy plants.

Source: Engineering News-Record, New York, N. Y.

**No. 968.—BUILDING CONSTRUCTION IN CITIES OF 50,000 OR MORE INHABITANTS—  
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1950  
TO 1954**

[Valuation figures are derived from estimates of construction costs made by prospective builders when applying for permits to build and value of contracts awarded by Federal Government. No land costs are included. For type of building covered, see table 957. Cities shown had a population of 50,000 or more in 1950]

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1950	1951	1952	1953	1954 <sup>1</sup>	1950	1951	1952	1953	1954 <sup>1</sup>
Akron, Ohio.....	33,343	28,382	40,634	36,384	30,900	2,041	1,377	1,468	1,293	1,249
Alameda, Calif.....	2,458	7,092	6,829	3,218	2,441	103	143	91	117	129
Albany, N. Y.....	11,063	7,547	9,896	5,799	6,248	949	347	608	184	199
Albuquerque, N. Mex.....	30,703	19,427	27,850	35,588	32,508	4,092	1,721	3,207	2,736	2,609
Alexandria, Va.....	6,516	7,545	10,165	21,469	11,858	595	536	712	1,660	683
Alhambra, Calif.....	7,772	5,783	5,787	4,647	4,321	671	515	322	438	350
Allentown, Pa.....	11,267	8,858	9,282	11,092	9,176	486	468	629	791	524
Altos, Pa.....	3,044	3,386	3,347	1,841	1,895	117	212	99	107	75
Amarillo, Tex.....	26,082	21,252	24,248	18,884	19,830	2,350	2,477	2,893	1,411	1,058
Asheville, N. C.....	4,602	7,699	3,554	3,473	3,752	447	430	190	182	205
Atlanta, Ga.....	48,569	35,678	41,188	79,500	92,310	3,773	2,352	2,851	3,785	4,410
Atlantic City, N. J.....	8,015	3,538	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	981	146	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Augusta, Ga.....	4,658	5,773	6,270	17,193	4,221	243	559	278	117	211
Aurora, Ill.....	5,957	5,636	4,740	3,006	4,931	406	246	191	190	316
Austin, Tex.....	39,622	28,913	27,898	33,445	45,146	2,837	1,808	1,643	1,316	1,839
Baltimore, Md.....	91,430	83,241	58,710	82,443	75,022	7,918	5,789	3,917	4,706	3,709
Baton Rouge, La.....	18,695	10,960	10,584	16,048	29,735	1,807	897	707	1,179	1,709
Bay City, Mich.....	3,999	3,583	2,958	3,890	3,007	289	226	173	233	186
Bayonne, N. J.....	2,770	4,018	4,009	3,806	1,574	278	357	343	71	131
Beaumont, Tex.....	7,929	7,033	7,445	9,080	7,524	7,823	810	854	799	1,034
Berkeley, Calif.....	14,888	9,022	5,176	6,634	8,067	433	298	306	260	426
Berwyn, Ill.....	4,480	3,122	4,004	3,641	4,560	233	168	221	225	248
Bethlehem, Pa.....	13,594	7,800	7,276	10,060	9,124	1,066	463	767	794	675
Binghamton, N. Y.....	3,767	2,795	6,446	4,498	3,729	246	133	253	141	184
Birmingham, Ala.....	38,236	24,719	21,603	24,479	25,475	4,019	2,010	1,669	1,421	1,838
Boston, Mass. <sup>9</sup> .....	68,078	63,303	46,681	39,728	32,965	2,353	3,686	1,390	1,273	647
Bridgeport, Conn.....	16,710	5,483	16,584	14,275	7,761	1,301	303	1,587	1,227	492
Brockton, Mass.....	3,933	21,467	3,993	4,374	4,483	170	247	244	367	203
Buffalo, N. Y.....	20,810	22,091	21,749	23,345	20,737	1,355	872	1,087	619	1,066
Burbank, Calif.....	12,953	25,978	16,115	15,436	10,030	1,152	1,807	1,131	1,076	409
Cambridge, Mass.....	6,424	9,829	5,353	8,757	3,960	55	221	186	144	19
Camden, N. J.....	8,527	4,876	8,936	8,146	11,165	805	118	551	503	85
Canton, Ohio.....	7,886	6,623	8,775	10,260	5,809	517	499	332	292	263
Cedar Rapids, Iowa.....	12,062	8,313	6,610	9,345	12,292	859	664	555	589	733
Charleston, S. C.....	3,736	5,342	9,123	5,237	2,645	135	306	125	134	76
Charleston, W. Va.....	13,242	10,472	13,532	12,381	9,725	702	10,357	780	312	303
Charlotte, N. C.....	32,049	20,586	20,578	30,920	23,181	3,136	1,276	1,489	1,199	1,115
Chattanooga, Tenn.....	12,336	10,148	10,403	9,353	11,489	982	782	314	323	636
Chester, Pa.....	5,545	5,444	1,045	3,084	2,206	418	481	22	126	254
Chicago, Ill.....	270,079	218,773	192,791	222,888	235,980	16,196	9,535	10,734	10,390	12,281
Cicero, Ill.....	11,584	5,261	( <sup>5</sup> )	( <sup>5</sup> )	12,986	11,139	173	( <sup>5</sup> )	( <sup>5</sup> )	12,228
Cincinnati, Ohio.....	61,471	68,236	47,223	58,605	41,318	2,349	3,793	1,331	1,613	1,540
Cleveland, Ohio.....	66,492	65,977	57,256	87,136	62,177	2,913	1,683	2,567	2,219	1,655
Cleveland Heights, Ohio.....	6,565	6,704	5,962	4,029	4,533	352	330	258	136	136
Clifton, N. J.....	10,958	8,897	10,277	10,629	10,975	1,802	468	716	509	7,603
Columbia, S. C.....	9,163	11,834	10,404	9,287	10,039	664	915	896	407	518
Columbus, Ga.....	11,207	8,830	6,567	6,362	5,971	1,040	639	267	247	212
Columbus, Ohio.....	48,733	32,486	38,261	43,938	44,263	4,549	1,811	1,712	2,113	1,866
Corpus Christi, Tex.....	29,919	17,352	21,691	30,999	34,253	2,661	1,270	1,783	2,385	3,012
Covington, Ky.....	634	748	( <sup>5</sup> )	2,768	892	22	36	( <sup>5</sup> )	30	17
Cranston, R. I.....	6,071	6,830	5,584	5,253	5,543	645	531	501	472	463
Dallas, Tex.....	132,949	96,978	102,408	107,281	140,391	12,197	7,315	6,972	6,397	10,267
Davenport, Iowa.....	10,542	9,739	10,644	7,312	9,563	547	436	472	328	379
Dayton, Ohio.....	21,825	24,843	19,870	20,100	19,953	1,743	1,141	730	1,008	894
Dearborn, Mich.....	44,098	36,067	27,707	30,605	67,243	2,486	1,292	898	1,047	574
Decatur, Ill.....	6,535	13,576	3,122	6,791	6,764	389	13,236	189	303	8,469
Denver, Colo.....	66,275	68,177	66,884	69,755	79,193	6,911	4,861	5,990	3,726	5,483
Des Moines, Iowa.....	24,877	15,973	19,432	23,418	22,228	1,842	921	753	872	1,022
Detroit, Mich.....	209,274	163,900	136,789	166,461	129,759	13,565	7,029	5,443	5,531	4,715
Duluth, Minn.....	7,562	6,414	6,166	6,048	7,712	651	530	298	348	267
Durham, N. C.....	17,090	9,137	9,291	7,104	5,917	617	267	812	266	284
East Chicago, Ind.....	2,966	5,797	3,413	16,211	4,487	132	47	203	102	124
East Orange, N. J.....	3,724	12,104	2,258	2,173	4,191	545	14,95	36	32	174
East St. Louis, Ill.....	3,437	15,179	7,322	3,244	3,571	264	13,438	576	188	231

For footnotes, see p. 779.



No. 968.—BUILDING CONSTRUCTION IN CITIES OF 50,000 OR MORE INHABITANTS—  
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1950 TO  
1954—Continued

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1950	1951	1952	1953	1954 <sup>1</sup>	1950	1951	1952	1953	1954 <sup>1</sup>
Elizabeth, N. J.	6,897	4,634	3,509	4,089	5,314	768	212	136	242	456
El Paso, Tex.	24,897	14,590	15,417	19,199	29,777	2,379	1,394	1,518	1,328	3,067
Erie, Pa.	15,306	16,812	11,312	11,516	15,240	1,325	1,629	699	628	686
Evanston, Ill.	14,150	8,946	7,627	14,917	13,046	580	339	298	486	499
Evansville, Ind.	5,638	3,834	5,954	10,883	6,415	717	476	527	640	653
Fall River, Mass.	3,861	5,908	1,776	2,749	2,082	289	447	99	104	108
Flint, Mich.	26,367	21,672	24,580	28,794	32,339	2,015	1,035	1,356	1,532	2,096
Fort Wayne, Ind.	13,726	17,357	11,027	12,214	18,803	1,231	782	580	606	518
Fort Worth, Tex.	49,161	42,690	45,704	41,941	46,922	7,131	4,496	6,186	3,453	3,867
Fresno, Calif.	15,688	17,362	13,304	17,576	22,368	1,757	1,313	856	1,230	2,012
Gadsden, Ala.	7,492	4,875	5,185	4,461	2,827	977	622	283	404	246
Galveston, Tex.	7,373	10,606	3,621	4,772	7,933	322	638	228	209	372
Gary, Ind.	17,131	12,884	19,454	24,415	25,806	1,503	983	1,443	1,873	1,738
Glendale, Calif.	13,200	10,022	11,353	14,595	18,475	1,170	700	1,236	1,458	1,105
Grand Rapids, Mich.	18,308	12,288	8,917	10,172	11,617	1,510	723	370	455	616
Green Bay, Wis.	18,000	6,659	6,014	8,281	10,329	525	420	355	388	468
Greensboro, N. C.	21,150	13,923	8,940	9,874	11,159	1,039	1,682	845	941	1,054
Greenville, S. C.	12,077	9,829	9,515	5,663	7,462	846	1,030	924	470	575
Hamilton, Ohio	5,114	5,399	4,846	8,032	6,024	475	411	314	299	316
Hammond, Ind.	12,664	18,809	11,101	14,816	14,520	1,129	916	836	955	896
Harrisburg, Pa.	8,423	9,584	5,678	3,916	15,863	392	742	165	128	123
Hartford, Conn.	20,159	14,382	8,822	20,350	12,477	882	842	484	365	538
Hoboken, N. J.	7,629	16,669	17,597	18,442	19,168	7,696	(20)	(20)	(20)	(20)
Holyoke, Mass.	5,356	3,845	2,696	3,109	1,646	321	115	130	108	85
Houston, Tex.	185,979	137,225	114,652	130,216	165,395	11,909	7,997	7,540	7,377	8,659
Huntington, W. Va.	7,778	9,980	7,220	9,025	7,364	625	490	314	250	325
Indianapolis, Ind.	36,403	43,677	36,049	44,005	40,577	3,556	1,350	1,938	1,764	1,621
Irvine, N. J.	2,614	1,227	3,180	1,376	3,512	174	95	178	45	36
Jackson, Mich.	4,164	1,798	2,888	2,045	2,917	152	113	75	65	96
Jackson, Miss.	14,939	12,341	13,779	13,737	20,470	1,557	691	563	741	1,006
Jacksonville, Fla.	21,701	17,390	16,373	24,695	36,340	2,033	1,254	929	1,116	1,010
Jersey City, N. J.	9,633	5,252	12,312	8,155	3,292	628	209	727	85	65
Johnstown, Pa.	6,158	4,751	1,883	1,447	5,173	282	361	55	30	22
Joliet, Ill.	4,607	4,582	7,412	5,375	7,971	278	244	404	335	448
Kalamazoo, Mich.	3,962	2,533	2,215	2,944	3,512	139	66	48	43	45
Kansas City, Kans.	7,046	6,612	10,871	7,490	12,494	554	481	379	289	312
Kansas City, Mo.	44,098	33,596	42,528	45,971	63,030	2,957	1,881	2,606	1,905	1,853
Kenosha, Wis.	8,270	8,325	8,611	5,367	5,107	566	473	473	275	292
Knoxville, Tenn.	19,954	7,982	11,238	6,600	12,226	1,790	440	370	384	483
Lakewood, Ohio	7,527	3,272	4,302	2,930	2,613	383	46	293	46	56
Lancaster, Pa.	3,353	2,692	6,294	3,194	5,824	192	100	79	142	203
Lansing, Mich.	13,314	14,680	12,523	16,523	10,517	757	486	477	513	429
Laredo, Tex.	1,108	794	2,127	1,115	742	287	195	378	278	189
Lawrence, Mass.	2,723	5,458	2,325	2,020	1,653	88	465	37	43	42
Lexington, Ky.	9,433	8,580	5,089	7,687	6,413	69	508	103	238	235
Lima, Ohio	3,289	2,648	2,529	5,588	2,413	208	164	125	158	157
Lincoln, Nebr.	13,010	13,081	12,350	9,375	15,127	1,233	1,302	1,415	1,006	1,650
Little Rock, Ark.	21,090	21,930	8,868	10,582	19,162	1,529	832	482	419	576
Long Beach, Calif.	38,579	37,737	42,907	48,872	38,627	1,810	1,433	2,641	3,061	2,487
Lorain, Ohio	5,408	4,866	4,554	7,099	8,684	585	366	363	710	428
Los Angeles, Calif.	407,293	274,724	371,272	423,617	409,961	30,798	18,627	28,070	29,439	28,148
Louisville, Ky.	23,179	32,539	16,541	18,490	27,672	2,310	2,174	1,229	994	1,339
Lowell, Mass.	2,008	5,617	1,401	1,602	3,750	136	387	99	116	156
Lubbock, Tex.	25,839	19,335	20,300	16,710	26,421	2,135	1,142	1,280	943	1,363
Lynn, Mass.	7,564	9,042	4,792	3,482	4,128	584	459	278	218	198
Macon, Ga.	4,174	2,530	2,720	8,494	4,780	341	256	281	261	308
Madison, Wis.	15,252	8,796	9,996	9,702	10,586	1,168	541	650	632	2,808
Malden, Mass.	2,236	1,060	4,799	2,653	1,767	165	80	328	64	93
Manchester, N. H.	8,341	6,557	5,542	7,772	7,735	449	555	414	401	413
McKeesport, Pa.	3,645	3,803	3,201	1,616	2,818	155	316	218	65	63
Medford, Mass.	2,986	3,701	1,649	2,486	1,461	157	270	143	93	81
Memphis, Tenn.	55,269	37,158	49,520	46,004	45,035	6,682	4,097	5,151	3,828	4,209
Miami, Fla.	47,037	36,946	37,425	42,547	46,754	4,664	2,911	3,025	3,855	3,485
Milwaukee, Wis.	87,360	79,091	68,740	80,543	104,218	6,322	3,887	3,675	4,368	5,246
Minneapolis, Minn.	45,868	45,642	32,728	36,821	36,894	2,900	1,679	1,246	1,229	1,283
Mobile, Ala.	12,932	7,296	11,001	6,528	13,702	1,743	639	1,112	544	1,046
Montgomery, Ala.	13,200	9,748	11,492	10,343	20,504	2,293	1,061	1,340	930	2,536
Mount Vernon, N. Y.	8,081	3,308	5,323	6,471	2,971	999	157	480	499	61
Muncie, Ind.	3,829	4,033	3,189	3,221	5,369	307	277	240	251	241

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No. 968.—BUILDING CONSTRUCTION IN CITIES OF 50,000 OR MORE INHABITANTS—  
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1950  
to 1954—Continued

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1950	1951	1952	1953	1954 <sup>1</sup>	1950	1951	1952	1953	1954 <sup>1</sup>
Nashville, Tenn.	16,391	42,793	18,267	12,488	8,994	1,024	2,017	1,514	408	385
Newark, N. J.	23,499	34,783	40,055	16,039	26,769	293	2,700	2,809	77	1,622
New Bedford, Mass.	4,217	6,948	2,002	4,119	4,729	387	534	168	389	133
New Britain, Conn.	4,658	9,788	10,373	4,146	4,819	645	518	836	411	416
New Haven, Conn.	14,051	13,821	8,691	14,097	12,494	1,093	469	164	528	237
New Orleans, La.	77,547	77,677	82,734	92,883	54,834	5,091	4,793	3,510	4,916	2,138
New Rochelle, N. Y.	8,534	6,247	9,773	17,122	12,697	879	444	595	1,315	713
Newton, Mass.	12,436	14,121	8,560	8,749	11,865	735	482	465	512	427
New York, N. Y.: <sup>21</sup>										
Bronx	45,730	71,175	84,243	62,106	48,157	3,689	6,599	5,237	4,232	3,097
Brooklyn	71,811	45,776	78,359	90,609	111,604	6,566	2,507	5,433	6,436	7,447
Manhattan	117,080	120,034	63,135	105,146	197,545	4,389	2,818	1,934	2,651	6,565
Queens	194,562	120,417	118,664	102,717	122,281	24,336	12,680	8,961	8,270	9,586
Richmond	4,574	2,632	11,477	6,388	4,915	428	183	971	607	334
Niagara Falls, N. Y.	10,255	8,602	10,292	8,398	11,436	913	627	583	492	487
Norfolk, Va.	20,012	29,640	31,807	24,011	13,285	2,132	2,153	2,920	1,356	578
Oakland, Calif.	31,227	31,946	27,564	26,400	23,647	1,491	1,301	1,241	1,149	1,220
Oak Park, Ill.	2,257	3,850	4,169	4,810	4,074	93	151	110	155	151
Ogden, Utah	8,842	7,568	4,952	7,384	8,601	802	445	409	293	535
Oklahoma City, Okla.	50,646	25,310	23,647	41,123	45,903	4,120	2,401	2,131	2,141	3,475
Omaha, Nebr.	28,014	15,298	21,111	16,047	25,554	2,533	1,068	1,467	915	1,489
Orlando, Fla.	12,155	12,862	11,970	10,604	16,154	1,383	899	1,020	743	1,185
Pasadena, Calif.	20,590	22,627	14,355	15,341	16,981	1,497	1,451	750	1,029	1,077
Passaic, N. J.	5,659	3,361	22 5,564	23 2,649	19 7,398	103	173	22 436	23 172	19 522
Paterson, N. J.	7,340	10,010	5,831	4,810	8,864	472	726	279	163	650
Pawtucket, R. I.	5,566	7,275	3,358	2,603	1,921	547	687	296	211	118
Peoria, Ill.	11,122	12,733	5,542	11,436	6,865	597	670	190	498	181
Philadelphia, Pa.	157,332	111,725	119,057	130,750	131,677	12,484	7,362	7,094	6,922	5,000
Phoenix, Ariz.	15,400	21,424	14,604	17,454	18,159	1,169	1,306	838	1,247	1,015
Pittsburgh, Pa.	105,335	48,332	29,501	33,582	34,452	3,320	2,813	1,150	1,352	1,589
Pittsfield, Mass.	5,332	6,893	7,826	5,175	7,205	299	333	266	210	287
Pontiac, Mich.	9,387	18,123	4,838	8,393	10,650	584	712	187	237	982
Port Arthur, Tex.	5,135	7,394	4,291	3,225	3,575	490	605	239	193	220
Portland, Maine	5,478	3,717	3,543	3,874	5,890	233	163	137	198	152
Portland, Oreg.	63,325	37,787	49,643	51,880	51,674	3,824	1,721	1,880	2,180	2,179
Portsmouth, Va.	4,124	13,222	4,392	12,805	19 7,875	419	734	312	333	19 762
Providence, R. I.	17,778	19,071	8,225	10,901	3,303	775	1,275	322	230	195
Pueblo, Colo.	7,008	8,230	13,109	8,475	8,081	919	723	1,208	605	667
Quincy, Mass.	3,957	6,869	3,215	3,731	4,856	311	403	237	248	196
Racine, Wis.	9,532	8,554	8,435	7,297	9,585	604	521	502	442	454
Raleigh, N. C.	16,594	12,753	17,779	22,616	14,645	683	486	741	744	648
Reading, Pa.	4,766	4,285	8,501	6,911	5,038	79	80	600	71	47
Richmond, Calif.	13 5,759	8,744	7,136	9,591	10,396	13 555	483	441	701	569
Richmond, Va.	32,949	31,333	21,488	20,191	32,952	1,336	1,723	677	650	737
Rosnoke, Va.	17,487	14,427	8,327	15,617	10,513	1,216	1,241	521	639	663
Rochester, N. Y.	16,406	21,153	16,974	22,521	17,105	1,040	1,058	668	403	359
Rockford, Ill.	11,686	9,621	11,161	11,080	14,776	891	843	804	657	861
Sacramento, Calif.	30,524	14,177	12,908	33,472	27,531	3,048	1,151	954	1,050	1,230
Saginaw, Mich.	6,108	5,549	7,167	6,106	10,043	575	433	375	304	641
St. Joseph, Mo.	1,727	1,486	1,780	3,291	3,459	212	172	176	217	295
St. Louis, Mo.	74,659	39,758	58,381	51,444	63,791	4,145	1,633	2,799	1,415	2,853
St. Paul, Minn.	47,424	36,345	34,283	42,024	38,108	3,216	1,797	1,275	1,211	1,216
St. Petersburg, Fla.	30,869	23,954	28,927	30,314	29,707	3,306	2,867	3,219	3,252	3,161
Salt Lake City, Utah	33,740	15,595	16,667	15,350	21,109	2,207	943	727	625	883
San Angelo, Tex.	10,678	9,050	5,590	5,473	7,954	1,333	605	467	378	490
San Antonio, Tex.	57,040	53,547	47,964	50,244	57,701	5,989	6,159	4,945	5,126	5,532
San Bernardino, Calif.	17,420	14,927	14,577	17,515	14,139	1,810	1,434	1,067	1,277	739
San Diego, Calif.	60,770	74,419	97,197	84,513	79,270	5,951	6,072	9,730	8,034	5,425
San Francisco, Calif.	85,104	56,417	51,005	59,802	62,928	3,785	1,692	1,708	1,666	2,743
San Jose, Calif.	20,937	22,155	12,227	16,328	19,796	2,034	1,005	955	1,232	1,517
Santa Monica, Calif.	10,276	11,481	9,448	10,291	14,057	869	718	902	1,052	1,017
Savannah, Ga.	7,867	6,047	6,033	5,624	9,464	1,095	755	904	627	669
Schenectady, N. Y.	4,149	5,822	4,699	5,482	4,180	229	223	203	166	119
Scranton, Pa.	5,761	2,709	2,937	9,851	2,713	324	68	225	323	76
Seattle, Wash.	57,742	54,136	61,181	55,258	77,544	3,415	2,249	2,548	2,136	3,632
Shreveport, La.	28,851	15,186	20,381	23,830	29,934	3,281	1,439	983	1,582	1,607
Sioux City, Iowa	10,814	6,449	4,910	4,810	5,825	763	505	443	461	578

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**No. 968.—BUILDING CONSTRUCTION IN CITIES OF 50,000 OR MORE INHABITANTS—  
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1950 TO  
1954—Continued**

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1950	1951	1952	1953	1954 <sup>1</sup>	1950	1951	1952	1953	1954 <sup>1</sup>
Sioux Falls, S. Dak. ....	9,511	5,226	6,641	6,332	10,786	858	257	283	348	571
Somerville, Mass. ....	3,313	909	592	3,927	2,596	249	6	5	220	2
South Bend, Ind. ....	21,247	17,985	16,715	17,625	15,666	2,012	1,087	1,024	1,117	689
South Gate, Calif. ....	4,361	4,584	5,205	7,231	7,173	491	262	480	671	443
Spokane, Wash. ....	33,473	21,903	21,773	28,763	40,799	2,435	1,429	1,351	1,603	2,322
Springfield, Ill. ....	6,754	4,859	4,644	5,976	13,065	369	317	280	176	229
Springfield, Mass. ....	13,346	21,587	10,251	11,072	14,660	1,192	887	864	1,229	1,282
Springfield, Mo. ....	20,358	6,781	7,551	6,890	7,390	763	531	560	384	461
Springfield, Ohio. ....	6,252	3,954	7,954	6,903	4,351	540	248	478	366	141
Stamford, Conn. ....	18,265	15,139	11,113	17,047	20,930	1,409	970	384	800	1,168
Stockton, Calif. ....	9,297	11,843	7,704	7,775	12,338	952	689	440	229	465
Syracuse, N. Y. ....	16,940	18,166	10,259	20,844	15,871	1,416	680	492	898	464
Tacoma, Wash. ....	23,331	18,159	13,132	13,841	14,849	1,750	1,103	582	508	723
Tampa, Fla. ....	15,658	12,973	13,987	25,137	40,701	1,548	1,102	1,189	1,929	3,414
Terre Haute, Ind. ....	2,293	3,968	3,011	2,201	3,725	147	177	130	84	72
Toledo, Ohio. ....	22,645	19,494	17,783	18,436	15,609	1,660	1,145	1,012	865	790
Topeka, Kans. ....	9,940	8,622	6,980	8,990	19,861	523	461	405	548	611
Trenton, N. J. ....	4,050	11,580	4,696	6,195	5,850	67	595	143	355	230
Troy, N. Y. ....	2,619	4,802	9,283	1,739	1,386	218	217	447	57	34
Tulsa, Okla. ....	18,173	12,742	12,758	20,638	19,641	1,430	748	761	769	1,094
Union City, N. J. ....	414	1,200	1,772	1,602	849	( <sup>20</sup> )	96	147	115	1
Utica, N. Y. ....	2,322	5,574	2,448	2,789	4,424	213	345	235	128	196
Waco, Tex. ....	19,310	14,898	13,241	11,253	14,562	1,577	1,261	1,120	584	778
Washington, D. C. ....	59,194	69,345	54,297	72,128	72,779	4,857	4,494	4,761	5,384	2,981
Waterbury, Conn. ....	9,529	7,436	12,065	6,663	6,947	743	549	830	431	539
Waterloo, Iowa. ....	9,186	7,882	6,372	8,331	12,371	636	415	315	292	649
Wheeling, W. Va. ....	4,432	3,029	3,383	3,633	5,284	130	88	83	114	130
Wichita, Kans. ....	28,204	30,436	31,911	39,364	41,322	3,853	2,984	3,633	2,355	3,841
Wichita Falls, Tex. ....	8,024	7,285	16,510	7,339	10,343	888	830	1,629	280	727
Wilkes-Barre, Pa. ....	3,715	1,779	2,632	2,391	3,174	47	19	22	21	23
Wilmington, Del. ....	8,620	8,968	12,816	11,578	7,677	276	260	581	151	49
Winston-Salem, N. C. ....	14,037	14,075	11,341	8,967	12,290	1,169	1,067	898	583	860
Woonsocket, R. I. ....	2,357	5,292	1,199	1,088	1,376	122	434	73	74	72
Worcester, Mass. ....	16,314	25,763	12,145	14,157	10,683	1,383	1,081	467	421	491
Yonkers, N. Y. ....	15,847	8,433	17,803	28,396	16,680	1,450	634	1,389	2,847	1,275
York, Pa. ....	2,728	3,311	4,471	3,927	3,890	77	59	283	157	138
Youngstown, Ohio. ....	11,372	11,135	15,158	20,418	15,945	1,068	570	658	700	951

<sup>1</sup> Preliminary.

<sup>2</sup> November data not available.

<sup>3</sup> December data not available.

<sup>4</sup> January data not available.

<sup>5</sup> Data not available.

<sup>6</sup> September-November data not available.

<sup>7</sup> September data not available.

<sup>8</sup> June data not available.

<sup>9</sup> Represents applications filed.

<sup>10</sup> September and October data not available.

<sup>11</sup> October data not available.

<sup>12</sup> March, and October-December data not available.

<sup>13</sup> February data not available.

<sup>14</sup> May data not available.

<sup>15</sup> July and October data not available.

<sup>16</sup> April, May, and October data not available.

<sup>17</sup> June and November data not available.

<sup>18</sup> February, April, and July data not available.

<sup>19</sup> April date not available.

<sup>20</sup> No new dwelling units.

<sup>21</sup> Represents construction actually started, based on inspection records.

<sup>22</sup> July and November data not available.

<sup>23</sup> July data not available.

Source: Department of Labor, Bureau of Labor Statistics.

## No. 969.—PUBLIC HOUSING UNITS COMPLETED FOR OCCUPANCY: 1935 TO 1954

[Covers programs administered by Housing and Home Finance Agency or Public Housing Administration]

YEAR	All public housing	LOW-RENT			War and defense housing	Veterans' re-use housing
		Total	U. S. Housing Act	All other <sup>1</sup>		
<b>Total</b> .....	<sup>2</sup> 1,377,961	<sup>2</sup> 372,714	<sup>3</sup> 342,351	<sup>2</sup> 30,363	<sup>4</sup> 739,595	265,652
1935.....	3,932	3,932		3,932		
1936.....	1,213	1,213		1,213		
1937.....	7,849	7,849		7,849		
1938.....	17,319	17,319		17,319		
1939.....	3,858	3,858	3,858			
1940.....	31,940	31,940	31,940			
1941.....	119,634	59,848	59,848		59,786	
1942.....	158,266	37,537	37,537		120,729	
1943.....	374,729	27,325	27,325		347,404	
1944.....	153,158	2,831	2,831		150,327	
1945.....	45,026	2,949	2,949		40,171	1,906
1946.....	134,726	1,804	1,804		4,051	128,871
1947.....	107,097	466	466			106,631
1948.....	30,054	1,336	1,336		<sup>5</sup> 1,550	27,168
1949.....	1,242	547	547			695
1950.....	1,582	1,201	1,201			381
1951.....	10,246	10,246	10,246			
1952.....	63,533	57,956	57,956		<sup>6</sup> 5,577	
1953.....	64,773	58,214	58,214		<sup>6</sup> 6,559	
1954.....	47,734	44,293	44,293		<sup>6</sup> 3,441	

<sup>1</sup> Includes PWA, subsistence homestead, and Greenbelt town projects.<sup>2</sup> Includes 50 PWA units completed in 1934.<sup>3</sup> Includes 60,489 units completed as war housing of which all but 2,185 units have been returned to low-rent use.<sup>4</sup> 19,985 permanent family war housing dwelling units have since been conveyed to local authorities for low-rent use under Public Law 475.<sup>5</sup> Units completed for emergency flood projects in Portland-Vancouver area.<sup>6</sup> Defense housing.

Source: Housing and Home Finance Agency, Public Housing Administration.

## No. 970.—DWELLING UNITS OWNED OR SUPERVISED BY THE PUBLIC HOUSING ADMINISTRATION, BY PROGRAM: 1954

[As of December 31. Excludes units which have been sold to mutual housing associations, limited dividend corporations (PWA), and homesteads associations on which PHA has mortgages for collection]

PROGRAM	TOTAL		Federally owned	Locally owned
	Number	Net increase since Dec. 31, 1953		
<b>Total</b> .....	605,918	-77,437	172,090	433,828
Active.....	592,264	-66,211	158,436	433,828
Veterans' re-use housing.....	8,396	-5,722	1,291	17,105
Defense housing.....	12,188	-968	12,188	
Public war housing (Lanham constructed).....	115,984	-59,931	115,984	
Low-rent housing.....	455,688	451	28,965	426,723
Under management.....	390,065	46,307	28,965	361,100
Under construction.....	33,412	-28,049		33,412
Not under construction.....	32,211	-17,807		32,211
Public Law 171.....	238,872	-1,815		238,872
Public Law 412.....	117,150	-194	6,295	110,855
Public Law 671.....	49,472	-44	3,331	46,141
PWA.....	21,571		10,569	11,002
Farm labor camps.....	9,038	-322	8,770	268
Public Law 475.....	19,585	2,826		19,585
Subsistence homesteads and Greenbelt towns.....	8	-41	8	
Inactive.....	13,654	-11,226	13,654	
Public war housing (Lanham constructed).....	12,133	-12,177	12,133	
Defense housing.....	1,521	951	1,521	

<sup>1</sup> This veterans' housing is so classified even though title or income rights may not be formally transferred.Source: Housing and Home Finance Agency, Public Housing Administration; *Annual Report*.



**No. 971.—ACTIVE PROJECTS AND DWELLING UNITS OWNED OR SUPERVISED BY THE PUBLIC HOUSING ADMINISTRATION, BY STATES AND OTHER AREAS: 1954**

[As of December 31. See headnote, table 970]

STATE OR OTHER AREA	TOTAL PROGRAM		LOW-RENT HOUSING <sup>1</sup>		WAR HOUSING		DEFENSE HOUSING		VETERANS' RE-USE HOUSING	
	Projects	Units	Projects	Units	Projects	Units	Projects	Units	Projects	Units
<b>Total</b> .....	<sup>2</sup> 2,676	<sup>2</sup> 592,264	2,194	455,688	367	115,984	66	12,188	46	8,396
Alabama.....	144	19,166	135	16,730	5	1,970	4	466	—	—
Arizona.....	26	3,312	18	2,752	4	260	4	300	—	—
Arkansas.....	26	2,469	26	2,469	—	—	—	—	—	—
California.....	264	72,424	158	29,900	84	38,248	12	2,128	10	2,148
Colorado.....	17	3,962	16	3,762	—	—	1	200	—	—
Connecticut.....	73	19,412	32	9,990	39	9,161	1	200	1	61
Delaware.....	5	1,002	4	760	1	242	—	—	—	—
Dist. of Columbia.....	21	6,480	19	6,055	2	425	—	—	—	—
Florida.....	98	16,884	84	15,204	9	1,120	4	510	1	50
Georgia.....	289	24,726	277	22,548	11	1,920	1	258	—	—
Idaho.....	6	895	4	420	—	—	2	475	—	—
Illinois.....	125	29,834	117	28,933	7	550	—	—	1	351
Indiana.....	42	7,545	26	4,900	12	2,134	—	—	4	511
Iowa.....	4	871	—	—	4	871	—	—	—	—
Kansas.....	8	5,328	—	—	5	4,903	3	425	—	—
Kentucky.....	50	9,286	49	9,262	—	—	—	—	1	24
Louisiana.....	64	13,687	61	13,185	2	255	1	247	—	—
Maine.....	11	1,971	3	286	6	1,360	2	325	—	—
Maryland.....	48	16,768	30	10,444	17	6,214	1	110	—	—
Massachusetts.....	63	19,282	51	16,957	10	2,213	—	—	2	112
Michigan.....	38	15,168	29	13,955	8	1,093	1	120	—	—
Minnesota.....	10	2,514	10	2,514	—	—	—	—	—	—
Mississippi.....	<sup>2</sup> 51	<sup>2</sup> 3,120	50	3,119	—	—	—	—	—	—
Missouri.....	12	9,997	10	8,889	1	49	1	1,059	—	—
Montana.....	8	697	8	697	—	—	—	—	—	—
Nebraska.....	6	1,778	6	1,778	—	—	—	—	—	—
Nevada.....	5	394	1	100	2	195	2	99	—	—
New Hampshire.....	6	1,511	4	626	2	885	—	—	—	—
New Jersey.....	<sup>2</sup> 103	<sup>2</sup> 23,613	93	22,643	3	690	—	—	6	275
New Mexico.....	2	148	2	148	—	—	—	—	—	—
New York.....	81	52,626	64	48,308	9	2,411	—	—	8	1,907
North Carolina.....	69	12,024	64	9,877	1	472	4	1,675	—	—
North Dakota.....	—	—	—	—	—	—	—	—	—	—
Ohio.....	79	27,431	46	19,106	25	6,119	5	1,300	3	906
Oklahoma.....	3	634	2	434	—	—	—	—	1	200
Oregon.....	15	1,266	13	1,081	2	185	—	—	—	—
Pennsylvania.....	156	41,447	121	31,865	35	9,582	—	—	—	—
Rhode Island.....	17	4,942	13	4,008	1	538	2	327	1	69
South Carolina.....	88	6,996	85	5,946	3	1,050	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—	—	—
Tennessee.....	<sup>2</sup> 88	<sup>2</sup> 15,719	86	15,667	1	50	—	—	—	—
Texas.....	227	30,613	213	28,729	8	1,018	6	866	—	—
Utah.....	7	2,083	—	—	7	2,083	—	—	—	—
Vermont.....	2	300	—	—	2	300	—	—	—	—
Virginia.....	60	24,611	36	9,509	17	14,264	7	778	—	—
Washington.....	43	10,725	28	7,737	12	2,626	2	320	1	42
West Virginia.....	15	2,151	14	2,113	—	—	—	—	1	38
Wisconsin.....	9	2,360	9	2,360	—	—	—	—	—	—
Wyoming.....	1	287	—	—	1	287	—	—	—	—
Alaska.....	13	566	4	325	9	241	—	—	5	1,702
Hawaii.....	11	3,111	6	1,409	—	—	—	—	—	—
Puerto Rico.....	64	17,652	64	17,652	—	—	—	—	—	—
Virgin Islands.....	3	476	3	476	—	—	—	—	—	—

<sup>1</sup> Includes Public Law 412, Public Law 671, PWA, Public Law 171, Public Law 475, and farm labor camp programs.

<sup>2</sup> Includes 3 projects and 8 units in the subsistence homesteads and Greenbelt towns program in Mississippi, New Jersey, and Tennessee, not shown separately by program.

Source: Housing and Home Finance Agency, Public Housing Administration; *Annual Report*.

**No. 972.—OCCUPIED DWELLING UNITS—TENURE, AND POPULATION PER DWELLING UNIT, BY COLOR OF OCCUPANTS, AND BY NONFARM AND FARM RESIDENCE: 1890 TO 1950**

[Minus sign (—) denotes decrease. See also *Historical Statistics*, series H 89-112]

COLOR OF OCCU- PANTS, RESI- DENCE, AND CENSUS YEAR	OCCUPIED DWELLING UNITS (OR FAMILIES) <sup>1</sup>						PERCENT INCREASE OVER PRECEDING CENSUS		Popula- tion per occupied dwelling unit (or family) <sup>2</sup>
	Total	Reporting tenure	Owner-occupied		Renter-occupied		Total occupied dwelling units (or families) <sup>1</sup>	Total popula- tion	
			Number	Per- cent	Number	Per- cent			
1890-----	12,690,152	12,690,152	6,066,417	47.8	6,623,735	52.2	-----	-----	5.0
1900-----	15,963,965	15,428,987	7,205,212	46.7	8,223,775	53.3	25.8	20.7	4.8
1910-----	20,255,555	19,781,606	9,083,711	45.9	10,697,895	54.1	26.9	21.0	4.5
1920-----	24,351,676	23,810,558	10,866,960	45.6	12,943,598	54.4	20.2	14.9	4.3
1930-----	29,904,663	29,321,891	14,002,074	47.8	15,319,817	52.2	22.8	16.1	4.1
1940-----	34,854,532	34,854,532	15,195,763	43.6	19,658,769	56.4	16.6	7.2	3.8
1950-----	42,826,281	42,826,281	23,559,966	55.0	19,266,315	45.0	22.9	14.5	3.5
COLOR OF OCCU- PANTS									
White									
1890-----	11,255,169	11,255,169	5,793,660	51.5	5,461,509	48.5	-----	-----	4.9
1900-----	14,063,791	13,659,106	6,788,069	49.7	6,871,037	50.3	25.0	21.2	4.8
1910-----	(3)	(3)	(3)	(3)	(3)	(3)	(3)	22.3	(3)
1920-----	21,825,654	21,379,163	10,286,267	48.1	11,092,896	51.9	(3)	16.0	4.3
1930-----	26,982,994	26,492,256	13,288,429	50.2	13,203,827	49.8	23.6	16.3	4.1
1940-----	31,561,126	31,561,126	14,418,092	45.7	17,143,034	54.3	17.0	7.2	3.7
1950-----	39,043,595	39,043,595	22,240,970	57.0	16,802,625	43.0	23.7	14.1	3.5
Nonwhite									
1890-----	1,434,983	1,434,983	272,757	19.0	1,162,226	81.0	-----	-----	5.5
1900-----	1,900,174	1,769,881	417,143	23.6	1,352,738	76.4	32.4	17.1	4.8
1910-----	(3)	(3)	(3)	(3)	(3)	(3)	(3)	11.5	(3)
1920-----	2,526,022	2,431,395	580,693	23.9	1,850,702	76.1	(3)	6.3	4.3
1930-----	2,921,669	2,829,635	713,645	25.2	2,115,990	74.8	15.7	14.7	4.3
1940-----	3,293,406	3,293,406	777,671	23.6	2,515,735	76.4	12.7	7.7	4.1
1950-----	3,782,686	3,782,686	1,318,996	34.9	2,463,690	65.1	14.9	17.1	4.2
RESIDENCE									
Nonfarm									
1890-----	7,922,973	7,922,973	2,923,671	36.9	4,999,302	63.1	-----	-----	(3)
1900-----	10,274,127	9,779,979	3,566,809	36.5	6,213,170	63.5	29.7	(3)	(3)
1910-----	14,131,945	13,672,044	5,245,380	38.4	8,426,664	61.6	37.5	(3)	(3)
1920-----	17,600,472	17,229,394	7,041,283	40.9	10,188,111	59.1	24.5	(3)	4.2
1930-----	23,300,026	22,917,072	10,549,972	46.0	12,367,100	54.0	32.4	25.0	4.0
1940-----	27,747,973	27,747,973	11,413,036	41.1	16,334,937	58.9	19.1	9.5	3.7
1950-----	37,105,259	37,105,259	19,801,646	53.4	17,303,613	46.6	33.7	25.8	3.4
Farm <sup>4</sup>									
1890-----	4,767,179	4,767,179	3,142,746	65.9	1,624,433	34.1	-----	-----	(3)
1900-----	5,689,838	5,649,008	3,638,403	64.4	2,010,605	35.6	19.4	(3)	(3)
1910-----	6,123,610	6,109,562	3,838,331	62.8	2,271,231	37.2	7.6	(3)	(3)
1920-----	6,751,204	6,581,164	3,825,677	58.1	2,755,487	41.9	10.2	(3)	4.7
1930-----	6,604,637	6,404,819	3,452,102	53.9	2,952,717	46.1	-2.2	-4.6	4.6
1940-----	7,106,559	7,106,559	3,782,727	53.2	3,323,832	46.8	7.6	0.2	4.3
1950-----	5,721,022	5,721,022	3,758,320	65.7	1,962,702	34.3	-19.5	-23.7	4.0

<sup>1</sup> "Occupied dwelling units" for 1940 and 1950 is not exactly same as "Families" for earlier years, but differences are so small as to be negligible. Count of families for 1900 and 1930 represents private families only; that for 1890, 1910, and 1920, includes small number of quasi-family groups which were counted as families in those years.

<sup>2</sup> Since population in private families was not tabulated separately for all years, population per occupied dwelling unit (or family) is based on total population (including population in quasi-households). See table 11, pp. 15, 16.

<sup>3</sup> Not available.

<sup>4</sup> For 1890 to 1920, "Farm" contains a small proportion of urban-farm families in addition to the rural-farm families. For changes in definition of "Farm," see "Farm and nonfarm residence," p. 2.

Source: Department of Commerce, Bureau of the Census, *U. S. Census of Housing: 1950*, Vol. I, Part 1;



No. 973.—DWELLING UNITS—OCCUPANCY, TENURE, AND RACE OF OCCUPANTS:  
1940 AND 1950

[In thousands of dwelling units]

OCCUPANCY, TENURE, AND RACE OF OCCUPANTS	1950								1940, TOTAL	
	Number				Percent distribution				Number	Percent
	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm		
All dwelling units.....	45,983	29,569	10,056	6,358	100.0	100.0	100.0	100.0	37,325	100.0
Urban-farm dwelling units.....	96	96			0.2	0.3			88	0.2
Occupied dwelling units.....	42,826	28,492	8,613	5,721	93.1	96.4	85.6	90.0	34,855	93.4
Owner occupied.....	23,560	14,377	5,425	3,758	51.2	48.6	53.9	59.1	15,196	40.7
White.....	22,241	13,567	5,135	3,539	48.4	45.9	51.1	55.7	14,418	38.6
Negro.....	1,252	787	265	199	2.7	2.7	2.6	3.1	720	1.9
Other races.....	67	22	25	20	0.1	0.1	0.2	0.3	58	0.2
Renter occupied.....	19,266	14,116	3,188	1,963	41.9	47.7	31.7	30.9	19,659	52.7
White.....	16,803	12,434	2,846	1,522	36.5	42.1	28.3	23.9	17,143	45.9
Negro.....	2,381	1,630	324	428	5.2	5.5	3.2	6.7	2,437	6.5
Other races.....	82	51	18	13	0.2	0.2	0.2	0.2	79	0.2
Nonresident dwelling units.....	127	56	28	44	0.3	0.2	0.3	0.7	106	0.3
Vacant dwelling units <sup>1</sup> .....	3,030	1,021	1,416	593	6.6	3.5	14.1	9.3	2,365	6.3
Nonseasonal not dilapidated, for rent or sale.....	732	493	146	93	1.6	1.7	1.5	1.5	(2)	(2)
For rent <sup>2</sup> .....	517	354	106	57	1.1	1.2	1.1	0.9	(2)	(2)
For sale only.....	215	138	40	36	0.5	0.5	0.4	0.6	(2)	(2)
Nonseasonal not dilapidated, not for rent or sale <sup>3</sup> .....	743	276	297	170	1.6	0.9	3.0	2.7	(2)	(2)
Nonseasonal dilapidated.....	505	103	183	219	1.1	0.3	1.8	3.4	(2)	(2)
Seasonal.....	1,050	150	790	111	2.3	0.5	7.9	1.7	678	1.8

<sup>1</sup> 1940 and 1950 data not strictly comparable. See text, p. 766.

<sup>2</sup> Not available.

<sup>3</sup> Includes those offered for rent or for sale.

<sup>4</sup> Includes units already rented or sold but not yet occupied, and units held off market for other reasons.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I, Part 1, and Sixteenth Census Reports, *Housing*, Vol. II, Part 1.

No. 974.—DWELLING UNITS FOR GEOGRAPHIC DIVISIONS: 1950

REGION AND DIVISION	TOTAL		URBAN		RURAL NONFARM		RURAL FARM	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States.....	45,983,398	100.0	29,569,073	100.0	10,056,382	100.0	6,357,943	100.0
Northeast:								
New England.....	2,879,409	6.3	2,080,539	7.0	676,930	6.7	121,940	1.9
Middle Atlantic.....	9,171,773	19.9	7,271,291	24.6	1,498,371	14.9	402,111	6.3
North Central:								
East North Central.....	9,334,211	20.3	6,399,303	21.6	1,869,849	18.6	1,065,059	16.8
West North Central.....	4,411,435	9.6	2,274,630	7.7	1,050,053	10.4	1,086,752	17.1
South:								
South Atlantic.....	5,996,267	13.0	3,116,394	10.5	1,758,337	17.5	1,121,536	17.6
East South Central.....	3,195,164	6.9	1,330,434	4.5	851,620	8.5	1,013,110	15.9
West South Central.....	4,462,354	9.7	2,516,479	8.5	1,008,094	10.0	937,781	14.7
West:								
Mountain.....	1,608,421	3.5	884,417	3.0	468,824	4.7	255,180	4.0
Pacific.....	4,924,364	10.7	3,695,586	12.5	874,304	8.7	354,474	5.6

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I, Part 1.

## No. 975.—DWELLING UNITS—SELECTED CHARACTERISTICS, BY STATES: 1950

DIVISION AND STATE	TOTAL DWELLING UNITS			TOTAL DWELLING UNITS, 1950				
	1940	1950	Percent increase, 1940 to 1950	Median number of rooms	Percent of dwelling units			
					In one-dwelling-unit detached structures <sup>1</sup>	In structures built in 1940 or later <sup>2</sup>	With hot running water, private toilet and bath, not dilapidated	Vacant non-seasonal not dilapidated, for rent or sale
United States.....	37,325,470	45,983,398	23.2	4.6	64.0	20.7	63.1	1.6
New England.....	2,438,329	2,879,409	18.1	5.1	47.4	11.8	73.9	1.2
Maine.....	260,659	311,441	19.5	5.3	67.9	12.0	52.4	1.4
New Hampshire.....	158,044	190,563	20.6	5.2	61.6	11.8	64.8	1.6
Vermont.....	106,362	121,911	14.6	5.8	66.1	9.0	65.3	1.6
Massachusetts.....	1,221,252	1,400,185	14.7	5.2	40.6	9.5	79.2	1.0
Rhode Island.....	203,469	244,147	20.0	4.9	40.3	11.9	62.2	1.4
Connecticut.....	488,543	611,162	25.1	5.0	47.2	17.3	81.8	1.1
Middle Atlantic.....	7,874,403	9,171,773	16.5	4.9	39.1	11.9	79.2	1.1
New York.....	4,032,460	4,633,806	14.9	4.5	32.7	11.1	83.5	1.2
New Jersey.....	1,223,587	1,501,473	22.7	5.0	46.7	15.2	83.5	1.2
Pennsylvania.....	2,618,056	3,036,494	16.0	5.5	45.0	11.6	71.6	0.9
E. N. Central.....	7,681,568	9,334,211	21.5	5.0	64.9	16.3	66.1	1.0
Ohio.....	1,977,693	2,402,565	21.5	5.2	66.3	15.8	69.8	0.9
Indiana.....	1,005,952	1,232,314	22.5	4.8	75.9	17.2	56.2	1.1
Illinois.....	2,280,826	2,671,647	17.1	4.7	52.2	12.3	67.0	0.9
Michigan.....	1,519,378	1,971,842	29.8	5.1	71.9	22.6	70.4	1.3
Wisconsin.....	897,719	1,055,843	17.6	5.2	68.1	15.1	58.5	1.0
W. N. Central.....	3,915,903	4,411,435	12.7	4.8	75.4	14.0	50.9	1.1
Minnesota.....	773,042	918,434	18.8	4.9	73.0	16.4	52.7	1.0
Iowa.....	726,654	811,912	11.7	5.3	80.4	11.2	51.4	0.8
Missouri.....	1,140,493	1,268,354	11.2	4.3	67.8	14.1	48.5	1.1
North Dakota.....	162,881	175,769	7.9	4.8	82.6	14.2	33.6	1.1
South Dakota.....	179,744	194,573	8.3	5.0	82.8	14.2	38.0	1.0
Nebraska.....	387,368	417,245	7.7	5.0	80.3	11.5	56.5	1.1
Kansas.....	545,721	625,148	14.6	4.8	80.1	15.8	57.8	1.9
South Atlantic.....	4,547,316	5,996,267	31.9	4.5	70.7	27.4	48.8	2.1
Delaware.....	75,567	97,013	28.4	5.6	53.8	21.9	69.6	1.4
Maryland.....	500,156	689,116	37.8	5.1	46.1	26.1	71.3	1.9
Dist. of Columbia.....	185,128	229,738	24.1	4.1	13.2	22.3	87.0	1.2
Virginia.....	659,787	901,483	36.6	4.7	71.5	29.0	49.7	1.7
West Virginia.....	459,725	544,075	18.3	4.6	79.4	19.1	44.6	1.2
North Carolina.....	820,888	1,058,367	28.9	4.5	83.3	26.0	34.5	1.4
South Carolina.....	458,899	557,672	21.5	4.3	82.1	25.3	34.3	1.8
Georgia.....	796,715	966,672	21.3	4.2	75.3	24.6	35.8	1.6
Florida.....	590,451	952,131	61.3	4.2	73.2	39.2	60.1	5.1
E. S. Central.....	2,736,525	3,195,164	16.8	4.2	80.1	24.6	32.7	1.4
Kentucky.....	729,206	820,141	12.5	4.3	78.7	18.7	35.5	1.1
Tennessee.....	742,030	921,837	24.2	4.2	78.6	26.7	36.0	1.5
Alabama.....	708,043	843,857	19.2	4.1	79.3	27.3	31.6	1.6
Mississippi.....	557,246	609,329	9.3	4.0	85.2	25.8	25.2	1.5
W. S. Central.....	3,592,215	4,462,354	24.2	4.1	80.0	31.0	47.6	2.2
Arkansas.....	520,613	575,163	10.5	4.0	86.5	26.9	28.7	1.8
Louisiana.....	619,233	777,672	25.6	4.1	73.1	30.0	40.5	1.7
Oklahoma.....	647,485	715,691	10.5	4.2	83.6	24.0	51.7	2.2
Texas.....	1,804,884	2,393,828	32.6	4.1	79.6	34.4	53.2	2.5
Mountain.....	1,238,588	1,608,421	29.9	4.0	75.9	39.0	62.3	2.7
Montana.....	177,443	194,256	9.5	4.0	78.0	19.1	56.3	1.7
Idaho.....	152,835	188,328	23.2	4.1	83.1	27.5	61.6	2.4
Wyoming.....	76,868	92,086	19.8	3.9	73.3	25.7	60.5	2.0
Colorado.....	354,660	436,226	23.0	4.2	71.9	22.7	61.1	1.9
New Mexico.....	145,642	199,706	37.1	3.7	78.2	39.7	51.0	2.9
Arizona.....	147,079	240,750	63.7	3.7	79.2	46.9	62.5	5.1
Utah.....	147,291	200,554	36.2	4.2	70.8	29.1	79.8	2.2
Nevada.....	36,770	56,515	53.7	3.8	75.8	39.6	73.7	3.6
Pacific.....	3,300,623	4,924,364	49.2	4.3	71.3	33.8	83.6	2.7
Washington.....	590,439	809,701	37.1	4.3	77.6	29.7	78.8	2.7
Oregon.....	369,811	524,003	41.7	4.4	79.8	32.6	74.0	2.7
California.....	2,340,373	3,590,660	53.4	4.3	68.6	34.9	86.0	2.7

<sup>1</sup> Includes occupied trailers.<sup>2</sup> Based on 20-percent sample.



No. 975.—DWELLING UNITS—SELECTED CHARACTERISTICS, BY STATES:  
1950—Continued

DIVISION AND STATE	OCCUPIED DWELLING UNITS, 1950								OWNER-OCCUPIED NONFARM, 1950		RENTER-OCCUPIED NONFARM, 1950	
	Total number	Population in dwelling units	Median number of persons	Percent of dwelling units					Percent mortgaged <sup>3</sup>	Median value of one-dwelling-unit structures <sup>4</sup>	Median contract monthly rent	Median gross monthly rent
				With 1.01 or more persons per room	Occupied by non-white	Owner-occupied	With central heating <sup>2</sup>	With mechanical refrigeration <sup>2</sup>				
U. S. ....	42,826,281	145,030,888	3.1	15.7	8.8	55.0	50.4	80.2	44.0	\$7,354	\$35.50	\$42.47
New England.....	2,613,421	8,880,812	3.1	9.9	1.4	50.9	65.9	86.2	56.6	8,943	30.45	45.06
Maine.....	254,443	881,015	3.1	12.1	0.2	62.8	48.1	71.1	31.8	4,856	27.95	41.35
N. H.....	155,203	509,828	3.0	8.9	0.2	58.1	57.0	82.1	45.0	6,199	26.67	40.52
Vermont.....	103,496	363,298	3.1	9.0	0.1	61.3	51.4	77.5	41.1	6,277	27.54	41.22
Mass.....	1,305,194	4,453,319	3.1	9.8	1.5	47.9	71.4	87.2	62.6	9,144	31.61	46.89
R. I.....	225,447	750,558	3.1	9.7	1.6	45.3	58.5	86.0	54.0	9,767	25.62	40.17
Conn.....	569,638	1,922,794	3.1	9.7	2.2	51.1	68.9	93.6	61.1	11,862	31.85	45.18
Mid. Atlantic.....	8,614,655	28,987,149	3.1	11.4	5.4	47.7	79.4	90.1	48.9	8,627	38.42	46.37
New York.....	4,325,139	14,152,766	3.0	12.4	5.4	37.9	82.2	90.2	56.7	10,152	41.02	48.30
New Jersey.....	1,373,637	4,658,598	3.1	10.2	5.3	53.1	79.7	92.6	51.3	10,408	39.12	48.76
Pa.....	2,915,879	10,175,785	3.2	10.7	5.5	59.7	75.0	88.7	40.7	6,992	31.28	39.76
E. N. Central.....	8,823,056	29,306,167	3.0	11.9	5.0	60.0	65.6	86.2	42.9	7,720	38.33	45.40
Ohio.....	2,313,990	7,692,196	3.0	10.9	5.4	61.1	66.5	87.5	45.2	8,304	34.28	41.56
Indiana.....	1,168,916	3,816,485	2.9	13.8	3.9	65.5	54.0	82.6	46.6	6,226	34.26	41.97
Illinois.....	2,582,000	8,341,171	3.0	12.6	6.6	50.1	68.7	87.8	39.9	8,646	41.91	47.19
Michigan.....	1,790,702	6,136,272	3.1	10.9	5.4	67.5	68.2	87.0	43.6	7,496	40.29	47.36
Wisconsin.....	967,448	3,320,043	3.1	11.2	0.9	63.5	64.4	81.9	37.8	7,927	37.85	48.99
W. N. Central.....	4,148,910	13,581,307	2.9	13.8	3.1	62.2	51.3	78.9	36.2	6,391	33.76	39.83
Minnesota.....	845,265	2,876,145	3.1	13.0	0.8	66.4	60.1	79.5	41.1	7,806	35.72	43.27
Iowa.....	780,167	2,538,841	2.9	10.3	0.7	63.4	57.3	82.3	32.3	6,320	34.80	42.53
Missouri.....	1,197,597	3,813,053	2.8	16.8	6.8	57.7	47.2	76.0	41.1	6,399	30.38	36.44
N. Dak.....	162,105	600,012	3.4	20.5	1.2	66.2	51.9	68.1	22.8	5,396	36.14	42.80
S. Dak.....	182,978	631,235	3.1	15.4	2.5	62.2	41.4	73.6	25.0	5,410	33.54	42.30
Nebraska.....	394,148	1,279,013	2.9	12.6	1.5	60.6	51.5	82.1	32.0	5,918	36.71	42.50
Kansas.....	586,650	1,843,008	2.8	11.6	3.6	63.9	41.8	82.1	33.7	5,462	35.43	37.55
S. Atlantic.....	5,539,058	20,344,644	3.3	21.4	20.9	52.1	27.2	69.5	42.0	6,349	28.92	35.91
Delaware.....	90,390	307,314	3.1	9.6	12.1	58.9	65.2	83.2	51.0	9,079	35.80	46.03
Maryland.....	641,222	2,245,275	3.2	12.3	13.6	56.3	70.3	81.9	49.0	8,033	39.68	46.16
D. C.....	224,142	715,861	2.7	14.1	27.9	32.3	90.8	92.0	60.1	14,498	53.72	57.09
Virginia.....	845,259	3,141,756	3.3	19.1	19.4	55.1	34.9	72.6	43.5	6,581	31.71	39.16
W. Va.....	518,281	1,963,114	3.4	22.6	5.3	55.0	25.1	74.2	32.5	5,473	21.63	28.43
N. C.....	994,356	3,931,516	3.5	25.1	22.7	53.3	14.8	64.1	36.4	4,901	20.83	29.58
S. C.....	514,638	2,061,697	3.5	28.9	34.5	45.1	8.0	58.0	40.2	5,112	17.39	26.03
Georgia.....	889,269	3,335,172	3.3	27.2	28.0	46.5	14.2	58.9	40.2	5,235	19.97	27.42
Florida.....	821,501	2,642,939	2.8	18.0	18.8	57.6	6.5	71.4	42.1	6,612	38.46	39.35
E. S. Central.....	2,991,832	11,193,665	3.3	27.9	22.0	53.6	16.6	60.4	34.9	4,933	21.63	28.11
Kentucky.....	778,754	2,865,393	3.2	25.1	7.3	58.7	24.8	65.9	35.5	5,283	24.66	30.77
Tennessee.....	871,474	3,200,784	3.3	25.3	15.5	56.5	20.3	65.6	37.2	5,268	24.13	30.73
Alabama.....	786,839	2,999,317	3.4	30.5	29.3	49.4	11.2	58.7	34.6	4,473	17.51	24.52
Mississippi.....	554,765	2,128,171	3.3	32.1	42.3	47.8	7.0	46.6	29.4	4,159	18.81	24.62
W. S. Central.....	4,101,717	14,102,683	3.0	23.7	15.9	55.8	12.5	69.5	37.3	5,446	31.57	33.60
Arkansas.....	524,391	1,874,484	3.1	26.7	21.2	54.5	10.1	55.1	29.1	4,087	22.60	27.91
Louisiana.....	724,945	2,616,079	3.2	26.2	30.8	50.3	10.7	62.5	37.1	5,141	22.21	26.74
Oklahoma.....	663,203	2,166,511	2.9	20.0	7.8	60.0	20.9	72.4	40.0	5,228	32.78	34.20
Texas.....	2,189,178	7,445,609	3.0	23.3	12.1	56.7	11.1	74.3	37.9	5,805	35.96	37.13
Mountain.....	1,445,433	4,877,377	3.0	22.8	3.4	59.4	38.8	77.1	38.8	6,582	36.65	40.29
Montana.....	175,470	566,284	2.9	19.0	1.1	60.3	49.0	77.0	27.2	5,797	35.35	40.83
Idaho.....	169,110	572,854	3.1	22.2	1.0	65.5	31.8	82.5	34.7	5,852	35.91	43.85
Wyoming.....	84,185	274,991	3.0	22.2	1.6	54.0	37.9	77.5	36.9	6,811	38.41	41.23
Colorado.....	391,235	1,257,727	2.9	18.0	1.8	58.1	52.2	77.6	41.7	7,151	36.31	39.25
N. Mex.....	176,993	659,051	3.3	34.0	5.6	58.8	23.9	63.5	36.2	5,697	39.19	40.93
Arizona.....	210,374	721,992	3.0	27.6	9.7	56.4	19.0	72.2	42.8	5,936	35.50	36.83
Utah.....	187,825	673,447	3.3	23.4	1.4	65.3	54.8	88.2	42.7	7,409	36.08	39.93
Nevada.....	50,241	151,031	2.6	16.3	5.2	48.7	25.4	80.3	39.6	8,859	42.33	47.34
Pacific.....	4,548,199	13,757,084	2.7	12.2	4.1	57.2	43.2	84.0	49.9	8,872	39.56	42.62
Wash.....	735,746	2,243,893	2.7	11.3	2.0	65.0	43.5	81.6	43.0	7,169	36.57	43.46
Oregon.....	479,047	1,467,556	2.8	12.7	1.2	65.3	36.6	80.6	40.3	6,846	38.01	44.19
California.....	3,333,406	10,045,635	2.7	12.3	5.0	54.3	44.1	85.1	53.0	9,564	40.48	42.30

<sup>2</sup> Based on 20-percent sample.

<sup>3</sup> Restricted to units in 1- to 4-dwelling-unit structures without business.

<sup>4</sup> Restricted to 1-dwelling-unit properties without business.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. 1, Part 1, and Sixteenth Census Reports, *Housing*, Vol. II, Part 1.

No. 976.—DWELLING UNITS—TYPE OF STRUCTURE, NUMBER OF ROOMS, NUMBER OF PERSONS, AND PERSONS PER ROOM: 1940 AND 1950

[In thousands of dwelling units. Percent not shown where less than 0.1]

SUBJECT	1950								1940, TOTAL	
	Number				Percent distribution				Num-ber	Per-cent
	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm		
TYPE OF STRUCTURE										
Total dwelling units.....	45,983	29,569	10,056	6,358	100.0	100.0	100.0	100.0	37,325	100.0
1 to 4 dwelling unit.....	40,591	24,470	9,788	6,332	88.3	82.8	97.3	99.6	33,397	89.5
1 dwelling unit, detached <sup>1</sup> .....	29,116	14,471	8,567	6,078	63.3	48.9	85.2	95.6	23,898	64.0
1 dwelling unit, attached.....	1,210	1,056	110	44	2.6	3.6	1.1	0.7	(2)	(2)
1 and 2 dwelling unit, semi-detached.....	1,589	1,312	237	40	3.5	4.4	2.4	0.6	(2)	(2)
2 dwelling unit, other.....	5,302	4,518	634	149	11.5	15.3	6.3	2.3	(2)	(2)
3 and 4 dwelling unit.....	3,374	3,113	240	21	7.3	10.5	2.4	0.3	(2)	(2)
5 to 9 dwelling unit.....	2,138	2,028	102	8	4.6	6.9	1.0	0.1	1,492	4.0
10 to 19 dwelling unit.....	1,085	1,051	29	4	2.4	3.6	0.3	0.1	854	2.3
20 dwelling unit or more.....	1,855	1,846	8	1	4.0	6.2	0.1	-----	1,582	4.2
Trailers.....	315	174	128	12	0.7	0.6	1.3	0.2	(3)	(3)
NUMBER OF ROOMS										
Total dwelling units.....	45,983	29,569	10,056	6,358	-----	-----	-----	-----	37,325	-----
Number reporting.....	44,898	29,044	9,687	6,167	100.0	100.0	100.0	100.0	36,832	100.0
1 room.....	1,296	836	349	110	2.9	2.9	3.6	1.8	1,307	3.5
2 rooms.....	3,384	2,233	828	323	7.5	7.7	8.5	5.2	3,215	8.7
3 rooms.....	6,670	4,582	1,408	680	14.9	15.8	14.5	11.0	5,332	14.5
4 rooms.....	9,814	6,195	2,326	1,293	21.9	21.3	24.0	21.0	6,892	18.7
5 rooms.....	9,522	6,486	1,904	1,131	21.2	22.3	19.7	18.3	7,302	19.8
6 rooms.....	7,565	5,044	1,450	1,070	16.8	17.4	15.0	17.4	6,322	17.2
7 rooms.....	3,320	1,965	704	651	7.4	6.8	7.3	10.6	2,869	7.8
8 rooms.....	1,835	953	398	483	4.1	3.3	4.1	7.8	1,886	5.1
9 rooms.....	1,493	749	319	425	3.3	2.6	3.3	6.9	1,707	4.6
Not reported.....	1,086	525	369	191	-----	-----	-----	-----	493	-----
Median number of rooms.....	4.6	4.6	4.5	5.1	-----	-----	-----	-----	4.7	-----
NUMBER OF PERSONS										
Occupied dwelling units.....	42,826	28,492	8,613	5,721	100.0	100.0	100.0	100.0	34,855	100.0
1 person.....	3,993	2,839	867	288	9.3	10.0	10.1	5.0	2,677	7.7
2 persons.....	12,023	8,340	2,347	1,336	28.1	29.3	27.2	23.4	8,630	24.8
3 persons.....	9,763	6,727	1,870	1,165	22.8	23.6	21.7	20.4	7,796	22.4
4 persons.....	7,878	5,287	1,557	1,034	18.4	18.6	18.1	18.1	6,325	18.1
5 persons.....	4,466	2,813	921	733	10.4	9.9	10.7	12.8	4,013	11.5
6 persons.....	2,258	1,302	491	465	5.3	4.6	5.7	8.1	2,360	6.8
7 persons.....	1,160	613	261	285	2.7	2.2	3.0	5.0	1,341	3.8
8 persons.....	594	282	139	174	1.4	1.0	1.6	3.0	768	2.2
9 persons.....	324	141	77	106	0.8	0.5	0.9	1.9	436	1.3
10 persons or more.....	367	148	84	135	0.9	0.5	1.0	2.4	509	1.5
Median number of persons.....	3.1	3.0	3.1	3.6	-----	-----	-----	-----	3.3	-----
PERSONS PER ROOM										
Occupied dwelling units.....	42,826	28,492	8,613	5,721	-----	-----	-----	-----	34,855	-----
Number reporting.....	42,154	28,098	8,451	5,606	100.0	100.0	100.0	100.0	34,447	100.0
0.75 or less.....	25,357	17,245	4,895	3,216	60.2	61.4	57.9	57.4	18,910	54.9
0.76 to 1.00.....	10,170	7,119	1,912	1,140	24.1	25.3	22.6	20.3	8,573	24.9
1.01 to 1.50.....	4,020	2,426	916	678	9.5	8.6	10.8	12.1	3,879	11.3
1.51 or more.....	2,608	1,308	728	572	6.2	4.7	8.6	10.2	3,086	9.0
Not reported.....	672	395	162	115	-----	-----	-----	-----	408	-----

<sup>1</sup> 1950 statistics include units with business; 1940 statistics exclude units with business and include "other dwelling places."

<sup>2</sup> 1940 classification not strictly comparable with 1950. See source publication.

<sup>3</sup> Included with "1 dwelling unit, detached."

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I, Part 1, and Sixteenth Census Reports, *Housing*, Vol. 11, Part 1.



## No. 977.—DWELLING UNITS—YEAR BUILT: 1950

[In thousands of dwelling units. Asterisk (\*) denotes statistics based on 20-percent sample]

YEAR BUILT	NUMBER				PERCENT DISTRIBUTION			
	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm
All dwelling units.....	45,983	29,569	10,056	6,358				
Number reporting year built*	44,230	28,547	9,535	6,143	100.0	100.0	100.0	100.0
1945 or later.....	5,946	3,366	1,954	626	13.4	11.8	20.5	10.2
1940 to 1944.....	3,228	2,154	757	317	7.3	7.5	7.9	5.2
1930 to 1939.....	5,898	3,303	1,676	918	13.3	11.6	17.6	14.9
1920 to 1929.....	8,894	6,464	1,429	1,000	20.1	22.6	15.0	16.3
1919 or earlier.....	20,264	13,259	3,719	3,286	45.8	46.4	39.0	53.4

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I, Part 1.

## No. 978.—DWELLING UNITS—WATER SUPPLY, CONDITION AND PLUMBING FACILITIES, AND KITCHEN SINK: 1950

[In thousands of dwelling units. Asterisk (\*) denotes statistics based on 20-percent sample]

SUBJECT	NUMBER				PERCENT DISTRIBUTION			
	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm
All dwelling units.....	45,983	29,569	10,056	6,358				
WATER SUPPLY								
Number reporting.....	45,289	29,240	9,799	6,249	100.0	100.0	100.0	100.0
Hot and cold piped running water inside structure.....	31,759	25,052	4,922	1,784	70.1	85.7	50.2	28.5
Only cold piped running water inside structure.....	5,746	3,119	1,740	887	12.7	10.7	17.8	14.2
Piped running water outside structure.....	1,064	560	335	169	2.3	1.9	3.4	2.7
No piped running water.....	6,720	509	2,802	3,409	14.8	1.7	28.6	54.6
Not reported.....	695	329	257	109				
CONDITION AND PLUMBING FACILITIES								
Number reporting.....	44,502	28,763	9,605	6,135	100.0	100.0	100.0	100.0
Not dilapidated:								
With private toilet and bath, and hot running water <sup>1</sup> .....	28,102	22,371	4,301	1,431	63.1	77.8	44.8	23.3
With private toilet and bath, and only cold water <sup>1</sup> .....	1,435	935	373	128	3.2	3.2	3.9	2.1
With running water, lacking private toilet or bath.....	5,491	3,034	1,537	921	12.3	10.5	16.0	15.0
No running water <sup>2</sup> .....	5,133	569	2,104	2,460	11.5	2.0	21.9	40.1
Dilapidated: <sup>3</sup>								
With private toilet and bath, and hot running water.....	627	510	86	30	1.4	1.8	0.9	0.5
Lacking hot water, private toilet or bath.....	3,712	1,344	1,204	1,164	8.3	4.7	12.5	19.0
Condition or plumbing facilities not reported.....	1,481	806	452	223				
Occupied dwelling units.....	42,826	28,492	8,613	5,721				
KITCHEN SINK*								
Number reporting.....	42,186	28,096	8,459	5,630	100.0	100.0	100.0	100.0
With kitchen sink.....	35,911	26,609	6,215	3,087	85.1	94.7	73.5	54.8
No kitchen sink.....	6,275	1,487	2,245	2,543	14.9	5.3	26.5	45.2

<sup>1</sup> Units with both flush toilet and bathtub (or shower) inside structure.<sup>2</sup> Includes units with only piped running water outside structure.<sup>3</sup> Below generally accepted minimum standard for housing because of either deterioration or inadequate construction; and should be torn down or extensively repaired or rebuilt.Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I, Part 1.

# No. 979.—DWELLING UNITS—SELECTED CHARACTERISTICS OF OCCUPIED UNITS: 1940 AND 1950

[In thousands of dwelling units. Asterisk (\*) denotes 1950 statistics based on 20-percent sample; all 1940 statistics based on complete enumeration]

SUBJECT	1950								1940, TOTAL	
	Number				Percent distribution				Num-ber	Per-cent
	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm		
Occupied dwelling units.....	42, 826	28, 492	8, 613	5, 721	-----	-----	-----	-----	34, 855	-----
REFRIGERATION EQUIPMENT*										
Number reporting.....	42, 060	27, 996	8, 442	5, 622	100. 0	100. 0	100. 0	100. 0	34, 205	100. 0
Mechanical.....	33, 720	24, 092	6, 102	3, 526	80. 2	86. 1	72. 3	62. 7	15, 093	44. 1
Ice.....	4, 445	2, 798	985	663	10. 6	10. 0	11. 7	11. 8	9, 253	27. 1
Other or none.....	3, 894	1, 106	1, 355	1, 433	9. 3	4. 0	16. 1	25. 5	9, 859	28. 8
RADIO*										
Number reporting.....	42, 234	28, 109	8, 472	5, 653	100. 0	100. 0	100. 0	100. 0	33, 891	100. 0
With radio.....	40, 411	27, 321	7, 891	5, 199	95. 7	97. 2	93. 1	92. 0	28, 048	82. 8
No radio.....	1, 823	789	581	454	4. 3	2. 8	6. 9	8. 0	5, 842	17. 2
TELEVISION*										
Number reporting.....	42, 030	27, 971	8, 434	5, 625	100. 0	100. 0	100. 0	100. 0	(1)	(1)
With television.....	5, 030	4, 381	495	154	12. 0	15. 7	5. 9	2. 7	(1)	(1)
No television.....	36, 999	23, 589	7, 939	5, 471	88. 0	84. 3	94. 1	97. 3	(1)	(1)
HEATING EQUIPMENT*										
Number reporting heating equip-ment.....	42, 056	28, 045	8, 423	5, 588	100. 0	100. 0	100. 0	100. 0	34, 149	100. 0
Central heating.....	21, 191	17, 558	2, 620	1, 013	50. 4	62. 6	31. 1	18. 1	14, 347	42. 0
Piped steam or hot water.....	9, 890	8, 922	786	183	23. 5	31. 8	9. 3	3. 3	7, 428	21. 8
Warm air furnace.....	11, 301	8, 637	1, 834	830	26. 9	30. 8	21. 8	14. 9	6, 919	20. 3
Noncentral heating or not heated.....	20, 865	10, 487	5, 803	4, 575	49. 6	37. 4	68. 9	81. 9	19, 802	58. 0
Noncentral heating.....	20, 295	10, 065	5, 720	4, 510	48. 3	35. 9	67. 9	80. 7	(1)	(1)
Other means with flue.....	15, 122	6, 690	4, 591	3, 841	36. 0	23. 9	54. 5	68. 7	(1)	(1)
Other means without flue.....	5, 173	3, 375	1, 129	669	12. 3	12. 0	13. 4	12. 0	(1)	(1)
Not heated.....	570	422	83	65	1. 4	1. 5	1. 0	1. 2	(1)	(1)
HEATING FUEL*										
Number reporting heating equip-ment.....	42, 056	28, 045	8, 423	5, 588	100. 0	100. 0	100. 0	100. 0	34, 149	100. 0
Central heating.....	21, 191	17, 558	2, 620	1, 013	50. 4	62. 6	31. 1	18. 1	14, 347	42. 0
Coal.....	9, 637	7, 714	1, 323	599	22. 9	27. 5	15. 7	10. 7	10, 903	31. 9
Wood.....	261	87	55	120	0. 6	0. 3	0. 7	2. 1	373	1. 1
Gas.....									1, 110	3. 2
Utility gas.....	5, 727	5, 337	346	44	13. 6	19. 0	4. 1	0. 8	(1)	(1)
Bottled gas.....	170	63	58	50	0. 4	0. 2	0. 7	0. 9	(1)	(1)
Liquid and other fuel.....	5, 236	4, 214	825	197	12. 5	15. 0	9. 8	3. 5	1, 766	5. 2
Liquid fuel.....	4, 832	3, 912	751	168	11. 5	14. 0	8. 9	3. 0	(1)	(1)
Other fuel.....	405	301	74	29	1. 0	1. 1	0. 9	0. 5	(1)	(1)
Not reported.....	160	144	12	4	0. 4	0. 5	0. 1	0. 1	195	0. 6
Noncentral heating.....	20, 295	10, 065	5, 720	4, 510	48. 3	35. 9	67. 9	80. 7	19, 540	57. 2
Coal.....	4, 847	2, 093	1, 644	1, 110	11. 5	7. 5	19. 5	19. 9	7, 622	22. 3
Wood.....	3, 910	531	1, 262	2, 117	9. 3	1. 9	15. 0	37. 9	7, 362	21. 6
Gas.....									2, 728	8. 0
Utility gas.....	5, 395	4, 462	781	152	12. 8	15. 9	9. 3	2. 7	(1)	(1)
Bottled gas.....	805	167	329	308	1. 9	0. 6	3. 9	5. 5	(1)	(1)
Liquid and other fuel.....	5, 270	2, 770	1, 687	812	12. 5	9. 9	20. 0	14. 5	1, 757	5. 1
Liquid fuel.....	4, 629	2, 451	1, 480	697	11. 0	8. 7	17. 6	12. 5	(1)	(1)
Electricity.....	276	135	91	50	0. 7	0. 5	1. 1	0. 9	(1)	(1)
Other fuel.....	365	184	115	65	0. 9	0. 7	1. 4	1. 2	(1)	(1)
Not reported.....	68	41	16	11	0. 2	0. 1	0. 2	0. 2	70	0. 2
Not heated.....	570	422	83	65	1. 4	1. 5	1. 0	1. 2	2, 263	0. 8
COOKING FUEL*										
Number reporting.....	42, 100	28, 014	8, 449	5, 637	100. 0	100. 0	100. 0	100. 0	34, 342	100. 0
Coal.....	3, 295	1, 614	990	691	7. 8	5. 8	11. 7	12. 3	3, 962	11. 5
Wood.....	4, 150	667	1, 303	2, 180	9. 9	2. 4	15. 4	38. 7	8, 102	23. 6
Gas.....									16, 776	48. 8
Utility gas.....	21, 710	19, 897	1, 560	253	51. 6	71. 0	18. 5	4. 5	(1)	(1)
Bottled gas.....	3, 360	809	1, 524	1, 026	8. 0	2. 9	18. 0	18. 2	(1)	(1)
Electricity.....	6, 295	3, 447	1, 949	900	15. 0	12. 3	23. 1	16. 0	1, 838	5. 4
Liquid and other fuel.....	3, 168	1, 492	1, 096	581	7. 5	5. 3	13. 0	10. 3	3, 523	10. 3
Liquid fuel.....	2, 834	1, 354	982	499	6. 7	4. 8	11. 6	8. 9	(1)	(1)
Other fuel.....	334	138	114	82	0. 8	0. 5	1. 4	1. 5	(1)	(1)
None.....	122	88	27	6	0. 3	0. 3	0. 3	0. 1	143	0. 4

<sup>1</sup> Not available.

<sup>2</sup> Units without central heating equipment and reporting "None" for fuel were considered "Not heated."

Source: Department of Commerce, Bureau of the Census; U. S. Census of Housing: 1950, Vol. I, Part 1, and Sixteenth Census Reports, Housing, Vol. II, Part 1.



# No. 980.—DWELLING UNITS—ELECTRIC LIGHTING, TOILET, AND BATHING FACILITIES: 1940 AND 1950

[In thousands of dwelling units. Asterisk (\*) denotes 1950 statistics based on 20-percent sample; all 1940 statistics based on complete enumeration]

SUBJECT	1950								1940, TOTAL	
	Number				Percent distribution				Number	Percent
	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm		
All dwelling units.....	45,983	29,569	10,056	6,358					37,325	
ELECTRIC LIGHTING*										
Number reporting.....	45,046	29,092	9,752	6,202	100.0	100.0	100.0	100.0	36,747	100.0
With electric lights.....	42,359	28,734	8,808	4,818	94.0	98.8	90.3	77.7	28,915	78.7
No electric lights.....	2,687	358	944	1,384	6.0	1.2	9.7	22.3	7,831	21.3
TOILET FACILITIES										
Number reporting.....	45,261	29,204	9,803	6,254	100.0	100.0	100.0	100.0	36,770	100.0
Flush toilet inside structure, exclusive use.....	32,335	25,363	5,240	1,732	71.4	86.8	53.5	27.7	21,967	59.7
Flush toilet inside structure, shared.....	1,839	1,655	160	24	4.1	5.7	1.6	0.4	1,827	5.0
Other toilet facilities (including privy).....	10,157	1,994	4,063	4,100	22.4	6.8	41.4	65.6	11,957	32.5
No toilet.....	930	192	340	398	2.1	0.7	3.5	6.4	1,018	2.8
Not reported.....	722	365	254	104					556	
BATHING FACILITIES										
Number reporting.....	44,776	28,920	9,669	6,187	100.0	100.0	100.0	100.0	36,649	100.0
Installed bathtub or shower, exclusive use.....	31,022	24,165	5,013	1,845	69.3	83.6	51.8	29.8	20,606	56.2
Installed bathtub or shower, shared.....	1,734	1,560	151	23	3.9	5.4	1.6	0.4	1,723	4.7
No bathtub or shower.....	12,020	3,195	4,506	4,320	26.8	11.0	46.6	69.8	14,321	39.1
Not reported.....	1,207	649	387	171					676	

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I, Part 1, and Sixteenth Census Reports, *Housing*, Vol. II, Part 1.

# No. 981.—DWELLING UNITS—VALUE OF NONFARM OWNER-OCCUPIED UNITS: 1950

[In thousands of dwelling units. Value represents amount which owner-occupant estimates property (including structure and its land) would sell for under ordinary conditions and not at forced sale]

VALUE	NUMBER			PERCENT DISTRIBUTION		
	Urban and rural nonfarm	Urban	Rural non-farm	Urban and rural nonfarm	Urban	Rural non-farm
Owner-occupied dwelling units <sup>1</sup> .....	15,878	11,160	4,718			
Number reporting.....	14,974	10,865	4,109	100.0	100.0	100.0
Less than \$2,000.....	1,165	446	720	7.8	4.1	17.5
\$2,000 to \$2,999.....	857	397	460	5.7	3.7	11.2
\$3,000 to \$3,999.....	1,094	597	497	7.3	5.5	12.1
\$4,000 to \$4,999.....	1,104	696	407	7.4	6.4	9.9
\$5,000 to \$5,999.....	1,239	873	415	8.6	8.0	10.1
\$6,000 to \$7,499.....	2,114	1,613	501	14.1	14.8	12.2
\$7,500 to \$9,999.....	2,618	2,178	439	17.5	20.0	10.7
\$10,000 to \$14,999.....	2,995	2,577	418	20.0	23.7	10.2
\$15,000 to \$19,999.....	1,008	873	135	6.7	8.0	3.3
\$20,000 or more.....	731	615	116	4.9	5.7	2.8
Not reported.....	905	295	610			
Median value.....	\$7,354	\$8,380	\$4,878			

<sup>1</sup> Restricted to 1-dwelling-unit structures without business and with one dwelling unit in property.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I, Part 1.

No. 982.—DWELLING UNITS—MORTGAGE STATUS OF NONFARM OWNER-OCCUPIED UNITS: 1890 TO 1950

[For 1940 and 1950, mortgage statistics are for owner-occupied dwelling units in 1- to 4-dwelling unit structures without business. An owner-occupied dwelling unit was reported as mortgaged if property on which it was located had an indebtedness in form of a mortgage or deed of trust, or if occupants had contract to purchase property. For 1920 and earlier, mortgage data are for owner-occupied units in all types of structures. Although types of units for which mortgage data were reported are not the same for all censuses, differences are not large enough to invalidate comparisons]

CENSUS YEAR	Total owner-occupied dwelling units	Reporting mortgage status	MORTGAGED		Not mortgaged
			Number	Percent	
1890.....	2,923,671	2,923,671	809,933	27.7	2,113,738
1900.....	3,566,809	3,394,967	1,086,605	32.0	2,308,362
1910.....	5,245,380	5,109,916	1,701,062	33.3	3,408,854
1920.....	7,041,283	6,867,546	2,735,668	39.8	4,131,878
1930.....	10,549,972	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
1940.....	11,413,036	10,611,259	4,804,778	45.3	5,806,481
1950.....	19,801,646	17,795,844	7,825,116	44.0	9,970,728
Urban.....	14,376,594	13,296,133	6,429,743	48.4	6,866,390
Rural nonfarm.....	5,425,052	4,499,711	1,395,373	31.0	3,104,338

<sup>1</sup> Not available.  
Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I, Part 1.

No. 983.—DWELLING UNITS—CONTRACT AND GROSS MONTHLY RENT OF NONFARM RENTER-OCCUPIED UNITS: 1940 AND 1950

[In thousands of dwelling units. Contract monthly rent is rent contracted for, regardless of whether it includes furniture, heating fuel, electricity, cooking fuel, water, or other services sometimes supplied. Gross monthly rent is contract monthly rent plus reported average monthly cost of utilities (water, electricity, gas) and fuels such as wood, coal, and oil; if furniture was included in contract rent, reported estimated rent of dwelling unit without furniture was used in computation rather than contract rent]

MONTHLY RENT	1950						1940, URBAN AND RURAL NONFARM	
	Number			Percent distribution			Num-ber	Per-cent
	Urban and rural non- farm	Urban	Rural non- farm	Urban and rural non- farm	Urban	Rural non- farm		
CONTRACT MONTHLY RENT								
Total dwelling units.....	17,304	14,116	3,188				16,335	
Number reporting.....	15,503	13,252	2,251	100.0	100.0	100.0	16,178	100.0
Less than \$10.....	638	298	340	4.1	2.3	15.1	2,822	17.4
\$10 to \$14.....	990	623	367	6.4	4.7	16.3	2,280	14.1
\$15 to \$19.....	1,175	869	306	7.6	6.6	13.6	2,217	13.7
\$20 to \$24.....	1,436	1,177	259	9.3	8.9	11.5	2,013	12.4
\$25 to \$29.....	1,611	1,372	239	10.4	10.4	10.6	1,840	11.4
\$30 to \$39.....	3,178	2,854	324	20.5	21.5	14.4	2,526	15.6
\$40 to \$49.....	2,577	2,402	175	16.6	18.1	7.8	1,300	8.0
\$50 to \$59.....	1,603	1,500	103	10.3	11.3	4.6	570	3.5
\$60 to \$74.....	1,221	1,141	79	7.9	8.6	3.5	327	2.0
\$75 to \$99.....	710	674	36	4.6	5.1	1.6	164	1.0
\$100 or more.....	363	341	22	2.3	2.6	1.0	118	0.7
Rent free.....	1,257	555	702				(1)	(1)
Not reported.....	543	308	235				157	
Median rent.....	\$35.50	\$37.54	\$21.67				\$21.41	
GROSS MONTHLY RENT								
Total dwelling units.....	17,304	14,116	3,188				16,335	
Number reporting.....	15,190	13,007	2,182	100.0	100.0	100.0	15,144	100.0
Less than \$10.....	227	98	130	1.5	.8	5.9	1,404	9.3
\$10 to \$14.....	444	258	186	2.9	2.0	8.5	1,614	10.7
\$15 to \$19.....	702	464	238	4.6	3.6	10.9	1,735	11.5
\$20 to \$24.....	979	725	254	6.4	5.6	11.6	1,838	12.1
\$25 to \$29.....	1,197	956	241	7.9	7.4	11.0	1,768	11.7
\$30 to \$39.....	3,123	2,696	427	20.6	20.8	19.6	3,029	20.0
\$40 to \$49.....	3,105	2,805	300	20.4	21.6	13.8	1,967	13.0
\$50 to \$59.....	2,302	2,122	179	15.2	16.3	8.2	925	6.1
\$60 to \$74.....	1,740	1,601	139	11.5	12.3	6.4	513	3.4
\$75 to \$99.....	941	881	59	6.2	6.8	2.7	228	1.5
\$100 or more.....	429	400	28	2.8	3.1	1.3	123	0.8
Rent free or not reported.....	2,114	1,108	1,006				1,191	
Median rent.....	\$42.47	\$44.16	\$30.44				\$27.28	

<sup>1</sup> In 1940, rent-free units were distributed according to estimated rents.  
Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I, Part 1, and Sixteenth Census Reports, *Housing*, Vol. II, Part 1.



# No. 984.—OCCUPIED NONFARM DWELLING UNITS—SELECTED CHARACTERISTICS BY VALUE OF OWNER-OCCUPIED UNITS: 1950

[Data based on sample; see source for explanation of sampling variability. Value represents amount which owner-occupant estimates property (including structure and its land) would sell for under ordinary conditions and not at forced sale]

SUBJECT	Number of owner-occupied units	UNITS WITH VALUE OF—						Value not reported
		Less than \$4,000	\$4,000 to \$5,999	\$6,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	
<b>Owner-occupied dwelling units, total<sup>1</sup></b>	15, 298, 250	3, 032, 070	2, 302, 720	2, 058, 075	2, 532, 395	2, 901, 735	1, 652, 495	818, 760
<b>YEAR BUILT</b>								
1945 or later	2, 869, 388	541, 079	307, 976	316, 516	541, 738	686, 658	349, 693	125, 728
1940 to 1944	1, 437, 771	217, 982	134, 886	152, 542	281, 370	379, 552	216, 074	55, 365
1939 or earlier	10, 685, 759	2, 225, 560	1, 834, 753	1, 566, 409	1, 683, 135	1, 813, 582	1, 070, 244	492, 076
Not reported	305, 332	47, 449	25, 105	22, 608	26, 152	21, 943	16, 484	145, 591
<b>CONDITION AND PLUMBING FACILITIES</b>								
Not dilapidated	14, 224, 095	2, 424, 905	2, 198, 600	2, 007, 195	2, 488, 795	2, 859, 215	1, 624, 030	621, 355
With private toilet and bath, and hot running water	11, 583, 805	844, 140	1, 691, 110	1, 848, 525	2, 416, 290	2, 820, 535	1, 609, 205	354, 000
With private toilet and bath, and only cold water	446, 480	162, 825	139, 645	64, 010	34, 925	17, 505	4, 940	22, 630
With running water, lacking private toilet or bath	1, 109, 375	663, 180	245, 610	67, 370	27, 215	14, 895	6, 095	85, 010
No running water	1, 084, 435	754, 760	122, 235	27, 290	10, 365	6, 280	3, 790	159, 715
Dilapidated	747, 340	534, 925	71, 895	26, 190	17, 315	13, 915	8, 890	74, 210
With private toilet and bath, and hot running water	145, 285	55, 160	36, 895	18, 920	12, 310	10, 255	5, 120	6, 625
Lacking hot water, private toilet or bath	602, 055	479, 765	35, 000	7, 270	5, 005	3, 660	3, 770	67, 585
Condition or plumbing facilities not reported	326, 815	72, 240	32, 225	24, 690	26, 285	28, 605	19, 575	123, 195
<b>NUMBER OF ROOMS</b>								
3 rooms or less	1, 122, 445	752, 865	146, 090	50, 960	31, 905	21, 110	11, 715	107, 800
4 and 5 rooms	6, 740, 975	1, 547, 475	1, 221, 950	1, 026, 400	1, 244, 120	1, 130, 345	272, 540	298, 145
6 rooms or more	7, 208, 400	703, 250	917, 135	966, 950	1, 237, 640	1, 729, 940	1, 354, 780	298, 705
Not reported	226, 430	28, 480	17, 545	13, 765	18, 730	20, 340	13, 460	114, 110
<b>TYPE OF HOUSEHOLD</b>								
Husband-wife families, no nonrelatives	11, 827, 060	2, 138, 720	1, 756, 165	1, 619, 285	2, 052, 890	2, 384, 375	1, 304, 005	571, 620
2 persons	3, 343, 170	620, 840	516, 090	461, 250	546, 810	638, 690	367, 570	191, 920
3 persons	2, 887, 010	464, 475	413, 740	402, 550	541, 175	617, 485	318, 365	129, 220
4 persons	2, 725, 310	408, 830	379, 790	374, 725	512, 780	614, 050	330, 110	105, 025
5 persons or more	2, 871, 570	644, 575	446, 545	380, 760	452, 125	514, 150	287, 960	145, 455
Other family groups, no nonrelatives	1, 566, 775	401, 980	262, 260	211, 950	231, 445	239, 825	125, 175	94, 140
1-person households	970, 000	355, 780	158, 755	106, 310	96, 990	89, 580	54, 830	107, 755
Households with nonrelatives	934, 415	135, 590	125, 540	120, 530	151, 070	187, 955	168, 485	45, 245
<b>INCOME IN 1949<sup>2</sup></b>								
Less than \$1,000	2, 126, 055	867, 675	346, 700	225, 870	205, 740	191, 940	96, 070	192, 060
\$1,000 to \$1,999	1, 596, 370	629, 405	285, 495	187, 415	166, 730	146, 845	60, 405	120, 075
\$2,000 to \$2,999	2, 351, 090	658, 905	490, 130	368, 345	345, 815	271, 150	88, 875	127, 870
\$3,000 to \$3,999	2, 821, 390	425, 280	520, 170	494, 420	601, 835	528, 000	145, 755	105, 930
\$4,000 to \$4,999	1, 932, 845	178, 065	278, 905	313, 385	449, 570	496, 490	157, 000	59, 430
\$5,000 to \$5,999	1, 294, 170	78, 245	147, 015	179, 830	285, 955	395, 320	172, 400	35, 405
\$6,000 to \$6,999	754, 700	33, 685	66, 175	93, 605	156, 140	251, 175	134, 285	19, 635
\$7,000 to \$9,999	902, 185	28, 050	60, 460	85, 275	155, 415	300, 505	247, 880	24, 600
\$10,000 or more	699, 560	9, 930	19, 185	26, 840	55, 040	155, 945	407, 935	24, 685
Not reported	819, 885	122, 830	88, 485	83, 090	110, 155	164, 365	141, 890	109, 070
<b>VALUE-INCOME RATIO<sup>3</sup></b>								
Less than 1.0	1, 708, 205	1, 237, 680	311, 865	112, 260	46, 400	-----	-----	-----
1.0 to 1.4	2, 124, 965	573, 355	623, 960	401, 975	329, 340	196, 335	-----	-----
1.5 to 1.9	2, 087, 170	243, 135	415, 820	444, 235	509, 965	406, 700	67, 315	-----
2.0 to 2.9	3, 066, 105	241, 315	326, 950	496, 330	798, 715	917, 560	285, 235	-----
3.0 or more	3, 394, 220	375, 565	388, 785	399, 840	585, 665	955, 455	688, 910	-----
Not available <sup>4</sup>	2, 917, 585	361, 020	235, 340	203, 435	262, 310	425, 685	611, 035	818, 760

<sup>1</sup> Restricted to 1-dwelling-unit structures without business and with 1 dwelling unit in property.

<sup>2</sup> Income of only primary families and individuals.

<sup>3</sup> Value of owner-occupied unit divided by total income in 1949 of the primary-family (or individual) owner.

<sup>4</sup> Ratio not computed when value or income is not reported, value is less than \$100 or \$99,900 or more, or income is less than \$100 or \$10,000 or more.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. II.

# No. 985.—OCCUPIED NONFARM DWELLING UNITS—SELECTED CHARACTERISTICS BY GROSS MONTHLY RENT OF RENTER-OCCUPIED UNITS: 1950

[Data based on sample; see source for explanation of sampling variability. Gross monthly rent is contract monthly rent plus reported average monthly cost of utilities (water, electricity, gas) and fuels such as wood, coal, and oil]

SUBJECT	Number of renter-occupied units	UNITS WITH GROSS MONTHLY RENT OF—							Rent free or not reported
		Less than \$20	\$20 to \$29	\$30 to \$39	\$40 to \$49	\$50 to \$59	\$60 to \$74	\$75 or more	
<b>Renter-occupied units, total</b>	16, 918, 760	1, 339, 515	2, 143, 660	3, 039, 795	3, 095, 855	2, 218, 800	1, 686, 480	1, 324, 415	2, 070, 240
<b>YEAR BUILT</b>									
1945 or later	1, 336, 913	68, 380	107, 561	154, 797	144, 394	125, 764	175, 543	347, 570	212, 904
1940 to 1944	1, 056, 073	61, 352	114, 943	233, 964	188, 121	120, 219	131, 819	92, 695	112, 960
1939 or earlier	13, 807, 781	1, 168, 786	1, 857, 469	2, 562, 389	2, 660, 572	1, 899, 311	1, 315, 279	832, 850	1, 511, 125
Not reported	717, 993	40, 997	63, 687	88, 645	102, 768	73, 506	63, 839	51, 300	233, 251
<b>CONDITION AND PLUMBING FACILITIES</b>									
Not dilapidated	14, 535, 805	773, 765	1, 672, 195	2, 683, 170	2, 872, 510	2, 111, 220	1, 625, 355	1, 281, 955	1, 515, 635
With priv. toilet and bath, and hot running water	10, 496, 325	126, 490	629, 915	1, 763, 475	2, 382, 605	1, 924, 570	1, 540, 335	1, 247, 915	881, 020
With priv. toilet and bath, and only cold water	597, 570	26, 095	112, 270	195, 945	132, 995	51, 060	20, 610	7, 285	51, 310
With running water, lacking private toilet or bath	2, 480, 985	341, 225	717, 200	622, 295	323, 185	124, 415	60, 625	23, 865	268, 175
No running water	960, 925	279, 955	212, 810	101, 455	33, 725	11, 175	3, 785	2, 890	315, 130
Dilapidated	1, 854, 005	522, 080	409, 660	289, 640	163, 575	67, 170	32, 980	18, 715	350, 185
With priv. toilet and bath, and hot running water	354, 920	10, 315	53, 015	102, 790	84, 090	40, 870	22, 820	10, 510	30, 510
Lacking hot water, private toilet or bath	1, 499, 085	511, 765	356, 645	186, 850	79, 485	26, 300	10, 160	8, 205	319, 675
Condition or plumbing facilities not reported	528, 950	43, 670	61, 805	66, 985	59, 770	40, 410	28, 145	23, 745	204, 420
<b>NUMBER OF ROOMS</b>									
3 rooms or less	7, 283, 200	984, 675	1, 293, 180	1, 407, 365	1, 243, 600	753, 875	482, 940	285, 175	832, 390
4 and 5 rooms	7, 108, 655	296, 465	709, 605	1, 353, 305	1, 465, 420	1, 085, 040	832, 850	667, 570	698, 400
6 rooms or more	2, 261, 305	45, 040	123, 525	258, 500	367, 705	365, 695	359, 730	362, 830	378, 280
Not reported	265, 600	13, 335	17, 350	20, 625	19, 130	14, 190	10, 960	8, 840	161, 170
<b>TYPE OF HOUSEHOLD</b>									
Husband-wife families, no nonrelatives	11, 866, 675	706, 260	1, 343, 505	2, 163, 390	2, 319, 070	1, 703, 180	1, 301, 790	993, 625	1, 335, 855
2 persons	3, 941, 415	238, 115	459, 450	710, 370	765, 745	574, 245	433, 045	316, 285	444, 160
3 persons	3, 225, 955	158, 445	344, 710	608, 295	650, 840	484, 165	375, 900	285, 240	318, 360
4 persons	2, 450, 825	116, 105	249, 815	441, 865	499, 425	364, 820	285, 890	238, 955	253, 950
5 persons or more	2, 248, 480	193, 595	289, 530	402, 860	403, 060	279, 950	206, 955	153, 145	319, 385
Other family groups, no nonrelatives	1, 863, 980	185, 875	280, 190	360, 540	334, 235	220, 705	155, 785	110, 645	216, 005
1-person households	2, 147, 655	376, 990	402, 330	357, 965	273, 315	156, 740	102, 445	87, 505	390, 365
Households with nonrelatives	1, 040, 450	70, 390	117, 635	157, 900	169, 235	138, 175	126, 460	132, 640	128, 015
<b>INCOME IN 1949<sup>1</sup></b>									
Less than \$1,000	2, 742, 485	563, 475	507, 975	419, 130	298, 355	167, 060	111, 730	87, 770	586, 990
\$1,000 to \$1,999	2, 525, 035	345, 110	511, 015	526, 225	375, 770	195, 990	119, 065	68, 870	382, 990
\$2,000 to \$2,999	3, 446, 790	219, 695	519, 880	798, 430	730, 625	432, 535	261, 985	124, 825	358, 815
\$3,000 to \$3,999	3, 146, 075	92, 040	303, 820	634, 435	757, 150	545, 565	367, 480	188, 240	257, 345
\$4,000 to \$4,999	1, 764, 165	34, 085	118, 705	287, 695	399, 520	342, 795	271, 695	180, 200	129, 470
\$5,000 to \$5,999	1, 062, 565	13, 250	52, 895	138, 410	214, 310	210, 195	198, 025	164, 305	71, 175
\$6,000 to \$6,999	544, 540	5, 785	21, 225	58, 380	96, 335	104, 365	109, 410	112, 845	36, 195
\$7,000 to \$9,999	535, 475	4, 595	14, 975	40, 500	72, 715	93, 720	114, 165	156, 025	38, 780
\$10,000 or more	278, 420	2, 025	4, 285	10, 675	18, 740	26, 085	42, 240	147, 110	27, 260
Not reported	873, 210	59, 455	88, 885	125, 915	132, 335	100, 490	90, 685	94, 225	181, 220
<b>GROSS RENT AS PERCENTAGE OF INCOME<sup>2</sup></b>									
Less than 10 percent	1, 892, 345	469, 710	500, 330	451, 235	283, 555	131, 435	52, 915	3, 165	-----
10 to 14 percent	3, 083, 680	197, 265	492, 115	819, 705	733, 235	450, 570	279, 975	110, 815	-----
15 to 19 percent	2, 751, 510	119, 980	275, 395	567, 165	734, 410	501, 515	348, 210	204, 835	-----
20 to 29 percent	2, 788, 275	147, 575	255, 280	435, 880	594, 235	553, 890	465, 435	335, 980	-----
30 percent or more	2, 658, 675	227, 815	384, 020	477, 875	469, 705	373, 925	348, 330	377, 005	-----
Not available <sup>2</sup>	3, 744, 275	177, 170	236, 520	287, 935	280, 715	207, 465	191, 615	292, 615	2, 070, 240

<sup>1</sup> Income of only primary families and individuals.

<sup>2</sup> Percentage not computed when unit is rent free, rent or income is not reported, rent is \$999 or more, or income is less than \$100 or \$10,000 or more.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. II.



# No. 986.—MORTGAGED RESIDENTIAL NONFARM PROPERTIES, BY GOVERNMENT INSURANCE STATUS OF FIRST MORTGAGE: 1950

[Numbers in thousands of properties. Based on a sample. Data relate to residential nonfarm properties which contain dwelling units enumerated in April 1950, and on which mortgages were in existence at the time of the residential financing enumeration in August 1950. A mortgaged property consists of all structures and land given as security for a mortgage loan]

SUBJECT	TOTAL MORTGAGED PROPERTIES		PROPERTIES WITH—					
	Number	Average debt per property	FHA-insured first mortgage		VA-guaranteed first mortgage		Conventional first mortgage	
			Number	Average debt per property	Number	Average debt per property	Number	Average debt per property
<b>Total</b> .....	<b>9,443</b>	<b>\$4,700</b>	<b>1,329</b>	<b>\$6,800</b>	<b>1,264</b>	<b>\$6,000</b>	<b>6,850</b>	<b>\$4,100</b>
Owner-occupied properties.....	8,288	4,100	1,228	5,700	1,196	6,000	5,863	3,300
1 dwelling unit.....	7,052	4,100	1,179	5,700	1,033	6,000	4,840	3,200
2 to 4 dwelling units.....	1,236	4,200	50	6,200	163	6,400	1,023	3,700
Rental properties.....	1,155	9,300	100	19,500	67	5,300	987	8,500
1 dwelling unit.....	560	3,300	75	5,600	49	5,000	436	2,700
2 to 4 dwelling units.....	324	4,500	20	9,200	16	5,900	289	4,100
5 to 49 dwelling units.....	260	16,300	5	98,200	3	6,400	253	14,900
50 dwelling units or more.....	11	285,600	1	885,700	-----	-----	10	224,100

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. IV.

# No. 987.—MORTGAGED RESIDENTIAL NONFARM PROPERTIES—OUTSTANDING DEBT AND NUMBER OF MORTGAGES, BY HOLDER OF MORTGAGE: 1950

[Money figures in millions of dollars; number of mortgages in thousands. See headnote, table 986]

SUBJECT	Total	HOLDER OF MORTGAGE							
		Com- mercial bank or trust com- pany	Mutual savings bank	Savings and loan asso- ciation	Life insur- ance com- pany	Mort- gage com- pany	Federal National Mort- gage Asso- ciation	Indi- vidual	Other
GOVERNMENT INSURANCE STATUS									
Outstanding debt, total.....	44,486	8,369	5,867	10,069	8,985	600	1,055	7,817	1,723
First mortgages.....	42,942	8,187	5,794	9,976	8,789	566	1,038	6,985	1,608
FHA insured.....	8,533	2,318	1,021	667	3,842	239	194	-----	253
VA guaranteed.....	7,501	2,149	905	2,194	1,176	117	844	5	110
Conventional.....	26,909	3,720	3,869	7,115	3,771	209	-----	6,980	1,245
Junior mortgages.....	1,544	182	73	92	196	35	17	833	116
VA guaranteed.....	425	102	53	40	181	19	17	1	12
Conventional.....	1,118	80	20	53	15	16	-----	832	104
Number of mortgages, total.....	10,267	2,139	898	2,754	1,287	122	162	2,503	403
First.....	9,443	2,019	848	2,679	1,139	98	149	2,155	356
Junior.....	824	120	49	75	148	24	13	348	47
TENURE AND NUMBER OF DWELL- ING UNITS ON PROPERTY									
Outstanding debt, total.....	44,486	8,369	5,867	10,069	8,985	600	1,055	7,817	1,723
Owner-occupied properties.....	33,755	6,995	3,262	8,378	6,140	449	983	5,967	1,079
1 dwelling unit.....	28,566	6,194	2,542	7,095	5,795	411	947	4,664	920
2 to 4 dwelling units.....	5,188	801	720	1,783	345	38	36	1,304	160
Rental properties.....	10,732	1,373	2,605	1,190	2,845	151	72	1,850	644
1 dwelling unit.....	1,858	382	139	430	300	20	53	452	82
2 to 4 dwelling units.....	1,474	270	169	383	171	17	12	393	59
5 to 49 dwelling units.....	4,222	500	1,206	349	932	65	2	894	274
50 dwelling units or more.....	3,178	222	1,091	28	1,442	49	4	112	229
Number of mortgages, total.....	10,267	2,139	898	2,754	1,287	122	162	2,503	403
Owner-occupied properties.....	9,007	1,903	757	2,463	1,171	109	151	2,110	343
Rental properties.....	1,260	236	141	291	116	13	11	393	61

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. IV.

**No. 988.—OCCUPIED FARM DWELLING UNITS—PERCENT DISTRIBUTION BY CONDITION AND PLUMBING FACILITIES, AND BY YEAR BUILT: 1950**

[Data based on sample; see source for explanation of sampling variability]

SUBJECT	Total occupied dwelling units	OWNER			RENTER AND RENT-FREE			Non-white occupied units
		Total <sup>1</sup>	1 to 4 rooms	5 rooms or more	Total <sup>1</sup>	1 to 4 rooms	5 rooms or more	
Number of occupied farm dwelling units.....(1,000).....	5, 660	3, 702	1, 021	2, 606	1, 958	1, 002	911	664
<b>CONDITION AND PLUMBING FACILITIES <sup>2</sup></b>								
<b>Total reporting</b> .....	100	100	100	100	100	100	100	100
Not dilapidated.....	83	88	76	92	73	61	85	54
All facilities.....	24	29	12	36	14	6	22	2
Some facilities.....	18	20	15	22	14	10	19	4
No facilities.....	41	39	50	34	44	45	44	48
Dilapidated.....	17	12	24	8	27	39	15	46
All or some facilities.....	2	2	2	2	2	3	2	2
No facilities.....	15	10	22	6	25	36	13	45
<b>RUNNING WATER</b>								
<b>Total reporting condition and plumbing</b> .....	100	100	100	100	100	100	100	100
With running water.....	44	51	29	60	31	19	43	7
No running water.....	56	49	71	40	69	81	57	93
With kitchen sink <sup>3</sup> .....	14	14	12	15	13	7	19	3
No kitchen sink or not reporting sink <sup>3</sup> .....	42	35	59	25	57	74	37	90
<b>YEAR BUILT</b>								
<b>Total reporting</b> .....	100	100	100	100	100	100	100	100
1945 or later.....	10	12	19	9	7	11	4	11
1940 to 1944.....	5	6	9	5	4	5	2	6
1930 to 1939.....	15	14	19	12	15	21	9	21
1920 to 1929.....	16	15	16	14	19	23	14	24
1919 or earlier.....	54	53	37	60	54	40	70	38

<sup>1</sup> Includes dwelling units for which number of rooms was not reported.

<sup>2</sup> Units with all plumbing facilities have all of following facilities inside structure: Private flush toilet, private bath, and hot and cold running water. Units with no facilities have no private flush toilet, no private bath, and no running water inside structure.

<sup>3</sup> Tabulation restricted to units with no running water inside structure.

Source: Department of Commerce, Bureau of the Census, *U. S. Census of Housing: 1950*, Vol. III.

**No. 989.—OCCUPIED FARM DWELLING UNITS—YEAR BUILT, ELECTRIC LIGHTING, AND HEATING EQUIPMENT BY CONDITION AND PLUMBING FACILITIES: 1950**

[Data based on sample; see source for explanation of sampling variability]

CONDITION AND PLUMB- ING FACILITIES <sup>1</sup>	ALL OCCUPIED UNITS						NONWHITE-OCCUPIED UNITS			
	Num- ber (1,000)	Percent with—			Built in 1940 or later		Num- ber (1,000)	Percent with—		
		Elec- tric lights	Heating equip- ment		Num- ber (1,000)	Percent of total		Elec- tric lights	Heating equip- ment	
			Central	Non- central, with flue					Central	Non- central, with flue
<b>Total <sup>2</sup></b> .....	5, 660	80	18	69	853	15	664	44	1	85
Not dilapidated.....	4, 541	87	21	66	750	17	345	54	2	83
All facilities.....	1, 319	99	49	39	237	18	12	99	23	51
Some facilities.....	983	95	20	66	138	14	23	80	4	76
No facilities.....	2, 239	75	5	82	376	17	310	50	1	85
Dilapidated.....	961	53	3	83	87	9	298	32	1	85
All or some facilities.....	122	86	13	70	10	8	10	51	5	79
No facilities.....	839	48	1	85	77	9	288	31	1	86

<sup>1</sup> See footnote 2, table 988.

<sup>2</sup> Includes dwelling units for which condition or plumbing facilities were not reported.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. III.



## 30. Manufactures

**Census of Manufactures.**—The basic source of comprehensive data on manufacturing production is the Census of Manufactures conducted by the Bureau of the Census. The first Census of Manufactures covered the year 1809 and a census was taken at 10-year intervals in connection with the Decennial Census of Population up to and including 1899, with the exception of 1829. It was conducted at 5-year intervals from 1904 through 1919, and every other year from 1921 through 1939, but was suspended during the war period. The 1947 Census of Manufactures was the first to be taken since 1939. Present legislation provides for a Census of Manufactures to cover the year 1953 and every fifth year thereafter. The census scheduled to be conducted in 1954 covering the year 1953 was not taken. However, a census covering the year 1954 is presently in process; the results will be available late in 1955 and during 1956.

The 1947 Census of Manufactures covered all establishments primarily engaged in manufacturing, as defined in the 1945 revision of the Standard Industrial Classification sponsored by the Bureau of the Budget. This Census, as well as the *Annual Survey of Manufactures*, which is described below, covered operating manufacturing establishments only, omitting separate administrative offices and auxiliary units of operating establishments. Operating establishments, however, account for approximately 98 percent of total manufacturing employment. To the extent possible, this Census was conducted on an establishment basis. As a rule, the term "establishment" signifies a single plant or factory and is not necessarily identical with the business unit or company which may consist of one or more establishments. A company operating establishments at more than one location is required to submit a report for each location; also, companies engaged in distinctly different lines of activity at one location are required to submit separate reports if separate payroll and inventory records are kept for each activity. Census figures differ, therefore, from those prepared on a company basis. They also differ to some extent from other tabulations based on establishment reports, where the definition of an establishment as to location and line of activity is not so rigidly applied.

In the 1947 Census, reports were required from all establishments employing one or more persons at any time during the census year. In other recent censuses, establishments having less than \$5,000 value of products were designated as outside the scope of the census. The change in the minimum size limit in 1947 as compared with 1939 has not appreciably affected the comparability of the figures for these two years, except for data on number of establishments for a few industries.

Each of the establishments covered in the census was classified in one of 458 manufacturing industries in accordance with the industry definitions embodied in the Standard Industrial Classification system. Under this system of classification, an industry is generally defined as a group of establishments producing a single product or a more or less closely related group of products. This product or group of products is in turn said to be "primary" to that industry. Accordingly, an establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of any other group of products. In a few instances, however, the industry classification of an establishment is determined not only by the products it makes but also by the processes employed in making those products.

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Note.—This section presents data for the most recent year or period available on May 27, 1955, when the material was organized and sent to the printer. In a few instances, more recent data were added after that date.

While some establishments produce only the primary products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to this extent. The statistics on employment, payrolls, value added, inventories, and expenditures, therefore, reflect not only the primary activities of the establishments in that industry but also their activities of a secondary nature. For this reason the industry statistics usually cannot be directly related to statistics on the total shipments of commodities.

The Bureau of the Census is prohibited by law from publishing any statistics that disclose information reported by individual companies. Figures are, therefore, not shown for an industry or a geographic unit which is represented by only one or two companies, or by more companies when one or two companies produce a very large proportion of the combined output of all the companies. This restriction has no effect upon statistics by industry for the entire United States, or statistics for all industries within States and standard metropolitan areas. There are many instances, however, where this restriction makes it necessary to withhold figures for counties and cities, and for industries within States and areas.

**Annual Survey of Manufactures.**—This survey, which was conducted for the first time in 1949, carries forward, for the intercensal years, the key measures of manufacturing activity covered in detail by the quinquennial Census of Manufactures. It is designed to yield estimates of general statistics (employment, payrolls, value added by manufacture, inventories, and capital expenditures) for industry groups, important individual industries, geographic divisions, States, and important cross-tabulations of major industry groups by division and by State.

The annual survey is based on a sample of approximately 45,000 out of a total of almost 250,000 manufacturing establishments. Included are all large plants and a representative sample of the much more numerous small plants. The large plants in the survey account for approximately two-thirds of total manufacturing employment in the United States. Government-owned and -operated establishments are excluded. Employment data shown for administrative and auxiliary units are obtained from employer reports for mid-March to the Bureau of Old-Age and Survivors Insurance. Figures shown for employment in administrative and auxiliary units in 1952 actually represent 1951 data; the Bureau of Old-Age and Survivors Insurance did not tabulate 1952 figures for these units.

The annual survey estimates vary from the totals that would have been obtained from a comparable complete canvass of all manufacturing establishments. The relative magnitude of this sampling variation, expressed in percentage form, is given in the table column captioned "Standard error." The standard error should be interpreted to mean that the sample estimates will differ from complete canvass totals by *less than*: (a) the percentage shown in approximately 2 cases out of 3; (b) twice the percentage shown in approximately 19 cases out of 20; and (c) three times the percentage shown in almost every case. It should be noted that standard errors are shown only for selected items. The standard errors of other measures are shown in the source report cited.

In making any study of the trend since 1947, it is important to take account of the effect of the sampling variation on the apparent increase or decrease shown between years. In addition to sampling errors, individual figures may be subject to biases arising from undetected response or procedural errors which are not reflected in the "standard errors." In general, figures are withheld from publication in the original source volumes if (a) the standard error of the estimate exceeds 15 percent, or (b) survey estimates are inconsistent with other Census series and related data. It must be noted that any estimate which can be derived by subtraction of one published figure from another may have a standard error considerably in excess of 15 percent.

The basic statistical measures of manufacturing activity, such as employment, payrolls, value added, etc., are defined in essentially the same way for the annual surveys as for the quinquennial census. Consequently, historical series shown in the following



tables may be considered to be generally comparable. However, it should be pointed out that beginning with 1949, average employment was calculated from the figures reported for the pay periods ending nearest the fifteenth of March, May, August, and November, whereas for 1947 such averages were based on twelve monthly employment figures. Further, 1947 figures exclude data for central administrative offices and auxiliary establishments of manufacturing concerns, which are included in the summary statistics for later years.

**Other current statistics.**—Monthly, quarterly, and annual commodity surveys are also conducted by the Bureau of the Census. These data are published currently in the *Facts for Industry* series. This series also includes releases of information collected by or for the War Production Board and successor agencies during the war and reconversion periods.

Reports on current activities of industries, or current movements of individual commodities, are also compiled by trade associations and trade journals, commercial agencies, and by such governmental agencies as Bureau of Labor Statistics, Agricultural Marketing Service, Business and Defense Services Administration, Fish and Wildlife Service, Tariff Commission, and Internal Revenue Service, in addition to the Bureau of the Census previously mentioned.

Abbreviated balance sheet and income account data on all United States manufacturing corporations are compiled and published annually by the Internal Revenue Service from corporation income and profits tax returns and holding company returns.

Data on financial operations and intercorporate relations of manufacturing corporations are collected from time to time by the Securities and Exchange Commission, the Tariff Commission, the Federal Trade Commission, and special investigating agencies. Financial statistics for certain manufacturing industries in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, types and amounts of security issues, and selected data on the salaries paid to officers and directors, are summarized and published for the leading corporations that are registered with the Securities and Exchange Commission. The Tariff Commission publishes commodity surveys which cover economic and competitive aspects of production, distribution, and international trade in selected important industries. Each survey deals with several products which are related because of the raw materials consumed, or competitive uses. The Federal Trade Commission has made several comprehensive studies of individual industries.

**Material in other sections.**—In addition to the statistics presented in this section, statistics on the output and activities of manufacturers will be found in various other sections of the *Statistical Abstract*. For example, a historical summation of production and consumption of raw materials appears in section 28, Mining and Mineral Products (see table 907); data on wages and hours appear in section 8, Labor Force, Employment, and Earnings; statistics on manufacturing corporations compiled from corporation income tax returns appear in section 14, Federal Government Finances and Employment, and in section 17, Business Enterprise; and statistics on lumber production in section 26, Forests and Forest Products. For page references to the commodity or industry, consult the index. For references to the important sources of statistics on manufacturing and related activities, see the listings under the appropriate subjects in the "Bibliography of Sources of Statistical Data," page 975.

**Geographic coverage.**—Statistics in this section relate to continental United States except as noted.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series J 1-12") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

FIG. LIII.—INDUSTRIAL PRODUCTION INDEXES: 1939 TO 1954

[1947-49 average for total = 100. Based on physical volume, adjusted for seasonal variation. See table 992]



Source: Board of Governors of the Federal Reserve System.



## No. 990.—MANUFACTURES—SUMMARY: 1849 TO 1953

[Figures for 1849 to 1919 comprise establishments whose products were valued at \$500 or more; for 1921 to 1939, establishments whose products were valued at \$5,000 or more; for 1947, figures cover all establishments employing 1 or more persons at any time during year. See also *Historical Statistics*, series J 1-12]

YEAR	Number of establishments	Number of proprietors and firm members	ALL EMPLOYEES <sup>1</sup>		PRODUCTION WORKERS		Value added <sup>3</sup> (\$1,000)
			Number (average for year) <sup>2</sup>	Salaries and wages (\$1,000)	Number (average for year)	Wages (\$1,000)	
Factories and hand and neighborhood industries:							
1849	123,025	(4)	(4)	(4)	957,059	236,755	463,983
1859	140,433				1,311,246	378,879	854,257
1869	252,148				2,053,996	620,467	1,395,119
1879	253,852				2,732,595	947,954	1,972,756
1889	353,864				4,129,355	1,820,854	4,102,301
1899	509,490				5,097,562	2,206,547	5,474,892
Factories, excluding hand and neighborhood industries:							
1899	204,750	(4)	4,850,019	2,258,654	4,501,919	1,892,574	4,646,981
1904	213,444	225,115	5,674,957	2,990,937	5,181,660	2,440,851	6,019,171
1909	264,810	272,421	7,012,066	4,105,470	6,261,736	3,205,213	8,160,075
1914	268,436	258,560	7,514,186	5,015,977	6,602,287	3,782,322	9,385,622
1919	270,231	249,865	9,836,801	12,426,902	8,464,916	9,664,009	23,841,624
1921	192,059	172,291	7,557,364	9,870,199	6,475,474	7,451,299	17,252,775
1923	192,096	147,958	9,474,658	12,996,460	8,194,170	10,148,624	24,569,487
1925	183,877	132,971	9,142,417	12,957,707	7,871,409	9,979,649	25,667,624
1927	187,629	132,151	9,072,052	13,123,135	7,848,070	10,099,465	26,325,394
1929	206,663	132,686	9,659,742	14,284,282	8,369,705	10,884,919	30,591,435
1931	171,450	(4)	(4)	(4)	6,163,144	6,688,541	18,600,532
1933	139,325	72,267	6,557,925	6,237,800	5,787,611	4,940,146	14,007,540
1935	167,916	81,521	8,262,295	9,564,754	7,203,794	7,311,329	18,552,553
1937	166,794	99,268	9,786,402	12,829,749	8,569,231	10,112,883	25,173,539
1939	173,802	123,655	9,527,306	12,706,102	7,808,205	8,997,515	24,487,304
1947	240,881	188,948	14,294,304	39,689,527	11,916,188	30,242,343	74,425,825
1949 <sup>9</sup>	(4)	(4)	10 13,880,050	10 42,752,032	11,016,301	30,253,971	75,366,527
1950 <sup>9</sup>	10 247,307	(4)	10 14,769,931	10 47,892,894	11,778,803	34,600,025	89,749,765
1951 <sup>9</sup>	10 262,000	(4)	10 15,612,619	10 55,992,091	12,508,914	40,654,832	102,085,814
1952 <sup>9</sup>	10 267,000	(4)	10 16,061,041	10 61,140,558	12,706,032	43,763,640	109,162,079
1953 <sup>9</sup>	(4)	(4)	10 17,093,004	10 68,590,424	13,500,934	48,979,102	121,659,136

<sup>1</sup> Beginning 1939 includes data for employees of manufacturing establishments engaged in distribution and construction work. Extent to which data for such employees were included in figures for earlier years is not known.

<sup>2</sup> Data for 1949-53 based on pay periods ending nearest 15th of Mar., May, Aug., and Nov. For 1947, data represent average of 12 monthly figures; for earlier years, sum of average number of production workers for year and number of nonproduction workers reported for 1 payroll period (usually in October).

<sup>3</sup> Value of products less cost of materials, supplies, fuel, electricity, and contract work. For 1849-1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture.

<sup>4</sup> Not available. <sup>5</sup> Reduced to gold basis. <sup>6</sup> Excludes data for salaried officers of corporations.

<sup>7</sup> Revised on basis of retabulation of returns to exclude data for establishments classified as nonmanufacturing in 1947. Value added by manufacture on a basis comparable with 1937 and previous years was \$24.7 billion.

<sup>8</sup> Number of proprietors and firm members not revised. Figures for "All employees" revised on basis of estimates rather than by retabulation of 1939 reports. (See footnote 7.)

<sup>9</sup> Estimates based on sample survey; see text, p. 796. For standard errors of estimates, see subsequent tables.

<sup>10</sup> Includes data for plants idle throughout year, administrative offices, and units auxiliary to manufacturing.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and *Annual Survey of Manufactures*.

## No. 991.—POPULATION, WAGE EARNERS, AND PRODUCTION—INDEXES: 1899 TO 1947

[1899=100. See also *Historical Statistics*, series J.13 for indexes of production]

CENSUS YEAR	Population	Wage earners	Production (quantity) <sup>1</sup>	Production per wage earner	CENSUS YEAR	Population	Wage earners	Production (quantity) <sup>1</sup>	Production per wage earner
1899	100	100	100	100	1927	158	178	317	178
1904	110	115	124	108	1929	162	190	364	192
1909	121	139	158	114	1931	166	140	262	187
1914	131	147	186	127	1933	168	131	228	174
1919	140	191	222	116	1935	170	163	301	185
1921	145	147	194	132	1937	172	194	376	194
1923	149	186	280	151	1939	175	187	373	199
1925	154	178	298	167	1947	193	(2)	649	(2)

<sup>1</sup> Index of physical output for 1899-1939 from National Bureau of Economic Research. <sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; 1939 Census of Manufactures, Vol. I, and records.

## No. 992.—INDUSTRIAL PRODUCTION—INDEXES, BY INDUSTRY GROUPS: 1947 TO 1954

[1947-49 average=100. Monthly data adjusted for seasonal variation. The indexes shown here constitute a basic revision of the Federal Reserve index of industrial production. For details on composition and construction of the index, see *Federal Reserve Bulletin*, December 1953. See also *Historical Statistics*, series J 30-48 and G 6-8, for indexes on 1935-39 base]

YEAR AND MONTH	Total	MANUFACTURES										
		Total	Durable manufactures									
			Total	Primary metals	Fabricated metal products	Machinery	Transportation equipment	Instruments and related products	Stone, clay, and glass products	Lumber and products	Furniture and fixtures	Misc. manufactures
1947.....	100	100	101	103	103	103	96	100	98	101	100	100
1948.....	104	103	104	107	104	104	102	105	105	106	104	105
1949.....	97	97	95	90	93	93	102	95	97	93	96	95
1950.....	112	113	116	115	115	114	120	114	118	113	117	117
1951.....	120	121	128	126	122	130	135	128	131	113	111	120
1952.....	124	125	136	116	121	147	154	142	125	111	113	122
Mar.....	121	122	131	125	117	138	145	137	123	108	108	114
June.....	118	119	125	63	113	144	152	138	124	110	112	118
Sept.....	129	130	144	132	125	154	166	146	127	116	116	127
Dec.....	133	135	152	135	134	161	190	154	129	115	120	135
1953.....	134	136	153	132	136	160	189	155	133	118	117	140
Mar.....	135	137	155	136	137	163	190	155	135	121	121	138
June.....	136	138	154	137	139	161	188	157	134	114	122	145
Sept.....	133	135	152	130	135	161	186	155	134	114	114	140
Dec.....	126	127	142	113	126	146	182	154	129	110	106	136
1954.....	125	127	137	108	123	142	175	140	131	115	106	131
Mar.....	123	125	135	103	120	138	173	144	130	116	104	130
June.....	124	125	135	108	122	139	170	135	129	108	104	131
Sept.....	124	126	137	105	122	147	167	137	134	116	109	132
Dec.....	130	131	143	121	125	145	187	140	135	131	108	131

YEAR AND MONTH	MANUFACTURES—continued											Minerals, total
	Nondurable manufactures											
	Total	Textile mill products	Apparel and allied products	Rubber products	Leather and products	Paper and allied products	Printing and publishing	Chemicals and allied products	Petroleum and coal products	Food and beverage manufactures	Tobacco manufactures	
1947.....	99	101	97	106	106	99	93	97	97	101	99	100
1948.....	102	105	102	102	100	102	103	103	104	99	101	106
1949.....	99	94	101	92	94	98	103	101	99	100	100	94
1950.....	111	111	108	119	101	118	111	121	110	103	101	105
1951.....	114	107	105	119	94	125	113	136	122	105	107	115
1952.....	114	103	108	116	99	120	116	137	123	105	110	114
Mar.....	112	99	105	115	95	118	113	134	124	105	109	118
June.....	113	101	109	114	98	116	117	135	116	106	108	106
Sept.....	116	107	109	117	98	124	118	139	131	105	110	119
Dec.....	118	108	114	128	104	127	119	141	128	106	114	117
1953.....	118	104	110	128	99	132	121	147	130	107	108	116
Mar.....	119	108	112	138	103	133	120	145	128	107	116	115
June.....	121	111	115	130	99	134	121	150	131	106	103	119
Sept.....	117	100	104	121	91	135	121	147	131	109	104	118
Dec.....	112	90	101	116	93	125	120	145	128	103	112	113
1954.....	116	95	105	115	95	134	120	148	125	106	102	111
Mar.....	114	91	108	113	93	131	119	146	122	106	103	112
June.....	116	93	106	120	95	136	121	148	124	108	107	114
Sept.....	115	95	101	117	91	137	121	150	125	105	102	108
Dec.....	119	101	107	133	100	136	121	155	129	106	101	116

Source: Board of Governors of the Federal Reserve System. Figures published monthly in *Federal Reserve Bulletin*.



# No. 993.—CONCENTRATION OF EMPLOYMENT IN MANUFACTURING COMPANIES, BY INDUSTRY: 1950 AND 1951

[Represents industries having employment of 60,000 or more in 1951; ranked in order of 1951 employment. Figures are based on sample and subject to sampling variation (see standard error columns). Tabulations from which data were taken were limited to those companies considered large in terms of employment as shown by 1947 Census of Manufactures. Where evidence indicated that the sample did not include companies which, in 1947, were among the largest 4 or largest 8 in an industry, the concentration ratio has been noted as not available. Moreover, there were certain companies which subsequently (1948 to 1951) qualified as large and may rank among the first 8 companies, which may have been omitted from the sample]

INDUSTRY <sup>1</sup>	1950				1951			
	Employment	Concentration ratio <sup>2</sup>		Standard error <sup>4</sup>	Employment	Concentration ratio <sup>2</sup>		Standard error <sup>4</sup>
		Largest 4 companies <sup>3</sup>	Largest 8 companies <sup>3</sup>			Largest 4 companies <sup>3</sup>	Largest 8 companies <sup>3</sup>	
	1,000			Percent	1,000			Percent
Motor vehicles and equipment.....	721	.59	.69	1	721	.58	.66	1
Steel works and rolling mills.....	504	.55	.69	1	540	.54	.68	1
Sawmills and planing mills, general.....	459	.04	( <sup>5</sup> )	3	424	.04	( <sup>5</sup> )	3
Cotton broad woven fabrics.....	344	.14	.22	2	340	.15	.24	1
Aircraft.....	186	.53	.73	1	312	.52	.73	1
Newspapers.....	267	.16	.20	3	274	.15	.20	3
Bread and other bakery products.....	246	.16	.24	3	258	.16	.24	4
Radios and related products.....	202	.21	.32	3	217	.20	.30	3
Footwear, except rubber.....	230	.22	.28	3	215	.23	.29	8
Meat packing, wholesale.....	209	.47	.59	2	214	.46	.57	3
Commercial printing.....	196	.09	.13	8	203	.10	.15	5
Gray-iron foundries.....	150	.18	.24	3	165	.16	.21	4
Paper and board exc. building.....	150	.15	.22	1	153	.14	.22	3
Metal stampings.....	140	.17	.26	3	151	.16	.24	6
Petroleum refining.....	139	.40	.61	1	151	.39	.60	2
Canning and preserving, except fish.....	129	.20	.29	4	141	.19	.28	4
Men's and boys' suits and coats.....	151	.13	.19	7	136	.10	.17	5
Wood house furniture, upholstered.....	140	.06	.10	5	136	.07	.11	5
Dresses, unit price.....	138	.02	( <sup>5</sup> )	8	125	.02	( <sup>5</sup> )	8
Paperboard boxes.....	118	.12	.19	3	123	.12	.20	3
Motors and generators.....	93	.59	.68	2	117	.55	.64	2
Refrigeration machinery.....	123	.41	.59	3	117	.38	.55	3
Cutting tools, jigs, fixtures, etc.....	87	.11	.17	4	112	.11	.17	5
Ship building and repairing.....	75	.53	.63	4	108	.44	.56	4
Aircraft engines.....	68	.54	.79	2	107	.55	.81	3
Rayon and related broad woven fabrics.....	96	.26	.34	3	106	.25	.34	6
Woolen and worsted fabrics.....	113	.29	.41	3	98	.26	.37	4
Men's dress shirts and nightwear.....	87	.17	.25	4	97	.14	.22	6
Tractors.....	79	.76	.90	1	95	.77	.91	1
Structural and ornamental products.....	91	.20	.23	3	94	.19	.24	4
Tires and inner tubes.....	90	.78	.90	1	92	.77	.89	1
Farm machinery (exc. tractors).....	87	.45	.57	4	91	.45	.58	4
Construction and mining machinery.....	70	.16	.26	4	86	.17	.28	5
Bottled soft drinks.....	95	( <sup>5</sup> )	( <sup>5</sup> )	4	84	( <sup>5</sup> )	( <sup>5</sup> )	5
Machine tools.....	55	.25	.38	4	84	.23	.36	9
Yarn mills, cotton system.....	84	.12	.20	2	84	.13	.21	2
Malt liquors.....	81	.19	.30	3	82	.21	.33	4
Valves and fittings (exc. plumbers').....	70	.21	.31	4	82	.26	.34	3
Finishing textiles, except wool.....	89	.12	.20	2	81	.12	.21	4
Electrical control apparatus.....	65	.38	.57	4	75	.44	.59	3
Full-fashioned hosiery mills.....	77	.16	.25	4	75	.16	.24	7
Machine shops.....	52	.12	.17	5	75	.10	.15	7
Synthetic fibers.....	72	.76	.94	1	73	.79	.97	1
Steel foundries.....	52	.23	.35	4	73	.26	.37	4
Millwork plants.....	74	.07	.12	5	73	.08	.12	5
Nonferrous foundries.....	65	.22	.31	2	71	.23	.31	3
Pharmaceutical preparations.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	68	.25	.37	7
Confectionery products.....	81	.12	.20	6	67	.12	.21	5
Concrete products.....	61	( <sup>5</sup> )	( <sup>5</sup> )	6	65	( <sup>5</sup> )	( <sup>5</sup> )	10
Boiler shop products.....	63	.19	.25	3	65	.22	.29	6
Electronic tubes.....	47	.64	.83	1	63	.68	.84	3
Mechanical measuring instruments.....	60	.30	.43	3	63	.33	.46	3
Ball and roller bearings.....	48	.63	.79	4	60	.60	.78	5

<sup>1</sup> Represents only the "4-digit" (Standard Industrial Classification) industries appearing in the 1950 and 1951 Annual Survey of Manufactures; excludes "residual" (usually referred to as "not elsewhere classified") industries.

<sup>2</sup> Employment of 4 largest companies (or 8 largest companies) divided by total employment of the industry.

<sup>3</sup> Employment data originally collected on the basis of "establishments" have been summarized into company totals. Company affiliations of the "establishments" are based on Census records. Largest company ranking is determined by each company's total number of employees in the specified industry.

<sup>4</sup> See text, p. 796, for explanation of standard error. <sup>5</sup> Not available.

Source: Department of Commerce, Bureau of the Census; Annual Survey of Manufactures.

# No. 994.—PROPORTION OF OUTPUT CONCENTRATED IN LARGEST MANUFACTURING COMPANIES: 1947 AND 1935

[Represents industries having shipments of one billion dollars and over; arrayed in order of value of shipments in 1947. Although industry classifications have changed considerably since the 1935 Census, direct comparisons are possible between 1947 and 1935 concentrations for 10 industries shown]

INDUSTRY	1947						1935 CONCENTRATION RATIOS	
	Number of com- panies	Value of shipments (\$1,000)	CONCENTRATION RATIOS				First 4 com- panies	First 8 com- panies
			First 4 com- panies	First 8 com- panies	First 20 com- panies	First 50 com- panies		
Motor vehicles and parts.....	779	1 3, 577, 404	55.7	63.6	77.8	88.5		
Meat packing, wholesale.....	1, 999	1 976, 995	41.3	53.6	62.5	68.8		
Steel works and rolling mills.....	111	1 2, 275, 697	44.7	62.8	81.1	94.2		
Petroleum refining.....	277	6, 623, 708	37.3	58.8	82.7	91.7	38.2	58.9
Cotton broad woven fabrics.....	422	3, 294, 623	13.1	22.2	40.4	63.2		
Paper and board mills.....	453	2, 812, 048	15.6	23.7	36.5	56.4		
Sawmills and planing mills, general.....	19, 223	2, 526, 927	5.4	7.2	11.0	17.9		
Flour and meal.....	1, 084	2, 511, 543	29.0	40.6	56.7	72.2	29.4	37.0
Bread and other bakery products.....	5, 985	2, 416, 891	16.4	25.9	36.3	45.9		
Prepared animal feeds.....	2, 372	2, 130, 263	18.8	26.7	39.8	53.3	23.0	34.3
Newspapers.....	8, 115	1, 917, 302	20.9	26.0	35.6	49.0		
Footwear, except rubber.....	1, 077	1, 716, 980	27.9	34.7	45.0	55.3		
Blast furnaces.....	33	1, 713, 945	67.3	82.1	95.5		66.0	82.8
Canning and preserving, except fish.....	1, 856	1, 640, 754	26.7	34.9	45.5	57.6		
Prepared meats.....	941	1 235, 537	29.5	39.6	49.6	62.5		
Tires and inner tubes.....	35	1, 547, 040	76.6	89.6	99.3		80.9	90.4
Radios and related products.....	799	1 773, 233	25.6	35.3	54.4	73.0		
Commercial printing.....	11, 810	1, 521, 655	9.1	13.4	20.3	28.7		
Paperboard boxes.....	1, 323	1, 475, 438	17.9	27.4	40.7	56.6	14.1	20.7
Organic chemicals, n. e. c.....	188	1, 445, 210	47.0	64.4	86.4	95.8		
Men's and boys' suits and coats.....	1, 761	1, 411, 575	8.8	15.3	26.1	39.9		
Refrigeration machinery.....	542	1 597, 486	39.1	54.5	71.6	84.1		
Woolen and worsted fabrics.....	427	1, 355, 209	28.1	40.4	56.0	71.7		
Dresses, unit price.....	4, 165	1, 353, 068	2.6	4.7	9.3	16.9		
Malt liquors.....	404	1, 317, 854	21.4	30.0	43.8	64.0	11.8	17.7
Food preparations, n. e. c.....	1, 801	1, 312, 466	31.8	40.8	52.8	64.8		
Paints and varnishes.....	1, 154	1, 248, 841	27.3	35.7	48.2	60.9		
Gray-iron foundries.....	1, 554	1, 172, 671	16.3	23.6	35.3	48.1		
Metal stampings.....	1, 954	1, 164, 299	17.4	25.3	37.1	51.5		
Heating and cooking apparatus, n. e. c.....	792	1, 134, 085	11.7	20.2	37.1	57.4		
Cigarettes.....	19	1, 131, 891	90.4	99.7			89.7	99.4
Soap and glycerin.....	223	1, 085, 789	79.0	85.9	92.7	97.1	73.5	83.1
Periodicals.....	2, 106	1, 085, 616	34.3	43.1	57.7	71.0		
Leather tanning and finishing.....	500	1, 070, 085	26.5	38.6	55.1	74.7	22.5	34.3
Copper rolling and drawing.....	56	1, 063, 658	60.1	76.5	92.2	100.0		
Motors and generators.....	224	1, 007, 186	58.6	66.0	80.4	93.0		
Women's suits and coats.....	2, 464	1, 003, 755	4.8	7.9	15.4	26.5		
Rayon and related broad woven fabrics.....	432	1, 002, 923	30.7	39.3	56.0	76.4		

<sup>1</sup> Value added by manufacture; value of shipments not used for concentration ratios because of excessive duplication in these industries owing to the fact that the products of some establishments of this industry are used as materials by other establishments also classified in this industry. Rank determined by value of shipments, however.

Source: Department of Commerce. Letter from Secretary of Commerce to Chairman, House of Representatives Subcommittee on Study of Monopoly Power (Celler Committee), with attachments (processed), Dec. 1, 1949. Based on 1947 Census of Manufactures.



## No. 995.—INDEXES OF OUTPUT OF CONSUMER DURABLE GOODS: 1947 TO 1954

[1947-49=100. For description of series, see *Federal Reserve Bulletin*, May 1954, pp. 438-447]

TYPE OF GOODS	1947	1948	1949	1950	1951	1952	1953	1954
<b>Consumer durables, total</b> .....	98	102	101	133	114	105	127	116
<b>Major durables</b> .....	93	100	107	149	122	109	138	125
Autos.....	85	93	122	159	127	103	146	131
Major household goods.....	99	105	96	143	118	115	132	122
Furniture and floor coverings.....	98	105	96	120	104	109	113	101
Household furniture.....	101	103	96	123	109	113	118	106
Floor coverings.....	91	111	98	111	90	95	99	88
Appliances and heaters.....	101	110	88	132	112	99	118	111
Major appliances.....	94	114	92	137	115	100	123	115
Ranges.....	104	118	78	120	98	75	90	79
Refrigeration appliances.....	84	115	101	154	127	106	137	124
Laundry appliances.....	102	113	85	132	116	115	141	148
Heating apparatus.....	123	99	78	117	102	94	100	97
Radio and television sets.....	92	89	119	243	178	184	230	214
Radio sets.....	133	99	68	77	64	53	67	52
Television sets.....	13	70	217	561	396	436	541	522
<b>Other consumer durables</b> .....	109	105	86	95	96	95	102	95
Auto parts and tires.....	114	106	80	87	89	90	91	91
Miscellaneous home and personal goods.....	105	104	92	101	101	100	111	99

Source: Board of Governors of the Federal Reserve System; published currently in *Federal Reserve Bulletin*.

## No. 996.—COST OF FUELS CONSUMED AND PURCHASED ELECTRIC ENERGY, FOR MAJOR INDUSTRY GROUPS: 1952 AND 1953

[In thousands of dollars. Excludes value of fuels and electric energy produced and consumed in the same establishment; also excludes cost of fuels used as raw materials, such as coal used in making coke. Figures based on sample and subject to sampling variation. Standard errors for figures generally range from 1 to 10 percent. See p. 796 for explanation of standard error]

INDUSTRY GROUP	1952			1953		
	Total	Cost of fuels consumed <sup>1</sup>	Cost of purchased electric energy	Total	Cost of fuels consumed <sup>1</sup>	Cost of purchased electric energy
<b>All industries, total for manufacturing establishments</b> .....	4,861,422	3,288,107	1,573,315	5,395,438	3,675,024	1,720,414
Food and kindred products.....	363,239	208,284	154,975	360,417	215,740	144,677
Tobacco manufactures.....	7,817	4,677	3,140	7,852	4,554	3,298
Textile mill products.....	215,406	97,105	118,301	222,953	98,593	124,360
Apparel and related products.....	62,079	24,857	37,222	67,624	27,720	39,904
Lumber and products (except furniture).....	145,713	89,133	56,580	143,312	88,771	54,541
Furniture and fixtures.....	35,767	15,451	20,316	36,585	16,009	20,576
Paper and allied products.....	257,468	185,007	71,861	284,070	204,164	79,906
Printing and publishing industries.....	72,933	26,666	46,267	73,654	28,199	45,455
Chemical and allied products.....	482,678	315,570	167,108	538,978	347,243	191,735
Petroleum and coal products.....	196,595	151,917	44,678	224,762	173,474	51,288
Rubber products.....	57,185	25,662	31,523	60,344	26,602	33,742
Leather and leather products.....	27,217	14,643	12,574	29,261	15,428	13,833
Stone, clay and glass products.....	359,797	267,237	92,560	372,046	277,480	94,566
Primary metal industries.....	1,814,148	1,514,233	299,915	2,127,081	1,778,020	349,061
Fabricated metal products.....	157,533	74,390	83,143	172,216	80,006	92,210
Machinery (except electrical).....	206,619	97,819	108,800	217,303	99,345	117,958
Electrical machinery.....	97,250	39,311	57,939	108,612	41,302	67,310
Transportation equipment.....	196,092	89,699	106,393	220,531	96,479	124,052
Instruments and related products.....	21,822	10,145	11,677	24,099	11,886	12,213
Miscellaneous manufactures.....	84,044	35,701	48,343	103,738	44,009	59,729

<sup>1</sup> Comprises purchased fuel used for power and heat, such as anthracite and bituminous coal, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and wood.Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures*.

## No. 997.—WATER USE IN SELECTED MANUFACTURING INDUSTRIES: 1953

[For establishments reporting intake of 20 million or more gallons of water, which account for 90 to 95 percent of the water used. Date based on sample and subject to sampling variation]

INDUSTRY GROUP	TOTAL WATER INTAKE DURING ENTIRE YEAR (FRESH PLUS BRACKISH)		PERCENT OF TOTAL FRESH WATER INTAKE, BY SOURCE			Brackish water intake as percent of total intake	Water intake by establishments recirculating water as percent of total water intake
	Billion gallons	Million gallons per employee	Public water systems	Company water systems			
				Surface water	Ground water		
All industries, total.....	11, 430	1. 50	19. 8	66. 7	13. 5	21. 3	52. 6
Food and kindred products.....	521	0. 92	40. 3	21. 0	38. 7	17. 6	50. 6
Meat products.....	84	0. 45	43. 3	1. 8	54. 9	9. 5	42. 8
Canning, preserving, and freezing.....	47	0. 69	47. 0	1. 8	51. 2	7. 3	50. 0
Sugar.....	107	4. 63	13. 8	66. 1	20. 1	44. 3	59. 0
Beverages.....	81	0. 78	53. 4	8. 0	38. 6	12. 6	49. 6
Tobacco manufactures.....	(1)	0. 07	86. 5		13. 5	62. 8	29. 4
Textile mill products.....	299	0. 57	34. 4	44. 5	21. 1	10. 1	10. 5
Cotton and rayon broad-woven fabrics.....	120	0. 51	31. 7	20. 8	47. 5	19. 7	12. 2
Dyeing and finishing textiles, except knit goods.....	61	0. 97	22. 7	66. 0	11. 3	3. 6	8. 4
Carpets and rugs.....	6	0. 16	32. 2	59. 2	8. 6	24. 2	52. 6
Miscellaneous textile goods.....	8	0. 27	46. 2	43. 7	10. 1	2. 5	51. 2
Apparel and related products.....	7	0. 31	47. 2	50. 2	2. 6		36. 3
Lumber and products (except furniture).....	(1)	1. 58	16. 2	78. 5	5. 3	17. 0	7. 0
Miscellaneous wood products.....	2	0. 61	7. 2	84. 1	8. 7	4. 2	88. 3
Furniture and fixtures.....	7	0. 13	72. 9	12. 3	14. 8	7. 0	17. 0
Household furniture.....	5	0. 16	81. 0	0. 1	18. 9	9. 8	5. 1
Paper and allied products.....	1, 256	5. 20	13. 1	65. 9	21. 0	13. 8	74. 6
Pulp, paper, and paperboard.....	1, 231	6. 41	12. 9	65. 9	21. 2	14. 1	75. 1
Paper coating and glazing.....	9	0. 52	5. 6	69. 6	24. 8		35. 4
Printing and publishing industries.....	12	0. 12	92. 0		8. 0	9. 3	17. 5
Chemicals and allied products.....	2, 784	5. 87	7. 4	71. 2	21. 4	34. 3	50. 3
Industrial inorganic chemicals.....	783	11. 98	7. 7	59. 4	32. 9	14. 1	42. 6
Drugs and medicines.....	28	0. 54	27. 5	42. 2	30. 3	7. 9	32. 4
Soap and related products.....	22	0. 87	55. 4	13. 2	31. 4	45. 6	51. 6
Gum and wood chemicals.....	32	5. 63	25. 9	22. 4	51. 7	0. 1	55. 7
Petroleum and coal products.....	1, 923	9. 85	31. 6	60. 0	8. 4	36. 6	57. 5
Coke and byproducts.....	313	8. 93	8. 9	88. 0	3. 1	14. 2	62. 7
Rubber products.....	(1)	0. 55	25. 6	55. 1	19. 3	21. 1	68. 7
Tires and inner tubes.....	80	0. 81	7. 3	72. 2	20. 5	21. 4	68. 2
Leather and leather products.....	(1)	0. 38	39. 4	31. 2	29. 4	14. 1	13. 7
Stone, clay, and glass products.....	185	0. 86	24. 9	63. 1	12. 0	5. 4	66. 8
Pressed and blown glassware.....	12	0. 18	51. 0	3. 8	45. 2	7. 2	33. 7
Primary metal industries.....	3, 670	3. 64	13. 2	82. 9	3. 9	10. 3	50. 7
Blast furnaces and steel mills.....	3, 357	5. 61	12. 3	84. 8	2. 9	9. 2	52. 8
Iron and steel foundries.....	31	0. 26	57. 6	33. 2	9. 2	21. 1	30. 8
Primary nonferrous metals.....	181	3. 79	7. 5	72. 8	19. 7	24. 9	20. 0
Nonferrous metal rolling and drawing.....	55	0. 63	19. 7	71. 4	8. 9	22. 8	39. 5
Miscellaneous primary metal industries.....	38	0. 33	59. 6	23. 5	16. 9	5. 0	45. 8
Fabricated metal products.....	(1)	0. 23	83. 4	5. 2	11. 4	5. 7	10. 4
Cutlery, hand tools, and hardware.....	13	0. 18	71. 3	7. 6	21. 1	34. 7	24. 4
Machinery (except electrical).....	152	0. 18	60. 0	24. 8	15. 2	5. 7	39. 5
Engines and turbines.....	22	0. 28	16. 5	78. 3	5. 2	10. 7	33. 7
Tractors and farm machinery.....	22	0. 17	38. 4	59. 5	2. 1	7. 5	70. 8
Office and store machines.....	6	0. 08	37. 3		62. 7		41. 7
Service and household machines.....	21	0. 13	52. 8	1. 0	46. 1	5. 0	60. 3
Miscellaneous machinery parts.....	42	0. 40	89. 0	1. 0	10. 0	1. 7	12. 6
Electrical machinery.....	52	0. 09	73. 3	16. 1	10. 6	9. 5	41. 1
Electrical industrial apparatus.....	26	0. 13	64. 5	27. 1	8. 4	13. 3	27. 2
Insulated wire and cable.....	2	0. 19	58. 5	12. 6	28. 9	30. 7	31. 6
Communications equipment and related products.....	16	0. 05	82. 5	6. 3	11. 2	2. 5	45. 6
Transportation equipment.....	137	0. 09	75. 8	8. 5	15. 7	5. 7	30. 9
Aircraft and parts.....	36	0. 05	76. 4	7. 4	16. 2	9. 8	33. 4
Railroad equipment.....	9	0. 14	42. 8	50. 6	6. 6		27. 0
Instruments and related products.....	25	0. 18	46. 4	31. 5	22. 1	17. 8	61. 4
Miscellaneous manufactures.....	(1)	0. 20	28. 4	14. 3	57. 3	5. 5	64. 6

<sup>1</sup> Withheld because the estimate does not meet publication standards.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures*.



# No. 998.—INVENTORY OF PUBLIC WATER SUPPLIES FOR COMMUNITY WATER SYSTEMS: 1953

[Includes only systems serving communities having a 1950 population of 25,000 or more. Estimated number of public water systems in continental United States is 16,000 systems serving a population of approximately 106 million. An estimated 20 percent of water used by manufacturing industries is supplied by public water systems]

ITEM	Total communities	COMMUNITIES SERVED HAVING 1950 POPULATION OF—				
		500,000 or more	250,000 to 500,000	100,000 to 250,000	50,000 to 100,000	25,000 <sup>1</sup> to 50,000
Communities and districts.....number.....	548	22	27	71	131	297
1950 Census population.....1,000.....	64,656	<sup>2</sup> 26,753	<sup>2</sup> 8,892	9,846	9,331	9,834
Estimated population served.....do.....	80,333	<sup>2</sup> 31,919	<sup>2</sup> 10,828	13,172	12,206	12,208
Ownership of public water supply.....number.....	538	21	28	72	128	289
Municipal or district public.....do.....	452	20	25	63	106	238
Private.....do.....	86	1	3	9	22	51
Average output of water <sup>3</sup> .....mil. gal. daily.....	11,699.5	5,245.3	1,643.5	1,879.7	1,489.7	1,441.3
Water used, maximum month <sup>3</sup> .....mil. gal.....	444,762	199,111	57,833	68,197	60,190	59,431
Water used, maximum day <sup>3</sup> .....mil. gal. daily.....	17,918.6	7,596.8	2,713.9	2,887.5	2,362.2	2,358.2
Impounded storage.....mil. gal.....	3,359,061	1,316,382	589,711	959,305	227,938	265,725
Safe yield watershed or stream.....mil. gal. daily.....	57,263.7	4,438.3	1,408.0	48,720.3	1,294.4	1,402.7
Transmission capacity, maximum.....do.....	16,352.7	10,268.5	2,105.3	1,411.1	1,127.8	1,440.0
Safe yield, ground water.....do.....	3,515.7	245.0	181.0	1,062.5	872.0	1,155.2
Raw water storage.....mil. gal.....	172,721.1	64,381.0	99,263.0	949.6	5,881.4	2,246.1
Raw water pumping capacity.....mil. gal. daily.....	16,796.3	6,914.0	1,664.3	3,124.1	2,655.9	2,438.0
Treatment plant:						
Rated capacity.....do.....	10,216.8	3,717.5	1,917.0	1,882.3	1,416.6	1,283.4
Overload capacity.....do.....	13,186.0	5,027.5	2,352.5	2,400.0	1,798.3	1,607.7
Clear water storage.....mil. gal.....	2,592.7	911.6	391.4	307.9	249.9	731.9
Service pumping capacity.....mil. gal. daily.....	21,993.0	9,060.5	2,663.5	3,549.5	3,686.4	3,033.1
Distribution storage:						
Ground.....mil. gal.....	24,470.5	19,624.5	887.5	892.8	1,382.7	1,683.0
Elevated.....do.....	11,673.0	6,966.5	1,500.4	1,119.2	734.8	1,352.1
Number of services <sup>3</sup> .....1,000.....	16,010	4,966	2,348	2,849	2,684	3,163
Number of meters <sup>3</sup> .....do.....	12,847	3,055	2,082	2,566	2,417	2,727

<sup>1</sup> Includes systems serving over 25,000 population although Census population was less than 25,000.

<sup>2</sup> Includes only net population of Districts, such as, East Bay Municipal Utility District, Boston Metropolitan District, and others, after deleting the population of communities that fall in other groups.

<sup>3</sup> Approximately 2 to 4 percent estimated.

Source: Department of Commerce, Business and Defense Services Administration.

## No. 999.—PUBLIC WATER SUPPLIES OF MAJOR COMMUNITY WATER SYSTEMS, BY GEOGRAPHIC DIVISIONS: 1953

[See headnote, table 998]

DIVISION	1950 Census population	Estimated population served	Major systems in group	Normal rated capacity	Maximum capacity	Average output	Water used, maximum day	Maximum day as percent of average output
	1,000	1,000	Number	Mil. gal. daily	Mil. gal. daily	Mil. gal. daily	Mil. gal. daily	Percent
Continental U. S.....	64,840	79,596	552	18,742.9	22,157.9	11,762.0	17,938.8	153
New England.....	5,190	6,012	74	1,179.9	1,308.5	686.5	961.3	140
Middle Atlantic.....	17,793	21,895	103	3,642.5	4,797.4	3,036.8	4,206.1	139
South Atlantic.....	6,124	9,088	69	1,805.5	2,140.5	1,126.4	1,622.3	144
East South Central.....	2,562	3,334	28	632.2	750.7	460.7	640.0	139
East North Central.....	15,053	17,849	123	5,313.7	6,063.4	3,087.5	4,702.8	152
West North Central.....	4,783	5,340	44	1,367.5	1,596.8	713.3	1,168.8	164
West South Central.....	4,855	5,717	43	1,307.6	1,591.6	713.6	1,224.1	172
Mountain.....	1,352	1,836	19	887.8	1,031.2	407.0	826.6	203
Pacific.....	7,129	8,524	49	2,606.2	2,877.8	1,530.2	2,586.8	169

Source: Department of Commerce, Business and Defense Services Administration; release.

**NO. 1000.—VALUE OF MANUFACTURERS' INVENTORIES, BY MAJOR INDUSTRY GROUPS:  
1947 AND 1953**

[In thousands of dollars. 1947 data exclude all small establishments reporting on "short" forms. 1953 figures based on sample and subject to sampling variation. See text, p. 795]

MAJOR INDUSTRY GROUP	1947					
	Inventories at beginning of year			Inventories at end of year		
	Total	Finished products <sup>1</sup>	Materials, supplies, and work in process <sup>2</sup>	Total	Finished products <sup>1</sup>	Materials, supplies, and work in process <sup>2</sup>
<b>All industries, total</b> .....	<b>22,432,422</b>	<b>6,159,703</b>	<b>16,272,719</b>	<b>26,129,137</b>	<b>7,808,637</b>	<b>18,320,500</b>
Food and kindred products.....	3,489,199	1,522,149	1,967,050	4,078,750	1,943,108	2,135,642
Tobacco manufactures.....	1,033,759	391,569	642,190	1,117,664	465,754	651,910
Textile mill products.....	1,609,619	339,750	1,269,869	1,788,166	385,472	1,402,694
Apparel and related products.....	1,087,339	365,489	721,850	1,257,372	449,094	808,278
Lumber and (products) exc. furniture.....	497,580	200,015	297,565	653,637	275,277	378,360
Furniture and fixtures.....	342,280	61,108	281,172	401,311	83,053	318,258
Paper and allied products.....	536,913	91,644	445,269	714,223	125,316	588,907
Printing and publishing industries.....	(3)	(3)	(3)	(3)	(3)	(3)
Chemicals and allied products.....	1,743,370	505,525	1,237,845	2,062,730	650,037	1,412,693
Petroleum and coal products.....	730,588	400,293	330,295	888,583	453,606	434,977
Rubber products.....	373,058	98,427	274,631	413,785	152,967	260,818
Leather and leather products.....	447,705	102,289	345,416	508,276	120,257	388,019
Stone, clay, and glass products.....	391,146	137,933	253,213	494,666	184,543	310,123
Primary metal industries.....	1,719,943	368,501	1,351,442	1,968,469	441,282	1,527,187
Fabricated metal products.....	1,254,132	233,753	1,020,379	1,500,320	315,639	1,184,681
Machinery (except electrical).....	2,833,852	677,792	2,156,060	3,354,237	890,262	2,463,975
Electrical machinery.....	1,342,433	188,439	1,153,994	1,489,516	291,340	1,198,176
Transportation equipment.....	2,048,774	242,172	1,806,602	2,377,482	296,994	2,080,488
Instruments and related products.....	382,098	83,172	298,926	429,047	103,757	325,290
Miscellaneous manufactures.....	568,634	149,683	418,951	630,903	180,879	450,024

MAJOR INDUSTRY GROUP	1953						
	Inventories at beginning of year			Inventories at end of year			Standard error <sup>4</sup> (percent)
	Total	Finished products	Materials, supplies, and work in process <sup>2</sup>	Total	Finished products	Materials, supplies, and work in process <sup>2</sup>	
<b>All industries, total</b> .....	<b>40,709,417</b>	<b>12,471,783</b>	<b>28,237,634</b>	<b>42,517,598</b>	<b>13,905,372</b>	<b>28,612,226</b>	<b>1</b>
Food and kindred products.....	4,613,525	2,626,165	1,987,360	4,554,398	2,645,341	1,909,057	2
Tobacco manufactures.....	1,606,343	626,395	979,948	1,627,094	644,113	982,981	1
Textile mill products.....	2,459,515	838,791	1,620,724	2,433,847	954,828	1,479,019	4
Apparel and related products.....	1,532,782	590,767	942,015	1,572,904	678,983	893,921	2
Lumber and products (except furniture).....	1,121,315	500,609	620,706	1,131,594	515,249	616,345	4
Furniture and fixtures.....	571,021	151,472	419,549	591,168	161,284	429,884	3
Paper and allied products.....	1,055,341	254,085	801,256	1,069,119	275,119	794,000	2
Printing and publishing industries.....	(3)	(3)	(3)	(3)	(3)	(3)	2
Chemicals and allied products.....	3,056,376	1,128,953	1,927,423	3,046,346	1,217,661	1,828,685	1
Petroleum and coal products.....	1,436,165	734,952	701,213	1,599,848	822,445	777,403	2
Rubber products.....	647,516	297,733	349,783	652,833	330,989	321,844	2
Leather and leather products.....	497,212	150,461	346,751	513,315	173,452	339,863	2
Stone, clay, and glass products.....	776,391	311,621	464,770	808,129	343,915	464,214	2
Primary metal industries.....	3,278,387	639,869	2,638,518	3,694,846	866,501	2,828,345	1
Fabricated metal products.....	2,442,432	568,367	1,874,065	2,677,624	663,883	2,013,741	1
Machinery (except electrical).....	5,287,933	1,430,561	3,857,372	5,392,048	1,672,032	3,720,016	1
Electrical machinery.....	2,734,816	560,483	2,174,333	2,919,199	732,909	2,186,290	1
Transportation equipment.....	5,008,431	484,604	4,523,827	5,570,968	569,979	5,000,989	1
Instruments and related products.....	760,805	175,347	585,458	803,448	185,155	618,293	3
Miscellaneous manufactures <sup>3</sup> .....	1,823,111	400,548	1,422,563	1,858,870	451,534	1,407,336	2

<sup>1</sup> Includes value of goods produced by contract work on materials owned by manufacturers reporting.

<sup>2</sup> Includes value of fuel and all other inventories. <sup>3</sup> Data not collected.

<sup>4</sup> See text, p. 796, for explanation of standard error. Refers to total inventories columns. Standard errors for other columns are usually the same or slightly higher.

<sup>5</sup> Includes privately owned and/or operated establishments classified in "Ordnance and accessories."

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures*.



# No. 1001.—MANUFACTURES—GENERAL STATISTICS, BY MAJOR INDUSTRY GROUPS: 1947, 1950, AND 1953

[See text, p. 795. 1950 and 1953 figures based on sample and subject to sampling variation]

MAJOR INDUSTRY GROUP	1947					
	Number of es- tablish- ments	All employees		Production workers		Value added by manu- facture <sup>1</sup> (\$1,000)
		Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)	
All industries.....	240,881	14,294,304	39,689,527	11,916,188	30,242,343	74,425,825
Food and kindred products.....	39,933	1,441,847	3,789,387	1,099,478	2,572,190	9,024,912
Tobacco manufactures.....	1,086	111,782	205,838	103,289	175,318	641,356
Textile mill products.....	8,185	1,233,431	2,836,166	1,147,194	2,449,312	5,340,876
Apparel and related products.....	30,960	1,081,844	2,527,499	972,897	2,015,220	4,443,373
Lumber and products (exc. furniture) <sup>2</sup> .....	26,231	635,708	1,337,612	596,118	1,179,981	2,497,192
Furniture and fixtures.....	7,687	322,384	824,061	282,780	653,915	1,377,908
Paper and allied products.....	4,103	449,833	1,280,672	388,901	1,010,972	2,874,958
Printing and publishing industries.....	28,986	715,450	2,277,263	438,135	1,318,285	4,269,416
Chemicals and allied products.....	10,073	632,319	1,910,463	466,458	1,242,628	5,365,201
Petroleum and coal products.....	1,387	212,003	739,345	169,610	556,365	2,015,307
Rubber products.....	875	259,092	783,464	214,533	614,762	1,302,863
Leather and leather products.....	5,308	383,175	873,566	348,529	725,143	1,532,803
Stone, clay, and glass products.....	11,650	462,072	1,210,768	405,755	994,884	2,306,480
Primary metal industries.....	5,363	1,157,124	3,594,548	1,010,055	2,976,507	5,765,434
Fabricated metal products.....	16,734	971,461	2,832,835	822,514	2,188,581	4,921,476
Machinery (except electrical).....	17,906	1,545,323	4,804,563	1,244,135	3,592,771	7,812,455
Electrical machinery.....	3,973	801,359	2,271,039	639,147	1,647,401	3,894,115
Transportation equipment.....	3,711	1,181,680	3,719,583	987,142	2,939,815	5,869,196
Instruments and related products.....	2,599	231,997	665,347	181,939	467,785	1,080,336
Miscellaneous manufactures <sup>3</sup> .....	14,131	464,420	1,205,508	397,579	920,508	2,090,168

MAJOR INDUSTRY GROUP	1950		1953				Stand- ard error <sup>4</sup> (per- cent)		
	All em- ployees (average for the year)	Value added by manu- facture <sup>1</sup> (\$1,000)	All employees		Production workers				Value added by manu- facture <sup>1</sup> (\$1,000)
			Number (average for the year)	Salaries and wages, total (\$1,000)	Number (average for the year)	Wages, total (\$1,000)			
							1950	1953	
All industries.....	14,769,931	89,749,765	17,093,004	68,590,424	13,500,934	48,979,102	121,659,136	1	1
Food and kindred products.....	1,492,960	10,104,316	1,455,110	5,266,485	1,059,095	3,435,455	11,937,510	1	2
Tobacco manufactures.....	92,561	806,118	95,442	253,411	87,176	213,310	987,073	2	5
Textile mill products.....	1,245,152	5,642,106	1,158,471	3,455,295	1,060,398	2,910,348	5,411,769	2	1
Apparel and related products.....	1,150,624	4,175,974	1,227,161	3,357,941	1,105,498	2,652,212	5,414,627	3	2
Lumber and products (exc. furniture) <sup>2</sup> .....	750,499	3,165,760	719,900	2,086,794	658,352	1,803,186	3,500,524	3	3
Furniture and fixtures.....	345,912	1,666,898	360,842	1,259,319	309,910	972,725	2,046,805	1	3
Paper and allied products.....	477,752	3,437,715	533,312	2,180,228	441,608	1,646,492	4,463,237	3	2
Printing and publishing in- dustries.....	762,716	4,906,834	760,332	3,386,515	474,006	2,013,924	5,916,432	1	3
Chemicals and allied products.....	642,469	7,236,618	768,425	3,400,132	536,124	2,102,610	9,320,348	2	1
Petroleum and coal products.....	207,510	2,138,570	229,294	1,139,577	175,770	820,992	2,795,373	2	2
Rubber products.....	238,671	1,619,927	269,780	1,140,019	218,853	866,215	2,021,443	1	2
Leather and leather products.....	385,123	1,498,811	375,364	1,098,806	338,355	896,502	1,711,066	3	3
Stone, clay, and glass prod- ucts.....	490,568	3,138,263	506,439	1,948,876	430,888	1,538,450	3,752,912	2	2
Primary metal industries.....	1,129,040	7,950,990	1,287,765	6,001,743	1,102,455	4,867,388	11,003,954	1	1
Fabricated metal products.....	988,783	6,210,759	1,117,600	4,765,443	915,614	3,555,086	8,143,660	1	2
Machinery (except electrical).....	1,367,882	8,764,652	1,691,235	7,875,812	1,307,312	5,685,694	13,380,729	1	1
Electrical machinery.....	765,613	4,815,364	1,095,852	4,424,751	851,443	3,077,463	7,876,186	1	1
Transportation equipment.....	1,218,417	8,546,828	1,911,706	8,986,838	1,529,924	6,731,078	14,534,323	1	1
Instruments and related products.....	226,375	1,388,930	285,469	1,232,467	212,102	823,564	2,169,354	3	2
Miscellaneous manufactures <sup>3</sup> .....	488,324	2,534,332	843,544	3,232,056	686,051	2,366,408	5,271,811	3	2
Administrative and aux- iliary.....	302,980	-----	399,961	2,097,916	-----	-----	-----	-----	-----

<sup>1</sup> Value of products shipped less cost of materials, supplies, fuels, electric energy, and contract work.

<sup>2</sup> Excludes logging industry and small sawmills for 1947.

<sup>3</sup> Includes privately owned and/or operated establishments classified in "Ordnance and accessories."

<sup>4</sup> See text, p. 796, for explanation of standard error. Refers to columns "All employees—Number (average for the year)"; standard errors for other columns usually of same magnitude.

Source: Department of Commerce, Bureau of the Census; *Census of Manufactures: 1947*, Vol. II, and *Annual Survey of Manufactures*.

**NO. 1002.—MANUFACTURES—SELECTED STATISTICS, BY SIZE OF ESTABLISHMENT, FOR  
MAJOR INDUSTRY GROUPS: 1952**

[Value added figures in thousands of dollars. See text, p. 796. Figures are based on sample and subject to sampling variation (see standard error columns). Figures for value added by manufacture derived by subtracting from total value of products the cost of materials, supplies, containers, fuel, purchased electric energy and contract work. Each manufacturing establishment is classified in this table according to its employment size, irrespective of size of company owning it. Where a single physical location comprises 2 or more units engaged in separate industrial activities (and for which separate reports can be prepared), each unit is usually reported as a separate establishment]

MAJOR INDUSTRY GROUP AND ITEM	All estab- lishments	ESTABLISHMENTS WITH AVERAGE EMPLOYMENT OF—					Standard error <sup>1</sup> (percent)		
		1 to 249 em- ployees	250 to 499 em- ployees	500 to 999 em- ployees	1,000 to 2,499 em- ployees	2,500 em- ployees and more	A	B	C
		B	C	D	E	F			
<b>All industries, total:</b>									
Number of establishments.....	267,000	255,396	6,305	3,036	<sup>2</sup> 1,574	587	2	2	2
All employees.....	15,944,379	6,085,376	2,194,133	2,094,297	<sup>2</sup> 2,385,009	3,185,564	1	2	2
Value added by manufacture.....	\$108,477,364	\$37,478,008	\$14,711,082	\$14,869,889	<sup>2</sup> \$17,770,666	\$23,647,719	1	2	2
<b>Food and kindred products:</b>									
Number of establishments.....	36,829	35,818	646	250	<sup>3</sup> 91	24	4	6	6
All employees.....	1,479,583	856,296	218,289	170,993	<sup>3</sup> 138,152	95,853	2	5	5
Value added by manufacture.....	\$11,340,145	\$6,083,606	\$1,701,675	\$1,550,344	<sup>3</sup> \$1,174,334	\$830,186	2	5	5
<b>Tobacco manufactures:</b>									
Number of establishments.....	( <sup>4</sup> )	( <sup>4</sup> )	52	20	21	1			10
All employees.....	93,175	18,551	18,288	14,004	<sup>5</sup> 42,332	( <sup>5</sup> )	3	15	8
Value added by manufacture.....	\$867,590	\$95,348	\$103,620	\$76,898	<sup>5</sup> \$591,724	( <sup>5</sup> )	2	20	5
<b>Textile mill products:</b>									
Number of establishments.....	7,584	6,377	637	387	<sup>6</sup> 162	21	6	7	4
All employees.....	1,134,680	332,081	221,972	265,510	<sup>6</sup> 233,539	81,578	2	15	3
Value added by manufacture.....	\$5,256,507	\$1,573,202	\$1,030,873	\$1,217,643	<sup>6</sup> \$1,078,929	\$355,860	2	15	4
<b>Apparel and related products:</b>									
Number of establishments.....	28,979	28,211	588	146	30	4	7	5	8
All employees.....	1,142,655	792,926	198,769	94,072	42,567	14,321	3	9	7
Value added by manufacture.....	\$4,849,336	\$3,497,522	\$713,088	\$374,191	\$184,023	\$80,507	4	7	7
<b>Lumber and products (except furniture):</b>									
Number of establishments.....	( <sup>4</sup> )	49,556	243	69	<sup>7</sup> 12	1		5	5
All employees.....	742,705	595,054	82,452	46,536	<sup>7</sup> 18,663	( <sup>5</sup> )	3	4	4
Value added by manufacture.....	\$3,449,260	\$2,603,416	\$440,951	\$262,882	<sup>7</sup> \$142,011	( <sup>5</sup> )	3	4	4
<b>Furniture and fixtures:</b>									
Number of establishments.....	8,778	8,539	155	62	20	2	6	10	9
All employees.....	331,661	201,619	52,903	41,357	<sup>8</sup> 35,782	( <sup>5</sup> )	4	7	8
Value added by manufacture.....	\$1,904,405	\$1,113,217	\$304,976	\$258,208	<sup>8</sup> \$228,004	( <sup>5</sup> )	4	7	6
<b>Paper and allied products:</b>									
Number of establishments.....	4,334	3,819	332	144	38	1	4	10	3
All employees.....	482,734	214,209	114,489	97,206	<sup>8</sup> 56,830	( <sup>5</sup> )	2	5	3
Value added by manufacture.....	\$3,890,003	\$1,495,403	\$996,655	\$929,151	<sup>8</sup> \$468,794	( <sup>5</sup> )	2	4	3
<b>Printing and publishing indus- tries:</b>									
Number of establishments.....	30,147	29,683	258	122	72	12	6	10	15
All employees.....	772,801	445,325	88,618	86,807	106,423	45,628	3	7	9
Value added by manufacture.....	\$5,660,124	\$3,043,234	\$663,356	\$693,848	\$883,077	\$376,609	3	7	9
<b>Chemicals and allied products:</b>									
Number of establishments.....	11,007	10,515	261	121	77	33	6	8	4
All employees.....	698,071	268,526	91,492	86,849	120,086	131,118	2	4	4
Value added by manufacture.....	\$8,266,761	\$2,603,703	\$1,283,599	\$1,105,174	\$1,572,681	\$1,701,604	2	5	3
<b>Petroleum and coal products:</b>									
Number of establishments.....	1,024	( <sup>4</sup> )	87	54	28	14	30		4
All employees.....	220,227	45,061	32,848	36,354	42,443	63,521	2	15	5
Value added by manufacture.....	\$2,618,927	\$524,507	\$359,510	\$488,754	\$498,384	\$747,712	2	9	5
<b>Rubber products:</b>									
Number of establishments.....	730	( <sup>4</sup> )	71	48	34	21	30		20
All employees.....	255,079	29,687	24,519	35,931	50,174	114,768	2	20	15
Value added by manufacture.....	\$1,744,141	\$199,101	\$150,067	\$223,749	\$367,811	\$803,413	2	20	15
<b>Leather and leather products:</b>									
Number of establishments.....	5,012	4,541	359	98	13	1	9	15	7
All employees.....	361,373	151,815	124,624	63,897	<sup>9</sup> 21,040	( <sup>5</sup> )	2	8	7
Value added by manufacture.....	\$1,597,377	\$660,099	\$552,529	\$288,250	<sup>9</sup> \$96,499	( <sup>5</sup> )	2	8	6
<b>Stone, clay, and glass products:</b>									
Number of establishments.....	10,435	10,023	263	95	46	8	10	15	9
All employees.....	510,353	258,126	91,047	65,536	67,150	28,494	3	8	8
Value added by manufacture.....	\$3,531,294	\$1,685,412	\$659,592	\$493,776	\$509,566	\$182,948	3	7	6

See footnotes at end of table.



No. 1002.—MANUFACTURES—SELECTED STATISTICS, BY SIZE OF ESTABLISHMENT, FOR  
MAJOR INDUSTRY GROUPS: 1952—Continued

[Value added figures in thousands of dollars]

MAJOR INDUSTRY GROUP AND ITEM	All estab- lishments	ESTABLISHMENTS WITH AVERAGE EMPLOYMENT OF—					Standard error <sup>1</sup> (percent)		
		1 to 249 em- ployees	250 to 499 em- ployees	500 to 999 em- ployees	1,000 to 2,499 em- ployees	2,500 em- ployees and more	A	B	C
		B	C	D	E	F			
Primary metal industries:									
Number of establishments.....	5,500	4,621	401	228	165	85	5	9	4
All employees.....	1,239,570	197,990	144,764	160,457	259,645	476,714	1	6	4
Value added by manufacture.....	\$9,045,495	\$1,441,893	\$1,189,810	\$1,271,779	\$2,058,868	\$3,083,145	1	5	3
Fabricated metal products:									
Number of establishments.....	17,953	17,157	445	235	<sup>8</sup> 96	20	5	5	4
All employees.....	1,007,589	471,402	155,872	162,215	<sup>8</sup> 142,513	75,587	2	5	4
Value added by manufacture.....	\$7,168,308	\$3,348,949	\$1,145,295	\$1,186,217	<sup>8</sup> \$961,007	\$526,840	2	4	4
Machinery (except electrical):									
Number of establishments.....	20,336	19,097	612	314	230	83	5	5	5
All employees.....	1,650,533	470,567	215,969	220,769	353,857	389,371	2	4	5
Value added by manufacture.....	\$12,805,556	\$3,712,089	\$1,676,300	\$1,702,967	\$2,688,321	\$3,025,879	2	4	5
Electrical machinery:									
Number of establishments.....	4,421	3,723	295	195	135	73	7	10	15
All employees.....	956,337	150,795	104,807	138,126	205,174	357,435	2	7	10
Value added by manufacture.....	\$6,868,847	\$1,053,283	\$666,700	\$1,033,124	\$1,415,355	\$2,700,385	2	7	8
Transportation equipment:									
Number of establishments.....	3,610	2,966	168	171	<sup>9</sup> 167	138	10	7	10
All employees.....	1,635,270	104,540	62,412	118,572	<sup>9</sup> 264,437	1,085,309	1	7	10
Value added by manufacture.....	\$11,924,276	\$690,053	\$424,302	\$886,003	<sup>9</sup> \$2,144,642	\$7,779,276	1	8	15
Instruments and related products:									
Number of establishments.....	2,835	2,648	82	55	32	18	7	15	9
All employees.....	273,936	64,278	28,529	37,898	47,936	95,295	2	8	9
Value added by manufacture.....	\$1,958,071	\$425,430	\$217,430	\$274,562	\$320,407	\$720,242	2	8	9
Miscellaneous manufactures: <sup>10</sup>									
Number of establishments.....	14,572	14,169	198	129	60	16	8	8	7
All employees.....	627,675	317,206	69,654	86,007	92,646	62,162	7	15	6
Value added by manufacture.....	\$3,730,941	\$1,628,481	\$430,754	\$552,369	\$645,159	\$474,178	4	8	6
Administrative and auxiliary:									
Number of establishments.....	2,262	1,961	152	93	45	11	-----	-----	-----
All employees.....	328,372	99,322	51,819	65,201	67,790	44,240	-----	-----	-----

<sup>1</sup> See text, p. 796, for explanation of standard error. Standard errors for column D are: 5 percent or less for food and kindred products, textile mill products, apparel and related products, chemicals and allied products, primary metal industries, fabricated metal products, machinery (except electrical); and from 5 to 15 percent for furniture and fixtures, leather and leather products, instruments and related products, miscellaneous manufactures. Other estimates in columns D, E, and F, unless otherwise indicated, are based on reports from all establishments known to be in appropriate size classification.

<sup>2</sup> Standard error 1 percent.

<sup>3</sup> Standard error 3 percent for "Number of establishments" and "Value added," and 2 percent for "All employees."

<sup>4</sup> Withheld because estimate did not meet publication standards. See text, p. 796.

<sup>5</sup> Data cannot be shown without disclosing information for individual companies; therefore combined with figures for adjacent size class.

<sup>6</sup> Standard error 4 percent for "Number of establishments" and "All employees," and 5 percent for "Value added."

<sup>7</sup> Standard error 20 percent for "Number of establishments," 15 percent for "All employees," and 30 percent for "Value added."

<sup>8</sup> Standard error 6 percent for "Number of establishments," 5 percent for "All employees," and 4 percent for "Value added."

<sup>9</sup> Standard error 2 percent for "Number of establishments" and 1 percent for "All employees," and "Value added."

<sup>10</sup> Includes privately owned and/or operated establishments engaged primarily in manufacture of ordnance and accessories.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures: 1952*.

## No. 1003.—MANUFACTURES—GENERAL STATISTICS

[Money figures in thousands of dollars. See text, p. 795.]

	INDUSTRY GROUP	1947			1950		
		Number of establishments	All employees (average for the year)	Value added by manufacture <sup>1</sup>	All employees (average for the year) <sup>2</sup>	Number of production workers (average for the year)	Value added by manufacture <sup>1</sup>
1	All industries, total.....	240,881	14,294,304	74,425,825	14,769,931	11,778,803	89,749,765
2	Food and kindred products.....	39,933	1,441,847	9,024,912	1,492,960	1,074,750	10,104,316
3	Meat products.....	3,974	274,441	1,280,692	282,331	221,112	1,505,554
4	Dairy products.....	5,423	92,693	595,168	104,797	70,767	685,742
5	Canning, preserving, and freezing.....	3,826	201,627	916,621	204,916	177,514	1,127,289
6	Grain-mill products.....	4,206	113,217	1,001,692	115,004	83,592	1,111,046
7	Bakery products.....	7,123	279,368	1,365,809	293,720	190,296	1,639,228
8	Sugar.....	181	35,423	233,869	34,573	29,961	219,067
9	Confectionery and related products.....	1,754	91,710	587,065	(4)	(4)	(4)
10	Beverages.....	6,755	202,574	1,850,914	(4)	(4)	(4)
11	Miscellaneous food preparations.....	6,691	150,794	1,193,082	139,555	95,998	1,221,861
12	Tobacco manufactures.....	1,086	111,782	641,356	92,561	84,576	806,118
13	Cigarettes.....	28	27,674	368,417	27,743	25,420	493,049
14	Cigars.....	822	47,068	143,145	40,625	38,281	146,707
15	Chewing and smoking tobacco.....	73	11,139	57,571	8,656	7,632	64,071
16	Tobacco stemming and redrying.....	163	25,901	72,223	(4)	(4)	(4)
17	Textile mill products.....	8,185	1,233,431	5,340,876	1,245,152	1,142,433	5,642,106
18	Woolen and worsted manufactures.....	828	180,054	803,592	156,676	143,714	737,144
19	Yarn and thread mills, except wool.....	658	123,599	447,110	117,616	110,198	412,813
20	Cotton and rayon broad-woven fabrics.....	1,109	455,009	2,050,384	442,673	418,572	1,961,253
21	Narrow fabric mills.....	479	27,662	108,201	25,075	22,197	107,012
22	Knitting mills.....	3,126	230,527	854,596	246,240	224,852	988,378
23	Finishing textiles, except wool.....	641	77,985	359,270	(4)	(4)	(4)
24	Carpets and rugs.....	296	57,211	331,314	69,001	60,117	474,931
25	Hats (except cloth and millinery).....	271	21,428	92,040	19,173	16,536	82,773
26	Miscellaneous textile goods.....	777	59,956	294,369	(4)	(4)	(4)
27	Apparel and related products <sup>5</sup> .....	30,960	1,081,844	4,443,373	1,150,624	1,004,685	4,175,974
28	Men's and boys' suits and coats.....	1,969	150,369	674,243	154,827	138,421	588,260
29	Men's and boys' furnishings.....	4,026	253,436	803,911	272,921	250,688	796,368
30	Women's and misses' outerwear.....	10,085	313,402	1,427,891	323,324	287,905	1,272,696
31	Women's and children's undergarments.....	2,051	94,558	387,974	96,416	84,193	360,715
32	Millinery.....	932	20,893	100,723	20,925	17,520	99,651
33	Children's outerwear.....	1,687	48,136	178,265	60,320	52,119	220,726
34	Fur goods.....	2,229	16,190	122,821	(4)	(4)	(4)
35	Misc. apparel and accessories.....	1,727	57,229	215,019	54,499	48,248	171,913
36	Misc. fabricated textiles.....	6,254	127,631	532,526	137,299	118,014	589,316
37	Lumber and products (except furniture).....	26,231	635,708	2,497,192	750,499	691,938	3,165,760
38	Logging camps and logging contractors.....	(6)	(6)	(6)	(4)	(4)	(4)
39	Lumber and timber basic products <sup>7</sup> .....	19,685	406,815	1,560,476	477,560	448,574	1,903,198
40	Millwork and related products.....	2,681	94,275	442,746	116,839	100,733	627,774
41	Wooden containers.....	1,516	69,104	233,453	56,363	51,807	208,445
42	Miscellaneous wood products.....	2,349	65,514	260,517	61,638	55,493	275,994
43	Furniture and fixtures <sup>8</sup> .....	7,687	322,384	1,377,908	345,912	295,533	1,666,898
44	Household furniture.....	4,880	228,946	933,467	250,962	221,193	1,173,578
45	Office furniture.....	218	21,292	107,711	19,513	15,759	116,999
46	Public and professional furniture.....	195	14,410	65,098	13,125	10,825	77,725
47	Partitions and fixtures.....	1,134	27,678	136,843	27,214	22,289	147,904
48	Screens, shades, and blinds <sup>8</sup> .....	1,058	25,973	116,396	27,244	22,202	141,424
49	Miscellaneous furniture and fixtures.....	202	4,085	18,393	(4)	(4)	(4)
50	Paper and allied products.....	4,103	449,833	2,874,958	477,752	400,820	3,437,715
51	Pulp, paper, and paperboard.....	891	198,370	1,466,046	198,058	171,589	1,751,376
52	Paper coating and glazing.....	182	18,133	126,840	21,186	16,795	151,411
53	Envelopes.....	164	13,797	68,253	15,376	12,640	86,532
54	Paper bags.....	193	22,265	119,265	26,805	23,202	146,171
55	Paperboard containers and boxes.....	1,652	119,131	670,127	127,236	106,995	729,654
56	Pulp goods and misc. paper products.....	1,021	78,137	424,427	85,560	69,599	572,571

For footnotes, see pp. 814 and 815.



## FOR INDUSTRY GROUPS: 1947 TO 1953

1953 figures based on sample and subject to sampling variation]

1952				1953				STANDARD ERROR <sup>3</sup> (percent)		
All employees		Number of pro- duction workers (average for the year)	Value added by manu- facture <sup>1</sup>	All employees		Number of pro- duction workers (average for the year)	Value added by manu- facture <sup>1</sup>			
Number (average for the year)	Salaries and wages, total			Number (average for the year)	Salaries and wages, total					
16,061,041	61,140,558	12,706,032	109,162,079	17,093,004	68,590,424	13,500,934	121,659,136	1	1	
1,479,583	5,097,690	1,075,104	11,340,145	1,455,110	5,266,485	1,059,095	11,937,510	2	2	2
302,528	1,138,148	239,137	1,890,130	298,611	1,172,191	236,332	1,974,917	3	3	3
96,207	305,423	65,019	743,537	98,380	340,843	67,345	843,983	6	4	4
210,990	561,886	185,214	1,265,431	206,328	565,114	181,411	1,320,242	5	4	5
117,692	431,537	87,566	1,282,179	107,894	408,785	80,274	1,220,818	6	3	6
313,790	1,094,459	197,235	1,965,075	286,091	1,055,934	182,619	1,929,230	4	4	7
31,477	110,883	26,764	261,699	32,165	121,050	27,120	240,240	3	6	8
83,346	252,631	67,074	557,952	82,655	254,727	67,820	584,325	6	3	9
195,093	764,060	119,396	2,055,232	214,142	891,147	126,847	2,377,489	4	3	10
128,460	438,663	87,699	1,318,910	128,844	456,694	89,327	1,446,266	5	4	11
93,175	240,732	85,461	867,590	95,442	253,411	87,176	987,073	3	5	12
29,342	90,921	26,689	543,596	30,414	98,144	27,905	661,575	1	1	13
40,165	88,112	37,976	163,574	40,614	92,576	37,868	184,299	4	8	14
7,764	21,844	6,666	77,025	(4)	19,988	(4)	65,049	3	-----	15
15,904	39,855	14,130	83,395	(4)	(4)	(4)	(4)	8	-----	16
1,134,680	3,342,647	1,036,729	5,256,507	1,158,471	3,455,295	1,060,398	5,411,769	2	1	17
124,661	454,051	112,945	710,634	132,416	462,032	119,471	652,992	4	7	18
110,889	270,518	104,309	431,651	113,623	279,137	107,299	423,974	3	2	19
420,372	1,146,953	396,863	1,712,354	423,848	1,185,149	399,895	1,795,678	2	1	20
23,465	74,086	20,487	116,775	28,971	86,710	26,022	132,588	15	6	21
236,840	622,120	213,470	1,005,108	240,912	649,937	218,610	1,037,345	4	3	22
83,185	297,402	72,697	456,123	82,552	298,274	72,384	478,972	4	3	23
52,883	188,972	45,614	319,254	53,421	195,019	46,029	365,402	6	3	24
18,556	60,412	16,029	91,123	14,823	49,521	13,179	75,971	15	11	25
63,829	228,133	54,315	413,485	67,905	249,516	57,509	448,847	5	5	26
1,142,655	3,079,050	1,018,354	4,849,336	1,227,161	3,357,941	1,105,498	5,414,627	3	2	27
128,849	382,490	114,643	563,625	131,155	413,251	117,426	593,700	5	5	28
301,441	664,720	278,309	982,147	300,910	680,929	278,318	1,039,255	6	4	29
324,901	956,099	286,895	1,519,682	371,640	1,112,480	333,526	1,813,810	6	4	30
97,968	268,563	85,092	454,404	(4)	(4)	(4)	(4)	8	-----	31
18,180	61,787	15,352	97,769	18,985	63,975	16,294	98,359	15	14	32
61,061	167,647	54,287	264,464	69,237	179,429	61,930	304,638	10	7	33
(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	-----	-----	34
55,301	141,033	48,647	216,343	64,371	165,167	58,153	275,217	8	7	35
144,300	389,535	126,240	681,576	151,773	421,772	134,721	741,028	7	5	36
742,705	2,071,546	686,758	3,449,260	719,900	2,086,794	658,352	3,500,524	3	3	37
73,863	207,915	70,953	384,063	80,930	232,706	75,992	452,670	8	10	38
430,585	1,092,023	404,380	1,870,943	397,507	1,071,303	368,666	1,801,118	4	5	39
116,157	431,441	100,177	649,453	120,422	452,383	103,923	688,327	6	4	40
55,498	142,346	51,193	214,751	(4)	(4)	(4)	(4)	5	-----	41
66,602	197,821	60,055	330,050	57,179	168,936	50,941	291,766	10	6	42
331,661	1,122,754	284,527	1,904,405	360,842	1,259,319	309,910	2,046,805	4	3	43
239,924	782,031	209,217	1,311,622	261,215	871,581	228,154	1,391,084	4	4	44
23,481	93,465	19,822	182,980	22,765	91,615	18,746	157,650	4	5	45
16,414	65,295	13,236	114,274	18,571	68,927	15,256	117,663	30	11	46
25,801	105,216	20,771	172,294	34,692	148,190	28,321	239,398	6	7	47
21,318	60,731	17,316	107,487	18,933	63,008	15,246	115,645	15	8	48
(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	-----	-----	49
482,399	1,877,489	402,071	3,882,962	533,312	2,180,228	441,608	4,463,237	2	2	50
203,584	848,650	173,822	1,988,434	217,061	953,721	184,620	2,174,890	2	2	51
20,880	87,549	15,856	165,837	31,177	137,518	22,328	306,544	5	4	52
16,092	59,997	13,313	94,569	16,213	61,085	13,473	98,838	6	12	53
29,102	98,103	25,222	194,125	29,036	103,232	24,825	193,944	15	5	54
130,812	480,817	108,377	855,524	145,562	562,499	120,870	986,081	3	3	55
81,929	302,373	65,481	584,473	94,263	362,173	75,492	702,940	5	4	56

## No. 1003.—MANUFACTURES—GENERAL STATISTICS

[Money figures in

INDUSTRY GROUP	1947			1950		
	Number of establishments	All employees (average for the year)	Value added by manufacture <sup>1</sup>	All employees (average for the year) <sup>2</sup>	Number of production workers (average for the year)	Value added by manufacture <sup>1</sup>
<b>57 Printing and publishing industries.<sup>3</sup></b>	<b>28,986</b>	<b>715,450</b>	<b>4,269,416</b>	<b>762,716</b>	<b>471,723</b>	<b>4,906,834</b>
58 Newspapers.....	8,339	234,375	1,398,724	267,347	146,052	1,705,628
59 Periodicals.....	2,166	68,823	664,632	71,735	22,422	690,048
60 Books.....	804	50,900	320,562	56,308	22,214	439,997
61 Miscellaneous publishing.....	611	12,036	72,151	(4)	(4)	(4)
62 Commercial printing.....	11,932	193,415	977,686	195,993	157,313	1,091,190
63 Lithographing.....	1,413	52,240	313,462	52,611	38,518	322,499
64 Greeting cards.....	162	18,053	81,051	15,980	11,264	82,425
65 Bookbinding and related industries.....	1,342	42,561	177,144	40,349	33,467	179,088
66 Printing trades service industries.....	2,217	43,047	264,004	42,414	33,463	283,218
<b>67 Chemicals and allied products.....</b>	<b>10,073</b>	<b>632,319</b>	<b>5,365,201</b>	<b>642,469</b>	<b>456,591</b>	<b>7,236,618</b>
68 Industrial inorganic chemicals.....	412	65,347	454,699	70,072	54,970	741,863
69 Industrial organic chemicals.....	563	206,295	1,551,381	206,044	154,622	2,542,619
70 Drugs and medicines.....	1,355	81,803	748,570	(4)	(4)	(4)
71 Soap and related products.....	1,392	44,962	606,079	48,642	30,196	682,507
72 Paints and allied products.....	1,456	67,807	573,237	71,878	44,258	665,368
73 Gum and wood chemicals.....	118	8,466	62,965	(4)	(4)	(4)
74 Fertilizers.....	704	31,933	186,601	31,393	24,701	171,278
75 Vegetable and animal oils.....	1,194	43,431	482,476	43,905	35,642	393,012
76 Miscellaneous chemical products.....	2,879	82,275	699,193	83,085	56,308	897,345
<b>77 Petroleum and coal products.....</b>	<b>1,387</b>	<b>212,003</b>	<b>2,015,307</b>	<b>207,510</b>	<b>161,945</b>	<b>2,138,570</b>
78 Petroleum refining.....	437	145,806	1,494,474	139,125	105,611	1,484,441
79 Coke and byproducts.....	167	38,938	278,230	40,583	35,195	408,363
80 Paving and roofing materials.....	437	19,263	155,655	21,224	17,522	183,417
81 Misc. petroleum and coal products.....	346	7,996	86,948	5,853	3,617	62,349
<b>82 Rubber products.....</b>	<b>875</b>	<b>259,092</b>	<b>1,302,863</b>	<b>238,671</b>	<b>196,261</b>	<b>1,619,927</b>
83 Tires and inner tubes.....	57	115,657	650,165	89,520	73,899	763,787
84 Rubber footwear.....	26	28,125	121,040	18,924	15,672	86,123
85 Reclaimed rubber.....	15	2,070	9,604	2,365	2,097	16,707
86 Rubber industries, n. e. c.....	777	113,240	522,054	127,656	104,593	753,310
<b>87 Leather and leather products<sup>3</sup>.....</b>	<b>5,308</b>	<b>383,175</b>	<b>1,532,803</b>	<b>385,123</b>	<b>341,733</b>	<b>1,498,811</b>
88 Leather tanning and finishing.....	561	53,205	403,783	49,623	44,883	318,543
89 Industrial leather belting.....	183	5,032	28,375	5,333	4,096	35,099
90 Footwear cut stock.....	606	22,077	87,301	22,280	19,001	72,460
91 Footwear (except rubber).....	1,500	240,315	783,543	241,197	219,803	855,424
92 Leather gloves and mittens.....	341	11,544	31,911	(4)	(4)	(4)
93 Luggage.....	592	16,066	68,078	15,101	13,255	60,466
94 Handbags and small leather goods.....	980	25,907	96,076	31,686	28,119	99,063
95 Miscellaneous leather goods.....	545	9,029	31,736	9,387	7,176	39,812
<b>96 Stone, clay, and glass products.....</b>	<b>11,650</b>	<b>462,072</b>	<b>2,306,480</b>	<b>490,568</b>	<b>418,153</b>	<b>3,138,263</b>
97 Flat glass.....	34	27,241	173,754	26,286	23,685	201,555
98 Pressed and blown glassware.....	213	89,302	421,518	83,929	74,473	503,852
99 Products of purchased glass.....	1,054	22,357	118,107	24,813	22,295	187,714
100 Cement, hydraulic.....	155	35,662	247,936	38,205	32,675	391,216
101 Structural clay products.....	1,110	69,273	280,392	74,147	66,263	371,042
102 Pottery and related products.....	742	58,006	224,792	59,431	53,222	266,883
103 Concrete and plaster products.....	6,494	70,176	346,761	86,425	70,516	576,459
104 Cut-stone and stone products.....	640	9,880	45,940	(4)	(4)	(4)
105 Misc. nonmetallic mineral products.....	1,208	80,175	447,280	81,644	66,499	585,571
<b>106 Primary metal industries.....</b>	<b>5,363</b>	<b>1,157,124</b>	<b>5,765,434</b>	<b>1,129,040</b>	<b>977,450</b>	<b>7,950,990</b>
107 Blast furnaces and steel mills.....	320	547,364	2,659,250	554,509	484,500	4,101,967
108 Iron and steel foundries.....	1,936	267,306	1,121,522	228,444	203,003	1,170,743
109 Primary nonferrous metals.....	88	42,804	325,643	42,556	36,296	405,883
110 Secondary nonferrous metals.....	322	18,402	119,667	15,981	12,337	137,660
111 Nonferrous metal rolling and drawing.....	162	88,824	503,363	87,207	73,146	736,922
112 Nonferrous foundries.....	1,724	65,342	295,834	65,182	55,615	371,634
113 Misc. primary metal industries.....	811	127,082	740,155	133,795	112,553	1,026,181

For footnotes, see pp. 814 and 815



## FOR INDUSTRY GROUPS: 1947 TO 1953—Continued

thousands of dollars]

1952				1953				STANDARD ERROR <sup>3</sup> (percent)		
All employees		Number of pro- duction workers (average for the year)	Value added by manu- facture <sup>1</sup>	All employees		Number of pro- duction workers (average for the year)	Value added by manu- facture <sup>1</sup>	1952	1953	
Number (average for the year)	Salaries and wages, total			Number (average for the year)	Salaries and wages, total					
772, 801	3, 267, 367	471, 348	5, 660, 124	760, 332	3, 386, 515	474, 006	5, 916, 432	3	3	57
275, 537	1, 123, 790	149, 169	1, 916, 846	275, 974	1, 200, 594	145, 266	2, 042, 012	3	4	58
(4)	(4)	(4)	(4)	58, 282	290, 030	13, 440	733, 830	7	6	59
60, 122	232, 256	23, 775	531, 521	(4)	(4)	(4)	(4)	7	13	60
(4)	(4)	(4)	(4)	15, 199	62, 350	4, 242	110, 020	5	5	61
204, 033	860, 901	161, 467	1, 331, 366	201, 697	889, 721	161, 898	1, 392, 364	5	6	62
56, 956	272, 441	42, 288	385, 230	57, 258	281, 722	44, 995	450, 867	9	6	63
16, 471	55, 222	11, 654	91, 893	16, 846	58, 749	12, 115	105, 702	9	8	64
(4)	(4)	(4)	(4)	39, 567	138, 863	33, 192	215, 851	9	7	65
40, 028	217, 533	31, 066	298, 366	47, 995	268, 165	37, 558	376, 169	9	9	66
739, 437	3, 116, 834	513, 336	8, 539, 266	768, 425	3, 400, 132	536, 124	9, 320, 348	2	1	67
104, 804	470, 810	76, 044	1, 051, 139	109, 956	523, 372	81, 759	1, 211, 305	1	1	68
242, 231	1, 063, 185	178, 335	3, 060, 141	272, 346	1, 250, 703	201, 401	3, 363, 068	1	1	69
96, 624	406, 689	60, 499	1, 272, 957	94, 026	403, 165	58, 897	1, 306, 435	7	3	70
47, 646	215, 369	28, 200	729, 858	47, 437	223, 927	28, 194	782, 274	5	5	71
73, 125	318, 773	43, 839	732, 948	74, 601	340, 674	44, 470	815, 654	4	4	72
7, 053	25, 253	5, 764	47, 533	8, 582	29, 334	7, 077	66, 365	30	10	73
35, 938	111, 552	28, 169	249, 143	34, 789	116, 304	26, 655	284, 131	8	5	74
41, 443	146, 086	33, 036	323, 033	40, 316	149, 048	31, 861	370, 203	5	6	75
90, 573	359, 117	59, 450	1, 072, 514	86, 372	363, 605	55, 810	1, 120, 913	3	3	76
220, 227	1, 035, 721	170, 260	2, 618, 927	229, 294	1, 139, 577	175, 770	2, 795, 373	2	2	77
153, 190	757, 079	114, 711	1, 959, 465	159, 542	830, 424	119, 149	1, 997, 160	2	3	78
41, 227	166, 030	35, 825	419, 261	40, 491	182, 618	35, 253	511, 549	2	2	79
19, 314	81, 561	15, 660	172, 550	20, 073	82, 795	15, 436	178, 568	8	7	80
6, 496	31, 051	4, 064	67, 651	9, 188	43, 740	5, 932	108, 096	30	12	81
255, 079	1, 042, 166	205, 866	1, 744, 141	269, 780	1, 140, 019	218, 853	2, 021, 443	2	2	82
97, 911	452, 458	79, 933	762, 369	97, 026	462, 653	79, 187	904, 973	1	1	83
23, 274	79, 626	19, 638	124, 842	25, 384	87, 549	21, 685	128, 660	1	5	84
2, 259	9, 503	1, 932	16, 534	2, 368	10, 403	2, 013	16, 172	1	1	85
131, 635	500, 579	104, 363	840, 396	145, 002	579, 414	115, 968	971, 638	4	4	86
361, 373	1, 015, 535	324, 008	1, 597, 377	375, 364	1, 098, 806	338, 355	1, 711, 066	3	3	87
44, 028	162, 722	39, 476	285, 515	46, 388	180, 251	41, 635	271, 648	3	4	88
(4)	(4)	(4)	(4)	5, 026	21, 147	3, 545	49, 719	14	7	89
18, 926	51, 707	16, 398	77, 154	20, 431	59, 305	18, 033	93, 129	15	7	90
231, 185	614, 358	209, 082	931, 995	244, 044	670, 318	222, 583	1, 026, 968	4	3	91
6, 414	16, 555	5, 649	26, 724	(4)	(4)	(4)	(4)	30	13	92
17, 004	51, 265	15, 380	82, 848	15, 786	51, 886	13, 758	84, 235	15	13	93
31, 131	77, 571	27, 489	110, 501	29, 903	80, 416	26, 528	126, 437	15	11	94
7, 617	21, 847	6, 826	37, 114	(4)	(4)	(4)	(4)	20	11	95
510, 353	1, 841, 507	435, 680	3, 531, 294	506, 439	1, 948, 876	430, 888	3, 752, 912	3	2	96
23, 206	107, 870	20, 435	191, 080	25, 819	129, 769	22, 779	224, 583	1	4	97
86, 960	302, 640	76, 374	555, 781	90, 308	341, 099	79, 816	612, 859	1	3	98
29, 026	97, 955	25, 809	215, 510	28, 647	110, 685	24, 466	231, 573	30	7	99
39, 429	152, 178	33, 418	445, 834	37, 785	156, 164	31, 802	464, 463	5	7	100
75, 275	255, 651	67, 151	392, 454	72, 103	258, 132	63, 147	401, 887	5	6	101
59, 353	194, 568	52, 648	289, 252	54, 592	185, 561	48, 274	269, 863	4	6	102
93, 415	322, 277	76, 080	679, 013	87, 542	325, 088	71, 227	683, 314	9	4	103
(4)	(4)	(4)	(4)	18, 768	65, 798	15, 686	104, 731	9	4	104
92, 235	364, 137	73, 830	697, 056	90, 875	376, 580	73, 691	759, 639	4	4	105
1, 240, 337	5, 214, 580	1, 065, 557	9, 050, 545	1, 287, 765	6, 001, 743	1, 102, 455	11, 003, 954	1	1	106
597, 988	2, 470, 154	518, 440	4, 251, 688	611, 351	2, 933, 630	530, 295	5, 548, 086	1	1	107
253, 099	1, 035, 766	223, 867	1, 470, 459	249, 987	1, 077, 996	219, 064	1, 626, 152	4	2	108
49, 508	210, 463	41, 500	504, 342	57, 715	257, 087	48, 361	599, 153	1	1	109
16, 853	72, 943	12, 732	150, 135	12, 792	58, 800	9, 877	107, 714	4	7	110
91, 443	395, 581	74, 822	862, 513	105, 598	481, 475	85, 912	1, 062, 504	1	2	111
74, 154	308, 760	63, 107	466, 939	83, 703	365, 263	71, 225	572, 377	3	5	112
157, 292	720, 913	131, 089	1, 344, 469	166, 619	827, 492	137, 721	1, 487, 968	5	2	113

## No. 1003.—MANUFACTURES—GENERAL STATISTICS

[Money figures in

INDUSTRY GROUP	1947			1950		
	Number of establishments	All employees (average for the year)	Value added by manufacture <sup>1</sup>	All employees (average for the year) <sup>2</sup>	Number of production workers (average for the year)	Value added by manufacture <sup>1</sup>
<b>Fabricated metal products</b> .....	<b>16,734</b>	<b>971,461</b>	<b>4,921,476</b>	<b>988,783</b>	<b>806,801</b>	<b>6,210,759</b>
Tin cans and other tinware.....	217	46,890	231,953	51,611	44,855	342,210
Cutlery, hand tools, and hardware.....	1,866	154,168	728,426	153,650	128,108	919,349
Heating and plumbing equipment.....	1,276	150,882	789,524	135,425	109,651	879,847
Structural metal products.....	4,507	212,379	1,143,553	229,548	179,297	1,556,799
Metal stamping and coating.....	4,437	182,983	861,173	184,730	155,915	1,076,860
Lighting fixtures.....	1,206	47,596	247,619	46,281	37,276	277,362
Fabricated wire products.....	977	60,647	282,147	68,297	59,056	391,987
Misc. fabricated metal products.....	2,248	115,916	637,081	111,181	92,643	766,345
<b>Machinery (except electrical)</b> .....	<b>17,906</b>	<b>1,545,323</b>	<b>7,812,455</b>	<b>1,367,882</b>	<b>1,064,266</b>	<b>8,764,652</b>
Engines and turbines.....	151	93,064	408,099	74,788	56,626	472,307
Tractors and farm machinery.....	1,102	171,435	753,762	166,258	131,618	1,070,823
Construction and mining machinery.....	747	113,871	641,397	96,533	72,565	645,007
Metalworking machinery.....	4,293	214,543	1,131,182	188,558	149,011	1,256,387
Special-industry machinery, n. e. c.....	4,106	215,967	1,095,558	186,662	141,708	1,099,218
General industrial machinery.....	2,191	217,402	1,189,229	183,190	130,957	1,176,725
Office and store machines.....	357	97,778	503,854	87,090	72,336	542,399
Service and household machines.....	1,088	220,286	1,105,798	200,037	161,050	1,373,754
Miscellaneous machinery parts.....	3,871	200,977	983,576	180,750	148,395	1,128,032
<b>Electrical machinery</b> .....	<b>3,973</b>	<b>801,359</b>	<b>3,894,115</b>	<b>765,613</b>	<b>609,819</b>	<b>4,815,364</b>
Electrical industrial apparatus.....	1,567	321,352	1,616,398	283,768	218,442	1,800,230
Electrical appliances.....	326	44,371	236,241	46,725	38,453	340,953
Insulated wire and cable.....	171	21,282	103,722	18,244	14,746	116,079
Engine electrical equipment.....	110	43,920	196,351	39,971	33,516	263,847
Electric lamps.....	62	23,842	120,344	21,679	18,888	165,170
Communication equipment.....	1,210	303,391	1,374,117	314,337	254,577	1,866,201
Miscellaneous electrical products.....	527	43,201	246,942	39,587	31,197	262,884
<b>Transportation equipment</b> .....	<b>3,711</b>	<b>1,181,680</b>	<b>5,869,196</b>	<b>1,218,417</b>	<b>1,005,883</b>	<b>8,546,828</b>
Motor vehicles and equipment.....	1,904	701,121	3,819,076	756,937	655,532	6,122,196
Aircraft and parts.....	332	219,611	954,575	289,545	211,509	1,550,551
Ships and boats.....	1,110	149,655	586,558	86,644	72,522	379,691
Railroad equipment.....	122	91,116	415,607	69,592	55,503	427,853
Motorcycles and bicycles.....	76	15,615	72,838	10,895	8,565	52,098
Transportation equipment, n. e. c.....	167	4,562	20,542	2,774	2,252	14,439
<b>Instruments and related products</b> .....	<b>2,599</b>	<b>231,997</b>	<b>1,080,336</b>	<b>226,375</b>	<b>169,447</b>	<b>1,388,930</b>
Scientific instruments <sup>7</sup> .....	216	20,384	83,010	25,592	16,425	128,951
Mechanical measuring instruments <sup>7</sup> .....	463	53,237	245,144	59,625	45,625	369,517
Optical instruments and lenses <sup>7</sup> .....	114	6,458	26,743	9,077	6,769	47,890
Medical instruments and supplies.....	980	38,369	184,665	36,022	25,657	229,233
Ophthalmic goods.....	184	22,457	81,530	(4)	(4)	(4)
Photographic equipment <sup>7</sup> .....	366	50,911	264,784	43,198	30,470	324,459
Watches and clocks.....	276	40,181	194,460	32,233	27,093	189,576
<b>Miscellaneous manufactures<sup>9</sup></b> .....	<b>14,131</b>	<b>464,420</b>	<b>2,090,168</b>	<b>488,324</b>	<b>403,996</b>	<b>2,534,332</b>
Jewelry and silverware.....	2,031	54,827	302,859	55,706	44,346	284,190
Musical instruments and parts.....	260	16,889	71,356	17,083	15,047	85,540
Toys and sporting goods.....	2,198	75,493	294,727	88,174	77,861	421,857
Office supplies.....	787	31,557	163,160	28,158	20,797	169,338
Costume jewelry and notions.....	2,034	65,878	262,685	68,799	59,526	313,458
Plastics products, n. e. c.....	1,360	60,092	289,594	75,555	63,997	473,350
Miscellaneous manufactures <sup>9</sup> .....	5,461	159,684	705,787	148,575	122,422	786,599
<b>Administrative and auxiliary</b> .....		(9)		<b>302,980</b>		

<sup>1</sup> Value of products shipped less cost of materials, supplies, fuels, electric energy, and contract work.<sup>2</sup> "All industries" and major industry group totals include data for plants idle throughout year. Detail not adjusted.<sup>3</sup> See text, p. 796, for explanation of standard error. Refers to column "All employees—Number (average for the year)"; standard errors for other columns usually of same magnitude.<sup>4</sup> Withheld because estimates did not meet publication standards; such estimates, when derived by subtraction, are generally unreliable.<sup>5</sup> 1950-53 totals include industries not shown separately.<sup>6</sup> Not available.



## FOR INDUSTRY GROUPS: 1947 TO 1953—Continued

(thousands of dollars)

1952				1953				STANDARD ERROR <sup>3</sup> (percent)		
All employees		Number of pro- duction workers (average for the year)	Value added by manu- facture <sup>1</sup>	All employees		Number of pro- duction workers (average for the year)	Value added by manu- facture <sup>1</sup>	1952	1953	
Number (average for the year)	Salaries and wages, total			Number (average for the year)	Salaries and wages, total					
1,007,589	4,124,226	820,088	7,168,308	1,117,600	4,765,443	915,614	8,143,660	2	2	114
52,203	209,627	45,281	424,877	55,719	225,224	48,541	469,816	1	2	115
143,052	559,701	117,100	943,198	157,969	650,652	130,747	1,071,426	3	3	116
115,779	455,129	91,586	822,115	124,365	513,076	99,612	864,664	4	3	117
259,946	1,125,782	202,042	1,966,247	272,401	1,229,276	210,029	2,086,499	4	3	118
184,769	761,132	153,555	1,212,146	229,733	968,674	195,832	1,584,496	5	3	119
47,969	177,984	38,849	325,758	54,484	215,190	44,745	383,513	5	5	120
66,756	256,387	56,286	417,472	70,222	284,549	59,228	482,583	7	5	121
137,115	578,484	115,389	1,056,495	152,707	678,802	126,880	1,200,663	4	4	122
1,650,772	7,379,879	1,283,664	12,807,480	1,691,235	7,875,812	1,307,312	13,380,729	2	1	123
96,708	445,738	73,633	740,940	98,043	473,796	74,963	776,423	1	1	124
177,275	722,135	137,048	1,327,570	164,411	709,797	125,629	1,259,591	3	3	125
132,805	590,604	101,321	1,046,813	133,822	607,398	99,392	1,069,019	5	3	126
282,099	1,456,054	225,722	2,556,897	294,927	1,609,423	233,960	2,709,033	4	2	127
194,390	858,417	148,824	1,351,488	176,690	814,098	133,882	1,288,098	2	3	128
236,346	1,072,294	171,411	1,894,756	238,591	1,122,274	169,759	1,982,563	3	3	129
99,126	412,331	81,074	678,059	101,789	437,258	82,641	731,315	1	2	130
190,692	806,737	146,582	1,453,610	214,126	934,583	168,117	1,601,774	3	2	131
241,331	1,015,569	198,049	1,757,347	268,836	1,167,185	218,969	1,962,913	4	3	132
957,251	3,750,218	740,504	6,873,204	1,095,852	4,424,751	851,443	7,876,186	2	1	133
346,782	1,454,906	260,962	2,810,111	379,344	1,660,961	288,852	3,076,361	2	2	134
41,430	157,603	32,296	337,829	44,767	176,106	34,602	346,450	4	3	135
20,045	76,858	16,371	177,100	22,627	92,078	18,484	203,692	3	8	136
47,737	194,485	39,359	314,830	52,970	216,471	44,047	348,020	1	3	137
20,276	65,310	17,417	165,350	21,207	73,886	18,966	204,559	2	3	138
438,075	1,644,038	339,824	2,769,867	531,929	2,039,005	412,555	3,381,525	3	2	139
42,906	157,018	34,275	298,117	43,008	166,244	33,937	315,579	6	4	140
1,650,203	7,423,348	1,317,374	12,042,185	1,911,706	8,986,838	1,529,924	14,534,323	1	1	141
715,431	3,239,783	600,289	6,141,025	859,762	4,022,950	727,709	7,290,135	1	2	142
696,779	3,179,442	512,819	4,450,602	817,417	3,941,133	600,758	5,764,300	2	1	143
151,864	629,933	133,422	830,325	148,914	643,475	131,615	863,009	4	4	144
74,001	323,538	60,441	541,268	74,278	334,606	60,151	551,981	1	1	145
10,178	43,391	8,720	65,405	9,340	36,808	8,068	52,376	2	8	146
1,950	7,261	1,683	13,560	(4)	(4)	(4)	(4)	5	-----	147
278,531	1,179,955	205,384	1,994,805	285,469	1,232,467	212,102	2,169,354	2	2	148
41,494	202,587	27,615	277,293	31,394	146,693	22,418	238,702	4	6	149
75,426	320,176	54,094	544,157	78,876	347,101	56,315	584,816	3	2	150
13,552	58,017	10,599	84,172	16,419	73,732	12,494	112,699	6	12	151
38,780	152,039	28,436	275,422	44,488	174,254	32,078	318,144	4	7	152
20,414	70,318	17,192	117,161	20,420	70,966	17,047	116,436	15	6	153
54,839	249,054	39,239	481,696	60,165	283,945	43,366	561,163	3	4	154
34,026	127,764	28,209	214,904	33,707	135,776	28,384	237,394	5	5	155
681,858	2,374,738	563,959	3,984,218	843,544	3,232,056	686,051	5,271,811	7	2	156
48,404	182,353	39,410	280,733	49,318	195,128	40,461	324,633	7	7	157
15,760	57,562	13,494	85,292	17,261	68,514	14,804	102,030	7	12	158
(4)	(4)	(4)	(4)	92,497	266,428	80,968	434,975	-----	6	159
24,731	88,600	17,975	161,226	33,282	122,690	24,460	220,742	8	11	160
54,432	153,947	47,041	263,381	75,679	223,348	65,675	357,491	9	10	161
74,628	275,825	60,520	514,279	85,107	322,572	72,144	543,713	6	5	163
353,674	1,348,569	285,216	2,215,180	490,400	2,033,376	387,539	3,288,227	5	2	163
328,372	1,542,576	-----	-----	399,961	2,097,916	-----	-----	-----	-----	164

<sup>1</sup> Data for 1950-53 not strictly comparable with 1947.<sup>2</sup> Data for 1952 and 1953 not strictly comparable with 1947 and 1950.<sup>3</sup> Includes privately owned and/or operated establishments classified in "Ordnance and accessories."Source: Department of Commerce, Bureau of the Census; *Census of Manufactures: 1947*, Vol. II, and *Annual Survey of Manufactures*.

## No. 1004.—MANUFACTURES—GENERAL STATISTICS, BY STATES: 1947 TO 1953

[Money figures in thousands of dollars. See text, p. 795. Figures for 1950–1953 are based on sample and subject to sampling variation]

DIVISION AND STATE	1947			1950		
	Number of establishments	All employees (average for the year)	Value added by manufacture <sup>1</sup>	All employees (average for the year)	Number of production workers (average for the year)	Value added by manufacture <sup>1</sup>
<b>United States</b> .....	240,881	14,294,304	74,425,825	14,769,931	11,778,803	89,749,765
<b>New England</b> .....	20,274	1,474,684	6,813,800	1,433,359	1,181,769	7,417,675
Maine.....	1,635	100,181	432,123	108,309	95,202	454,278
New Hampshire.....	1,124	74,752	306,932	80,832	71,789	353,710
Vermont.....	830	34,872	149,685	40,636	35,395	205,938
Massachusetts.....	10,524	718,441	3,370,094	696,777	561,578	3,665,666
Rhode Island.....	2,214	146,850	658,420	135,473	115,307	614,636
Connecticut.....	3,947	399,588	1,896,546	371,332	302,498	2,123,447
<b>Middle Atlantic</b> .....	75,363	3,953,738	20,790,626	4,006,194	3,121,292	23,503,166
New York.....	47,819	1,775,975	9,666,588	1,829,479	1,365,557	10,511,860
New Jersey.....	10,755	738,229	4,177,080	730,650	575,288	4,867,312
Pennsylvania.....	16,789	1,439,534	6,946,958	1,446,065	1,180,447	8,123,994
<b>East North Central</b> .....	50,570	4,317,892	23,473,563	4,427,093	3,496,240	29,818,015
Ohio.....	12,303	1,194,603	6,359,006	1,192,224	935,796	7,972,073
Indiana.....	5,408	548,346	2,977,508	563,730	461,334	3,832,892
Illinois.....	15,988	1,184,820	6,680,137	1,187,296	909,035	7,933,449
Michigan.....	9,892	973,675	5,196,338	1,054,441	850,623	7,392,255
Wisconsin.....	6,979	416,448	2,260,574	429,402	339,452	2,687,346
<b>West North Central</b> .....	17,403	785,064	4,119,409	828,111	637,452	5,154,364
Minnesota.....	4,567	179,986	1,022,586	186,123	142,122	1,200,204
Iowa.....	2,965	140,425	671,100	147,429	110,296	925,762
Missouri.....	5,725	327,515	1,623,145	340,239	265,312	2,045,318
North Dakota <sup>2</sup> .....	362	5,218	29,461	17,906	13,369	99,001
South Dakota <sup>2</sup> .....	494	10,265	51,398			
Nebraska.....	1,344	47,031	260,658	48,025	36,371	270,579
Kansas.....	1,946	74,624	461,061	88,389	69,982	613,500
<b>South Atlantic</b> .....	24,001	1,523,495	6,942,054	1,627,284	1,388,791	8,471,115
Delaware.....	482	34,465	182,088	45,269	34,116	287,592
Maryland.....	2,824	228,552	1,138,407	222,439	176,512	1,455,095
Dist. of Columbia.....	428	17,815	99,067	17,282	10,006	113,746
Virginia.....	3,644	216,637	1,051,629	225,133	192,484	1,326,495
West Virginia.....	1,602	127,353	663,903	129,242	105,901	882,401
North Carolina.....	5,322	381,480	1,646,673	408,295	367,263	1,862,825
South Carolina.....	2,137	188,601	794,312	195,954	178,455	857,716
Georgia.....	4,754	249,926	1,015,999	292,273	251,117	1,235,957
Florida.....	2,808	78,666	349,976	91,397	72,937	449,288
<b>East South Central</b> .....	10,907	633,765	2,875,428	649,792	556,895	3,452,683
Kentucky.....	2,244	129,504	740,772	138,444	116,333	957,640
Tennessee.....	3,346	221,454	957,539	226,372	192,368	1,174,446
Alabama.....	3,335	206,136	876,933	211,162	183,741	1,039,831
Mississippi.....	1,982	76,671	300,184	73,814	64,453	280,766
<b>West South Central</b> .....	13,181	550,241	3,027,709	603,787	469,090	3,849,399
Arkansas.....	1,924	65,321	265,144	72,926	62,622	320,723
Louisiana.....	2,389	132,464	694,074	126,035	100,501	915,976
Oklahoma.....	1,740	55,403	341,027	63,494	45,271	344,037
Texas.....	7,128	297,053	1,727,464	341,332	260,696	2,268,663
<b>Mountain</b> .....	5,049	141,638	839,202	157,142	122,809	1,042,063
Montana.....	652	16,092	92,258	17,040	13,614	107,837
Idaho.....	664	16,907	109,694	15,832	14,562	118,675
Wyoming.....	256	5,607	34,957	7,099	6,083	37,739
Colorado.....	1,602	54,071	286,774	56,508	42,959	340,795
New Mexico.....	432	7,590	55,486	13,527	10,755	102,897
Arizona.....	545	14,188	103,958	14,721	11,470	127,946
Utah.....	772	24,516	128,298	29,377	21,868	177,504
Nevada.....	126	2,667	27,777	3,038	1,498	28,670
<b>Pacific</b> .....	24,133	913,787	5,544,034	1,037,169	804,465	7,041,285
Washington.....	3,410	144,324	874,036	162,661	133,809	1,113,362
Oregon.....	3,075	105,591	675,017	119,419	101,997	806,947
California.....	17,648	663,872	3,994,981	755,089	568,659	5,120,976

See footnotes at end of table.



No. 1004.—MANUFACTURES—GENERAL STATISTICS, BY STATES: 1947 TO 1953—Con.

[Money figures in thousands of dollars]

DIVISION AND STATE	1952				1953				STAND- ARD ERROR <sup>2</sup> (per- cent)	
	All employees		Number of pro- duction workers (average for the year)	Value added by manu- facture <sup>1</sup>	All employees		Number of pro- duction workers (average for the year)	Value added by manu- facture <sup>1</sup>	1952	1953
	Number (average for the year)	Salaries and wages, total			Number (average for the year)	Salaries and wages, total				
U. S.	16,061,041	61,140,558	12,706,032	109,162,079	17,093,004	68,590,424	13,500,934	121,659,136	1	1
N. E.	1,503,282	5,404,018	1,219,812	9,023,974	1,588,828	5,958,283	1,294,707	9,904,786	2	4
Maine	108,321	323,033	96,268	525,514	110,187	354,377	96,733	583,855	4	2
N. H.	84,677	257,287	74,062	413,181	88,771	272,833	77,589	427,126	9	10
Vt.	42,180	150,042	35,677	264,155	38,811	143,327	32,765	246,754	20	4
Mass.	705,054	2,525,229	559,166	4,293,079	741,457	2,743,880	594,325	4,630,013	2	4
R. I.	131,698	446,880	110,037	724,446	152,019	529,587	130,151	824,482	4	8
Conn.	431,352	1,701,547	344,602	2,803,599	457,583	1,914,279	363,144	3,192,556	3	5
M. A.	4,277,177	16,524,299	3,320,456	28,590,270	4,498,034	18,291,234	3,491,465	31,654,930	1	1
N. Y.	1,950,032	7,623,909	1,472,952	13,145,941	2,053,428	8,419,085	1,555,434	14,410,234	2	2
N. J.	792,016	3,231,418	610,977	5,764,365	853,101	3,583,419	657,259	6,451,055	2	2
Pa.	1,535,129	5,668,972	1,236,527	9,679,964	1,591,505	6,288,730	1,278,772	10,793,641	1	1
E. N. C.	4,732,252	20,073,035	3,685,187	35,533,088	5,134,894	22,848,598	4,008,696	39,926,490	1	1
Ohio	1,336,020	5,668,114	1,043,719	10,037,844	1,420,095	6,352,819	1,066,329	11,192,103	2	1
Ind.	611,687	2,444,256	491,750	4,523,533	686,736	2,903,853	553,928	5,205,348	2	2
Ill.	1,255,635	5,156,159	956,714	9,319,779	1,316,089	5,668,441	1,003,889	10,111,624	2	1
Mich.	1,063,873	4,932,989	831,893	8,320,712	1,231,334	5,919,426	971,442	9,781,647	2	1
Wis.	465,037	1,871,517	361,111	3,331,220	480,640	2,004,059	373,108	3,635,768	2	2
W. N. C.	962,179	3,557,228	739,486	6,404,371	999,214	3,903,432	770,470	7,050,337	2	2
Minn.	211,899	804,582	158,468	1,445,476	214,494	868,804	161,252	1,554,405	4	4
Iowa	159,732	594,970	120,417	1,113,171	166,274	642,766	130,011	1,179,513	5	3
Mo.	378,258	1,360,676	292,704	2,422,709	405,061	1,552,445	314,145	2,786,829	3	2
N. Dak.	5,896	16,745	4,049	31,201	7,814	24,379	5,398	46,765	15	30
S. Dak.	11,554	41,937	9,931	76,022	10,441	37,038	7,619	80,703	20	20
Nebr.	53,063	186,189	41,779	344,436	57,558	210,973	45,006	401,398	6	5
Kans.	141,777	552,129	112,138	971,356	137,572	567,027	107,039	1,000,724	7	4
J. A.	1,751,671	5,152,447	1,484,507	9,656,904	1,816,621	5,670,176	1,525,603	10,686,205	2	1
Del.	58,670	239,593	36,530	372,445	58,550	255,801	33,817	378,975	10	4
Md.	260,678	917,091	206,978	1,706,104	261,948	1,014,618	205,621	1,854,582	3	5
Dist. of Col.	18,008	72,049	9,859	129,422	19,499	90,075	9,781	150,687	9	15
Va.	240,998	711,337	204,207	1,467,005	256,057	791,625	217,783	1,629,938	2	2
W. Va.	134,346	478,112	110,657	1,009,176	133,923	522,965	108,419	1,105,374	2	2
N. C.	418,588	1,088,813	373,768	2,013,824	446,265	1,201,031	395,554	2,274,019	3	3
S. C.	207,365	561,854	187,241	969,926	223,396	612,971	201,447	1,056,243	4	3
Ga.	294,506	751,043	259,268	1,355,318	306,367	848,075	263,447	1,545,467	6	3
Fla.	118,512	332,555	95,999	633,684	110,616	333,015	90,134	690,920	9	6
E. S. C.	699,863	2,072,078	592,577	4,038,423	747,148	2,372,074	632,278	4,666,926	2	2
Ky.	145,213	475,770	120,462	1,078,041	150,319	532,300	124,405	1,213,002	3	4
Tenn.	261,662	799,101	216,164	1,469,462	275,276	903,478	228,422	1,685,237	2	3
Ala.	213,010	608,102	186,063	1,139,198	228,179	697,865	197,217	1,311,436	2	5
Miss.	79,978	189,105	69,888	351,722	93,374	238,431	82,234	457,251	5	6
W. S. C.	676,186	2,355,825	534,757	5,186,213	739,798	2,718,968	569,839	5,646,834	2	2
Ark.	80,331	208,802	69,976	396,134	80,525	219,463	68,126	427,209	7	5
La.	135,446	459,114	109,773	1,090,597	152,549	533,448	121,987	1,179,569	4	3
Okla.	77,222	266,783	57,718	493,379	86,256	337,352	60,089	553,816	4	5
Tex.	383,187	1,421,126	297,290	3,206,103	420,468	1,628,705	319,637	3,486,240	3	4
Mt.	174,914	655,387	137,194	1,269,597	187,072	743,945	145,090	1,501,645	3	3
Mont.	17,414	66,902	14,190	138,952	17,768	71,975	14,683	142,045	10	10
Idaho	20,016	83,165	17,917	142,553	23,482	87,781	19,558	166,904	10	10
Wyo.	5,469	23,806	4,241	38,094	7,213	33,601	5,516	54,099	15	15
Colo.	59,990	213,998	45,450	397,464	60,220	237,137	46,269	438,466	6	4
N. Mex.	15,384	60,599	12,175	128,211	12,753	57,539	10,350	129,248	10	10
Ariz.	21,343	80,695	15,908	159,753	24,066	99,998	17,113	231,128	6	7
Utah	32,561	112,541	25,045	229,876	35,045	126,890	26,878	272,449	5	5
Nev.	3,337	13,681	2,268	34,694	6,525	29,024	4,723	67,306	15	20
Pac.	1,283,517	5,346,241	992,056	9,459,239	1,381,395	6,083,714	1,062,786	10,620,983	2	2
Wash.	201,008	813,115	163,783	1,445,293	190,214	823,147	151,903	1,482,007	4	4
Oreg.	137,940	546,482	119,267	1,049,151	132,385	556,923	112,887	985,834	6	6
Calif.	944,569	3,986,644	709,006	6,964,795	1,058,796	4,703,644	797,996	8,153,142	3	2

<sup>1</sup> Value of products shipped less cost of materials, supplies, fuel, electric energy, and contract work.<sup>2</sup> See text, p. 796, for explanation of standard error. Refers to columns "Value added by manufacture"; standard errors for other columns usually of same magnitude.<sup>3</sup> For 1950, data combined because of high standard errors associated with each State.Source: Department of Commerce, Bureau of the Census; *Census of Manufactures: 1947*, Vol. II, and *Annual Survey of Manufactures*.

## No. 1005.—MANUFACTURES—EXPENDITURES FOR NEW PLANT AND EQUIPMENT, BY INDUSTRY GROUPS: 1947 TO 1953

[In thousands of dollars. 1950-1953 figures based on sample and subject to sampling variation. See text, p. 796. 1947 and 1950 figures exclude expenditures: (1) for plants under construction but not in operation; (2) for plants idle throughout year; (3) for nonmanufacturing establishments of manufacturing companies; (4) for plants and equipment leased to manufacturers by owners; and (5) for used plant and equipment acquired from others. 1952 and 1953 figures include expenditures for plants under construction but not in operation.]

INDUSTRY GROUP	1947 <sup>1</sup>			1950			1952			1953			STANDARD ERROR <sup>2</sup> (percent)
	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment	
	1947	1947	1947	1950	1950	1950	1952	1952	1952	1953	1953	1953	
<b>All industries, total</b> .....	6,003,873	2,122,143	3,881,730	5,110,262	1,411,330	3,698,932	7,953,429	2,579,117	5,374,312	8,047,892	2,585,339	5,462,553	1
Food and kindred products.....	820,847	276,803	544,044	649,445	216,421	433,024	540,889	163,097	377,792	593,019	185,006	408,013	3
Tobacco manufactures.....	35,645	12,919	22,726	17,654	6,833	10,821	22,338	6,544	15,794	29,420	7,630	21,790	2
Textile mill products.....	367,510	104,706	262,804	420,183	74,449	345,734	330,303	82,701	247,602	263,571	58,795	204,776	15
Apparel and related products.....	83,945	22,114	61,831	62,558	14,279	48,279	54,657	9,947	44,710	60,701	13,821	46,880	5
Lumber and products (exc. furniture).....	171,574	56,048	115,526	191,817	50,887	140,930	180,343	44,118	136,225	183,326	53,212	130,114	6
Furniture and fixtures.....	77,441	26,247	51,194	58,087	( <sup>4</sup> )	( <sup>4</sup> )	55,441	( <sup>4</sup> )	( <sup>4</sup> )	60,245	23,762	36,483	6
Paper and allied products.....	406,779	117,231	289,548	299,083	62,906	236,177	383,630	68,945	314,685	445,167	87,506	357,661	3
Printing and publishing industries.....	226,368	82,143	144,225	244,396	54,322	190,074	188,956	( <sup>4</sup> )	( <sup>4</sup> )	199,114	44,565	154,549	5
Chemicals and allied products.....	810,732	279,739	530,993	602,998	149,183	453,815	1,162,229	315,461	846,768	1,092,200	289,261	802,939	2
Petroleum and coal products.....	399,754	317,440	82,314	331,541	201,360	130,181	612,785	305,007	307,778	857,976	531,496	326,480	5
Rubber products.....	109,783	30,893	78,890	79,958	16,944	63,014	126,918	24,513	102,405	131,992	22,539	109,453	2
Leather and leather products.....	31,301	8,064	23,237	25,791	( <sup>4</sup> )	( <sup>4</sup> )	18,745	4,197	14,548	24,678	6,147	18,531	7
Stone, clay, and glass products.....	285,066	104,378	180,688	222,652	54,538	168,014	269,522	68,727	200,799	281,715	80,442	201,273	4
Primary metal industries.....	592,177	212,687	379,490	548,253	138,698	409,555	1,619,221	540,633	1,078,588	1,211,656	398,770	812,886	1
Fabricated metal products.....	304,822	92,119	212,703	317,027	93,091	223,936	337,861	93,690	244,171	446,208	149,269	296,939	4
Machinery (except electrical).....	517,539	167,396	350,193	337,212	86,872	250,340	678,393	231,921	446,472	754,739	232,273	522,466	3
Electrical machinery.....	244,606	179,732	175,322	195,458	50,051	145,407	345,701	125,583	221,118	406,425	131,791	274,634	2
Transportation equipment.....	354,974	99,514	255,460	343,428	76,738	266,690	712,483	319,600	392,823	709,592	173,286	536,306	2
Instruments and related products.....	56,000	13,313	40,687	64,446	16,418	48,028	77,388	25,424	51,964	90,272	31,359	58,913	3
Miscellaneous manufactures <sup>5</sup> .....	106,960	31,515	75,445	98,275	19,395	78,880	234,626	66,751	167,875	205,876	64,409	141,467	7

<sup>1</sup> Smaller establishments submitting "short" form reports were not requested to include data on capital expenditures. Resulting understatement is negligible (see Ch. VI of Vol. I, "General Summary," *Census of Manufactures, 1947*).

<sup>2</sup> See text, p. 796, for explanation of standard error. Refers to total expenditures columns. Standard errors for new machinery columns approximately same as those for total expenditures; for new structures columns, they vary usually between 1 and 3 times the standard errors shown for total expenditures, up to a maximum of 20 percent.

<sup>3</sup> Not fully represented in sample; capital expenditures understated by approximately 1 to 10 percent; corresponding understatement of "All industries" total is less than 0.5 percent.

<sup>4</sup> Withheld because estimate did not meet publication standards. See text, p. 796.

<sup>5</sup> Includes privately owned and/or operated establishments classified in "Ordnance and accessories."

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures*.



## No. 1006.—MANUFACTURES—EXPENDITURES FOR NEW PLANT AND EQUIPMENT, BY STATES: 1952 AND 1953

[In thousands of dollars. See headnote, table 1005]

DIVISION AND STATE	1952			1953			Standard error, <sup>1</sup> 1952 (percent)
	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment	
United States.....	7,953,429	2,579,117	5,374,312	8,047,892	2,585,339	5,462,553	1
New England.....	419,737	105,521	314,216	389,542	86,742	302,800	4
Maine.....	31,283	3,880	27,403	38,593	9,248	29,345	7
New Hampshire.....	3 19,115	3 3,569	3 15,546	14,581	2,622	11,959	30
Vermont.....	11,615	(2)	(2)	9,527	1,550	7,977	30
Massachusetts.....	3 180,840	3 42,930	3 137,910	3 157,212	3 33,306	3 123,906	8
Rhode Island.....	29,476	5,841	23,635	33,643	8,495	25,148	7
Connecticut.....	147,039	47,758	99,281	3 134,353	3 29,989	3 104,364	4
Middle Atlantic.....	1,777,707	574,657	1,203,050	1,622,020	541,394	1,080,626	2
New York.....	550,845	182,227	368,618	514,135	127,503	386,632	4
New Jersey.....	311,324	95,135	216,189	332,939	116,779	216,160	3
Pennsylvania.....	915,538	297,295	618,243	774,946	297,112	477,834	2
East North Central.....	2,536,513	827,941	1,708,572	2,642,571	760,788	1,881,783	2
Ohio.....	747,744	219,921	527,823	735,425	239,037	496,388	2
Indiana.....	379,394	147,572	231,822	426,047	135,138	290,909	2
Illinois.....	618,411	174,399	444,012	602,058	178,830	423,228	3
Michigan.....	607,846	218,259	389,587	708,306	158,085	550,221	2
Wisconsin.....	183,118	67,790	115,328	170,735	49,698	121,037	15
West North Central.....	327,411	135,031	192,380	387,323	121,099	266,224	3
Minnesota.....	55,559	17,321	38,238	96,113	23,660	72,453	7
Iowa.....	3 59,783	3 18,713	3 41,070	3 64,614	3 17,857	3 46,757	7
Missouri.....	129,323	59,768	69,555	3 112,844	3 33,409	3 79,435	3
North Dakota.....	(2)	(2)	(2)	13,070	10,230	2,840	-----
South Dakota.....	2,148	(2)	(2)	3,270	1,466	1,804	20
Nebraska.....	3 21,807	3 9,362	3 12,445	36,031	9,049	26,982	20
Kansas.....	56,264	28,283	27,981	58,714	23,490	35,224	10
South Atlantic.....	754,463	209,196	545,267	850,964	237,084	613,880	3
Delaware.....	31,511	17,606	13,905	27,024	4,031	22,993	2
Maryland.....	3 95,598	3 36,293	3 60,305	115,935	51,897	64,038	4
District of Columbia.....	3,884	636	3,248	3,733	1,421	2,312	20
Virginia.....	3 88,642	3 17,292	3 71,350	3 134,874	3 21,989	3 112,885	2
West Virginia.....	3 93,838	3 17,281	3 76,557	113,776	22,950	90,826	2
North Carolina.....	141,109	33,538	107,571	135,411	39,913	95,498	4
South Carolina.....	94,489	28,017	66,472	58,859	16,653	42,206	4
Georgia.....	103,666	32,576	71,090	143,866	49,999	93,867	20
Florida.....	87,475	19,671	67,804	103,205	22,126	81,079	5
East South Central.....	376,557	118,137	258,420	399,322	114,417	284,905	2
Kentucky.....	129,302	48,529	80,773	109,007	33,370	75,637	4
Tennessee.....	110,854	29,869	80,985	3 156,438	3 41,315	3 115,123	4
Alabama.....	102,831	35,241	67,590	3 98,571	3 32,589	3 65,982	2
Mississippi.....	3 29,399	3 3,963	3 25,436	31,369	4,778	26,591	5
West South Central.....	951,436	354,241	597,195	883,038	368,298	514,740	2
Arkansas.....	3 53,286	3 20,929	3 32,357	70,206	25,080	45,126	5
Louisiana.....	233,665	121,081	112,584	245,250	117,537	127,713	5
Oklahoma.....	3 38,272	3 14,297	3 23,975	62,894	39,730	23,164	3
Texas.....	619,116	194,702	424,414	504,688	185,951	318,737	2
Mountain.....	126,649	29,556	97,093	122,340	39,916	82,424	5
Montana.....	3 10,958	3 3,598	3 7,360	31,881	15,388	16,493	8
Idaho.....	24,861	4,198	20,663	16,818	6,514	10,304	5
Wyoming.....	15,142	1,978	13,164	14,423	5,777	8,646	9
Colorado.....	34,183	(2)	(2)	3 26,583	3 3,467	3 23,116	15
New Mexico.....	3 4,773	3 1,103	3 3,670	3,932	1,201	2,731	20
Arizona.....	11,193	2,558	8,635	7,199	2,421	4,778	30
Utah.....	3 17,076	3 4,702	3 12,374	15,009	3,070	11,939	5
Nevada.....	(2)	(2)	(2)	3 4,794	3 1,393	3 3,401	-----
Pacific.....	682,956	224,837	458,119	750,772	315,601	435,171	3
Washington.....	144,892	43,004	101,888	125,083	49,302	75,781	3
Oregon.....	80,154	17,764	62,390	63,377	17,736	45,641	7
California.....	457,910	164,069	293,841	562,312	248,563	313,749	3

<sup>1</sup> See text, p. 796, for explanation of standard error. Refers to total expenditures column. For 1952, standard errors for new machinery column approximately same as those for total expenditures; for new structures column, they vary usually between 1 and 3 times the standard errors shown for total expenditures, up to a maximum of 30 percent. For 1953, specific standard errors of division and State estimates are not available. For estimates of \$100,000,000 or more, the standard errors tend to be 5 percent or less; for estimates of \$20,000,000 to \$100,000,000, they tend to lie between 3 and 10 percent; for estimates of \$10,000,000 to \$20,000,000, they tend to lie between 5 and 20 percent; while for estimates of less than \$10,000,000, they are apt to range between 5 and 30 percent. These ranges are only general guides. For any particular estimates in the table, the actual standard error may vary considerably from the modal ranges.

<sup>2</sup> Withheld because estimates did not meet publication standards. See text, p. 796.

<sup>3</sup> Excludes data for establishments under construction.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures*.

# No. 1007.—CANNED FRUIT AND VEGETABLE PRODUCTS—ANNUAL PRODUCTION: 1943-44 TO 1954-55

[Standard cases (in millions). Data are for pack years and are partly estimated]

PRODUCT	1943-44	1944-45	1945-46	1946-47	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55
<b>Fruits, total <sup>1</sup></b>	46.5	56.4	52.1	82.9	66.2	65.1	69.6	74.2	81.5	75.5	78.3	(2)
Apples	2.0	3.0	1.1	4.0	2.1	1.6	3.9	4.9	3.1	2.4	2.7	4.3
Applesauce	2.2	3.1	1.9	6.2	4.5	3.4	5.9	8.3	5.5	5.5	7.0	9.4
Apricots	1.3	7.8	4.4	10.7	3.3	4.8	2.4	3.7	4.6	4.0	4.8	2.8
Berries	1.0	.5	.4	.8	1.0	1.8	2.0	1.3	1.7	1.4	1.4	.8
Cherries, red pitted	.6	2.6	1.1	2.4	1.8	2.7	2.6	3.8	3.6	2.9	2.8	2.3
Cherries, other	.9	.9	1.3	1.8	.6	.8	1.7	.7	.9	1.3	1.1	1.0
Cranberries	1.1	.6	1.8	3.2	2.2	1.3	1.8	2.5	2.7	2.5	2.8	3.0
Figs	1.0	.9	.7	1.2	.8	.3	.3	.5	.7	.8	.5	.5
Grapefruit	.6	.4	2.1	4.0	2.3	3.1	2.4	3.2	2.4	2.6	3.0	(2)
Mixed fruits	5.8	6.6	6.5	8.9	10.2	11.0	7.6	8.2	10.0	8.3	9.2	10.0
Peaches	11.6	13.6	14.8	20.0	19.0	17.4	19.1	16.6	22.8	19.3	21.1	18.5
Pears	4.7	4.5	4.7	5.2	5.7	4.0	5.9	6.4	6.6	6.6	5.8	7.8
Pineapple <sup>3</sup>	10.2	9.1	7.9	8.4	9.4	10.8	10.8	11.3	12.2	14.6	13.4	13.1
Plums and prunes	2.4	1.8	2.5	4.2	2.3	.9	1.8	1.0	2.4	1.6	1.4	1.7
Olives, ripe	1.1	1.0	.9	1.9	1.0	.9	1.4	1.8	2.3	1.7	1.3	2.1
<b>Juices, total <sup>4</sup></b>	80.7	96.7	110.6	110.0	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Apple	1.4	2.7	1.1	4.4	1.4	1.1	2.7	3.4	3.0	3.1	3.0	4.1
Apricot, peach, pear	.2	.9	.2	1.5	1.5	1.6	1.5	(2)	(2)	(2)	(2)	(2)
Grape	1.6	2.0	2.5	3.4	3.4	3.5	2.8	(2)	(2)	(2)	(2)	(2)
Grapefruit	26.6	22.0	26.4	17.6	17.5	14.3	12.2	18.3	9.2	11.6	16.0	(2)
Lemon	(5)	(5)	.6	.4	.5	.4	.6	.4	.4	.7	.3	(2)
Orange	8.3	16.8	22.6	19.7	27.3	19.3	19.5	22.5	20.9	18.9	18.6	(2)
Orange-grapefruit	6.0	9.0	14.0	11.0	12.4	10.8	7.4	9.4	6.6	6.1	6.5	(2)
Pineapple <sup>3</sup>	9.4	8.9	9.6	9.0	9.9	11.5	12.0	13.7	12.2	16.9	16.4	16.0
Prune	1.9	2.7	4.9	4.0	3.9	4.0	5.4	4.5	4.0	(2)	(2)	(2)
Other fruit	.2	.2	1.3	3.5	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Tomato	22.5	28.4	23.4	29.2	19.5	27.8	23.5	26.2	36.2	35.8	37.8	27.1
Other vegetable	2.6	3.1	4.0	6.3	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>Seasonal vegetables, total <sup>4</sup></b>	(2)	(2)	(2)	(2)	(2)	(2)	(2)	124.3	149.2	139.8	140.7	135.0
Asparagus	4.2	4.3	4.5	4.6	3.8	3.6	4.4	4.5	4.8	4.4	4.0	5.0
Beans, green and wax	23.3	18.6	17.5	18.3	13.1	15.2	20.6	21.0	19.4	16.3	22.6	27.1
Beans, lima	2.0	1.7	1.6	1.7	2.2	2.5	4.4	3.2	3.0	2.3	3.1	3.5
Beets	7.2	8.7	9.5	7.0	3.4	4.4	7.3	8.2	7.5	6.7	8.6	7.1
Carrots	3.1	3.1	3.6	3.7	1.0	3.1	1.8	1.9	2.2	2.8	2.7	2.1
Corn	29.3	25.4	28.7	31.0	26.1	31.5	29.8	18.2	25.6	32.3	31.0	30.6
Greens, leafy	1.2	1.0	3.0	1.5	.9	1.7	2.5	2.0	2.8	2.9	2.3	2.1
Mixed vegetables	(2)	(2)	(2)	(2)	(2)	(2)	(2)	2.4	1.9	2.0	1.8	1.7
Peas, field	(2)	(2)	(2)	(2)	(2)	(2)	1.1	1.7	1.4	1.5	2.0	1.3
Peas, green	36.4	31.7	39.7	40.9	33.1	23.4	23.5	29.1	33.9	26.5	28.0	24.0
Pimientos	.2	.4	.5	.6	.5	.5	.6	1.2	.4	.3	1.0	.7
Pumpkin and squash	2.1	2.9	1.9	4.6	3.4	1.8	1.1	2.2	4.4	5.4	3.0	2.1
Spinach	7.7	9.0	8.4	8.4	3.9	5.0	6.7	5.6	7.6	6.1	5.4	4.0
Tomatoes	29.7	26.1	16.9	23.9	27.7	24.4	21.5	21.1	31.8	28.0	22.3	21.8
Other vegetable packs <sup>6</sup>	(2)	(2)	(2)	(2)	(2)	(2)	(2)	2.0	2.5	2.3	2.9	1.9
<b>Nonseasonal vegetables, total <sup>4</sup></b>	48.2	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Beans, all dry varieties	15.1	26.5	34.7	35.0	37.1	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Hominy	.4	(2)	(2)	(2)	4.3	4.5	4.8	(2)	(2)	(2)	(2)	(2)
Mushrooms	.4	.4	.4	.5	.9	.6	.7	.6	.6	.7	(2)	(2)
Sauerkraut	3.7	3.2	8.5	8.3	4.2	6.5	7.8	8.9	7.2	7.1	8.2	(2)
Spaghetti and macaroni	.1	.1	(2)	(2)	6.2	(2)	(2)	8.7	(2)	(2)	(2)	(2)
Sweet potatoes	1.2	1.7	3.1	4.2	1.7	1.8	3.1	4.3	3.2	5.0	4.9	4.1
Soups	23.0	29.7	39.1	43.0	43.5	42.0	41.0	(2)	(2)	(2)	(2)	(2)
White potatoes	4.3	1.6	(2)	(2)	.9	1.6	1.5	1.6	1.3	2.6	2.8	1.7
<b>Tomato products <sup>4</sup></b>	29.0	33.5	33.8	45.0	35.7	25.4	21.8	26.0	46.9	37.2	30.3	31.4
Catsup and chili sauce	9.9	12.0	10.1	13.0	16.9	13.2	8.7	11.7	19.8	15.5	15.2	14.4
Paste and sauce	9.1	10.0	11.5	16.2	12.9	8.5	9.0	10.3	19.4	17.0	11.5	13.8
Pulp and puree	10.0	11.5	12.2	15.8	5.9	3.7	4.1	4.0	7.7	4.7	3.6	3.2
<b>Canned baby foods, total <sup>7</sup></b>	56.8	77.5	104.1	120.2	90.0	126.7	122.1	130.2	119.6	134.1	156.4	160.6
Desserts	3.0	7.5	9.8	10.6	7.2	10.1	8.5	9.3	9.9	12.1	14.4	14.7
Fruits	15.7	26.6	38.9	45.0	34.8	41.6	49.6	49.3	44.9	49.4	61.1	63.1
Meat compounds	12.9	16.1	21.0	36.8	24.7	38.0	36.1	40.4	36.4	43.2	47.5	49.0
Vegetables	25.2	27.3	34.4	27.8	23.3	37.0	27.9	31.2	28.4	29.4	33.4	33.8

<sup>1</sup> Basis 24 No. 2½ cans.

<sup>2</sup> Not available.

<sup>3</sup> Hawaiian pack plus receipts from Puerto Rico. 1951-53 represents Hawaiian pack and foreign operations.

<sup>4</sup> Basis 24 No. 2 cans.

<sup>5</sup> Included in "Other fruit juices."

<sup>6</sup> Succotash, triple succotash, carrots and peas, okra, okra and tomatoes.

<sup>7</sup> Basis dozen cans.

Source: National Canners Association, Washington, D. C. Published in part in *Canned Food Pack Statistics*.



## No. 1008.—DENATURED ALCOHOL: 1910 TO 1954

[Includes data for Hawaii for all years and data for Puerto Rico beginning with Aug. 1, 1928]

YEAR ENDING JUNE 30—	Alcohol produced at industrial alcohol plants <sup>1</sup>	Denaturing plants operated	Ethyl alcohol used for denaturation <sup>2</sup>	DENATURED ALCOHOL PRODUCED <sup>3</sup>		
				Total	Completely denatured	Specially denatured
	<i>Proof gallons</i>		<i>Proof gallons</i>	<i>Wine gallons</i>	<i>Wine gallons</i>	<i>Wine gallons</i>
1910.....	-----	12	10,605,871	6,079,027	3,076,925	3,002,103
1915.....	-----	23	25,411,719	13,986,469	5,386,647	8,599,822
1920.....	18,933,551	52	45,640,949	28,836,350	13,528,403	15,307,947
1925.....	166,165,518	91	152,254,039	81,808,273	46,983,970	34,824,303
1930.....	193,823,717	68	185,000,827	106,776,978	59,063,510	47,713,468
1935.....	180,645,920	39	165,233,606	97,031,074	38,746,679	58,284,395
1940.....	243,727,756	40	225,160,792	126,761,830	15,352,033	111,409,797
1945.....	<sup>4</sup> 683,431,544	65	971,446,910	527,095,537	33,087,533	494,008,004
1948.....	332,282,148	48	339,651,745	184,281,826	34,887,789	149,394,037
1949.....	351,015,364	47	323,925,930	174,494,703	10,221,492	164,273,211
1950.....	313,535,129	46	322,836,727	174,673,641	4,414,058	170,259,583
1951.....	444,935,011	48	455,999,873	245,437,178	1,438,564	243,998,614
1952.....	467,389,720	55	489,788,861	262,493,485	993,027	261,500,458
1953.....	484,990,164	53	444,845,420	239,828,796	626,773	239,202,023
1954.....	378,499,045	45	386,229,157	208,595,671	625,366	207,970,305

<sup>1</sup> Separate accounts for alcohol produced at industrial alcohol plants required commencing May 1, 1920.<sup>2</sup> Through 1940, represents *withdrawals* of all products for denaturation, that is, domestic ethyl alcohol, spirits produced by registered distilleries (redesignated upon receipt at denaturing plants as alcohol), and rum. Beginning 1944, represents all products (except rum) *used* for denaturation, that is, domestic ethyl alcohol, imported ethyl alcohol, and spirits. Rum is included for 1935 and 1940 because denatured rum is included with specially denatured alcohol for those years.<sup>3</sup> Prior to 1944 includes denatured rum.<sup>4</sup> Represents gross production. Net production (gross production minus products used in redistillation) for 1945, 650,089,874.

Source: Treasury Department, Internal Revenue Service; annual reports.

## No. 1009.—ALCOHOLIC BEVERAGES—PRODUCTION, TAX-PAID WITHDRAWALS, AND STOCKS: 1947 TO 1954

[For years ending June 30. Includes data for Alaska and Hawaii. See also *Historical Statistics*, series J 172 for production of fermented malt liquor]

CLASS	Unit	1947	1948	1949	1950	1951	1952	1953	1954
Fermented malt liquor:									
Production.....	1,000 bbl. <sup>1</sup>	87,857	91,291	89,736	88,807	88,976	89,601	90,434	92,561
Tax-paid withdrawals.....	do	82,629	86,993	85,809	83,512	83,246	84,294	84,559	85,747
Stocks on hand June 30.....	do	9,565	9,888	9,879	10,982	11,344	10,962	11,058	11,846
Distilled spirits, total:									
Production <sup>2</sup> .....	1,000 tax gal. <sup>3</sup>	315,158	244,127	266,542	208,235	401,453	221,866	134,466	184,997
Tax-paid withdrawals <sup>4</sup> .....	do	173,505	147,160	141,767	144,124	174,625	141,791	155,927	158,791
Stocks on hand June 30 <sup>5</sup> .....	do	525,828	594,733	677,344	708,562	901,106	937,156	881,813	864,328
Whiskey:									
Production.....	do	167,995	129,597	149,595	118,760	205,702	103,544	66,765	102,541
Tax-paid withdrawals.....	do	58,823	53,603	52,675	60,499	76,442	64,908	71,351	75,699
Stocks on hand June 30.....	do	464,825	522,261	602,926	643,280	731,233	767,558	730,919	720,699
Rectified spirits and wines, production, total.....	1,000 proof gal.	148,560	125,733	118,955	107,861	122,373	93,928	97,772	90,411
Whiskey, production.....	do	130,701	114,917	107,782	94,908	108,152	83,146	83,888	77,610
Still wines: <sup>6</sup>									
Production <sup>6</sup> .....	1,000 wine gal. <sup>7</sup>	515,335	314,328	425,925	297,557	425,821	524,008	392,505	348,483
Tax-paid withdrawals.....	do	102,212	110,114	119,107	133,055	123,253	121,809	131,293	127,164
Stocks on hand June 30 <sup>8</sup> .....	do	160,211	147,708	162,586	127,000	133,978	170,606	158,739	140,525
Sparkling wines: <sup>9</sup>									
Production.....	1,000 half pints <sup>10</sup>	48,548	20,422	22,836	21,225	25,014	24,314	26,912	31,033
Tax-paid withdrawals.....	do	30,985	20,414	21,665	20,934	23,789	22,500	26,789	27,530
Stocks on hand June 30.....	do	39,491	36,465	34,859	32,387	30,994	30,294	28,541	29,559

<sup>1</sup> Barrels of 31 wine gallons.<sup>2</sup> Excludes ethyl alcohol.<sup>3</sup> A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon. For spirits of less than 100 proof the tax gallon is equivalent to the wine gallon.<sup>4</sup> Includes ethyl alcohol.<sup>5</sup> Excludes vermouth and other aperitif wines.<sup>6</sup> Production represents total amount removed from fermenters, including distilling material (substandard wines produced with excessive water or residue materials). In 1954, 231,348,915 gallons of distilling materials were produced.<sup>7</sup> Standard United States gallon.<sup>8</sup> Excludes distilling materials.<sup>9</sup> Includes champagne, other sparkling wines, and artificially carbonated wines.<sup>10</sup> Tax is payable on each ½ pint or fraction thereof in each bottle or container.

Source: Treasury Department, Internal Revenue Service; annual reports.

**No. 1010.—ETHYL ALCOHOL AND OTHER DISTILLED SPIRITS, EXCEPT BRANDY AND SPIRITS (FRUIT)—MATERIALS USED IN PRODUCTION, BY KINDS: 1901 TO 1954**

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	Molasses	GRAIN <sup>1</sup>				Ethyl sulphate	Pine- apple juice	Other materials <sup>2</sup>	
		Corn	Malt	Rye	Other <sup>3</sup>				
	1,000 gal.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 gal.	1,000 gal.	1,000 gal.	1,000 lb.
1901-1905.....	14, 059	1, 094, 027	197, 602	303, 038	3, 349	-----	-----	-----	-----
1906-1910.....	30, 630	1, 114, 277	202, 720	280, 112	1, 893	-----	-----	-----	-----
1911-1915.....	71, 726	1, 183, 706	209, 194	275, 374	5, 029	-----	-----	-----	-----
1916-1920.....	109, 627	958, 003	125, 429	65, 139	5, 298	-----	-----	49, 457	-----
1921-1925.....	144, 652	259, 134	53, 592	5, 219	<sup>4</sup> 854	-----	-----	42, 340	<sup>5</sup> 89, 387
1926-1930.....	239, 279	473, 682	29, 613	2, 722	<sup>6</sup> 1, 008	<sup>6</sup> 1, 274	-----	43, 546	58, 901
1931-1935.....	167, 264	480, 276	101, 183	245, 457	5, 252	10, 686	5, 671	8, 802	26, 606
1936-1940.....	183, 214	1, 398, 797	267, 247	466, 285	3, 179	31, 530	3, 449	12, 069	3, 195
1941-1945.....	240, 247	1, 652, 322	562, 455	348, 848	3, 069, 179	77, 809	2, 948	15, 085	49, 748
1946-1950.....	132, 504	1, 769, 024	381, 054	343, 640	604, 398	116, 613	3, 212	215, 945	660, 869
1947.....	73, 382	2, 651, 731	455, 336	237, 166	148, 398	106, 457	2, 880	222, 581	983, 782
1948.....	178, 502	1, 583, 653	344, 099	368, 989	617, 559	109, 245	4, 909	249, 189	274, 026
1949.....	161, 790	1, 716, 278	328, 247	375, 936	233, 767	131, 819	2, 566	249, 208	1,325,285
1950.....	131, 327	1, 523, 057	240, 216	272, 288	53, 902	132, 237	3, 331	205, 850	72, 816
1951.....	131, 206	2, 790, 404	564, 853	428, 736	1, 601, 429	148, 393	4, 404	292, 063	75, 229
1952.....	160, 801	1, 624, 372	294, 647	235, 281	855, 593	168, 020	7, 498	315, 744	72, 128
1953.....	223, 737	891, 384	133, 290	160, 174	58, 561	183, 167	6, 212	318, 880	120, 121
1954.....	83, 152	1, 295, 029	192, 817	285, 964	59, 819	189, 423	5, 611	277, 702	118, 209

<sup>1</sup> Conversion factor used was 56 pounds per bushel when reported in bushels.

<sup>2</sup> Wheat, barley, rice, sorghum grain, etc., also mixtures of corn, malt, and rye.

<sup>3</sup> Diamalt, sulphite liquors, manioc meal, maguey juice, maple sirup, cider, corn sirup, potatoes, crude alcohols mixtures, cellulose pulp and chemical mixtures, ethylene gas, whey, etc.

<sup>4</sup> 4-year average.

<sup>5</sup> 3-year average.

<sup>6</sup> 1930 figure.

Source: Treasury Department, Internal Revenue Service; annual reports.

**No. 1011.—DISTILLED SPIRITS, MALT LIQUORS, AND WINES—APPARENT AVERAGE ANNUAL PER CAPITA CONSUMPTION: 1850 TO 1954**

[In gallons, except distilled spirits which is shown in tax gallons.]

FISCAL YEAR	DISTILLED SPIRITS			MALT LIQUORS			WINES		
	Total	Domes- tic	Im- ported	Total	Domes- tic	Im- ported	Total	Domes- tic	Im- ported
1850.....	2.24	2.02	0.22	1.58	1.57	0.01	0.27	0.01	0.26
1860.....	2.86	2.67	0.19	3.22	3.18	0.04	0.34	0.06	0.28
1870.....	2.07	1.89	0.18	5.31	5.28	0.03	0.32	0.08	0.24
1871-1880 <sup>1</sup> .....	1.39	1.35	0.04	6.93	6.90	0.03	0.47	0.31	0.16
1881-1890 <sup>1</sup> .....	1.34	1.31	0.03	11.37	11.34	0.03	0.48	0.39	0.09
1891-1895 <sup>1</sup> .....	1.37	1.35	0.02	15.20	15.15	0.05	0.39	0.32	0.07
1896-1900 <sup>1</sup> .....	1.12	1.10	0.02	15.53	15.49	0.04	0.36	0.31	0.05
1901-1905 <sup>1</sup> .....	1.39	1.36	0.03	17.34	17.29	0.05	0.47	0.40	0.07
1906-1910 <sup>1</sup> .....	1.43	1.39	0.04	19.81	19.73	0.08	0.62	0.53	0.09
1915.....	1.26	1.23	0.03	18.40	18.37	0.03	0.33	0.27	0.06
1920.....	0.22	0.22	( <sup>2</sup> )	2.61	2.61	( <sup>2</sup> )	0.12	0.12	( <sup>2</sup> )
1925 <sup>3</sup> .....	0.09	0.09	( <sup>2</sup> )	-----	-----	-----	0.03	0.03	( <sup>2</sup> )
1930 <sup>3</sup> .....	0.08	0.08	( <sup>2</sup> )	-----	-----	-----	0.03	0.03	( <sup>2</sup> )
1935.....	0.70	0.67	0.03	10.45	10.44	0.01	0.30	0.28	0.02
1940.....	1.02	0.93	0.09	12.58	12.57	0.01	0.66	0.63	0.03
1945.....	1.22	1.05	0.17	18.86	18.79	0.07	0.73	0.70	0.03
1947.....	1.28	1.17	0.11	18.08	18.02	0.06	0.77	0.74	0.03
1948.....	1.06	0.97	0.09	18.58	18.56	0.02	0.79	0.77	0.02
1949.....	1.02	0.92	0.10	18.05	18.03	0.02	0.85	0.83	0.02
1950.....	1.02	0.92	0.10	17.26	17.24	0.02	0.93	0.91	0.02
1951.....	1.23	1.09	0.14	16.97	16.95	0.02	0.87	0.84	0.03
1952.....	1.00	0.87	0.13	16.94	16.92	0.02	0.85	0.82	0.03
1953.....	1.10	0.96	0.14	16.79	16.76	0.03	0.90	0.86	0.04
1954.....	1.13	0.98	0.15	16.69	16.65	0.04	0.86	0.82	0.04

<sup>1</sup> Average for the period. <sup>2</sup> Less than 0.005.

<sup>3</sup> Includes quantities withdrawn for certain manufacturing, compounding, medicinal, and sacramental uses.

Source: Department of Commerce, Business and Defense Services Administration.



## No. 1012.—TOBACCO PRODUCTS—PRODUCTION, BY KIND: 1901 TO 1953

[Data relate to products manufactured in continental United States, excluding those manufactured in customs bonded manufacturing warehouses, class 6. There were 207,262,461 large cigars manufactured in these warehouses in 1953. Large cigars are those weighing more than 3 pounds per thousand. See also *Historical Statistics*, series J 174, for data on cigarettes]

YEAR OR YEARLY AVERAGE	TOBACCO AND SNUFF (1,000 pounds)						CIGARS (1,000)		CIGARETTES (1,000)	
	Total	Plug	Twist	Fine cut	Smoking <sup>1</sup>	Snuff	Large	Small	Large	Small
1901-1905.....	346,841	175,981	11,903	138,402	20,556	6,513,095	716,720	7,143	3,227,606	
1906-1910.....	413,054	167,460	13,524	12,525	192,700	6,883,272	1,059,501	16,113	6,192,571	
1911-1915.....	437,346	158,529	15,017	10,795	221,865	31,140	7,087,530	1,053,654	15,695	14,802,416
1916-1920.....	456,584	159,869	14,346	9,758	237,808	34,805	7,364,937	810,327	26,026	41,565,670
1921-1925.....	409,457	115,445	10,105	6,972	239,151	37,785	6,691,913	557,300	16,704	65,903,991
1926-1930.....	389,244	99,470	8,374	5,821	235,421	40,159	6,360,650	414,044	10,479	109,361,216
1931-1935.....	349,785	64,662	5,404	3,660	239,072	36,987	4,648,368	245,412	20,417	121,762,676
1936-1940.....	344,331	54,402	6,029	4,703	241,561	37,636	5,184,661	164,652	2,956	174,117,549
1941-1945.....	327,473	56,967	6,223	4,535	217,829	41,919	5,457,472	125,370	23,938	285,475,536
1946-1950.....	242,865	45,321	5,522	3,250	148,725	40,047	5,520,509	82,684	846	376,692,809
1940.....	344,423	48,759	5,605	4,176	248,011	37,872	5,235,271	134,738	2,249	189,371,258
1941.....	342,427	50,230	5,614	5,069	241,897	39,616	5,610,176	146,711	1,790	217,934,925
1942.....	330,413	54,300	6,024	5,084	224,002	41,003	5,840,805	133,150	2,503	257,520,863
1943.....	327,089	58,945	6,257	4,460	214,249	43,179	5,363,027	125,480	6,111	296,173,333
1944.....	306,935	61,655	6,498	4,092	192,728	41,962	5,198,679	123,340	26,870	323,583,888
1945.....	330,602	59,704	6,723	3,970	216,271	43,834	5,274,675	98,167	82,416	332,164,670
1946.....	253,231	51,810	5,773	3,756	152,531	39,361	5,617,700	92,262	1,658	356,038,093
1947.....	242,283	47,306	5,152	3,793	146,869	39,163	5,487,656	79,690	537	369,682,769
1948.....	244,681	45,346	5,632	3,207	149,687	40,809	5,645,104	89,134	641	386,825,746
1949.....	238,942	41,903	5,586	2,757	147,788	40,908	5,452,994	83,460	707	384,961,695
1950.....	235,189	40,242	5,467	2,738	146,751	39,992	5,399,089	68,877	686	391,955,743
1951.....	227,151	39,918	4,551	2,817	140,412	39,453	5,594,291	69,216	815	418,801,801
1952.....	220,420	39,058	4,803	2,810	134,980	38,769	5,825,191	67,062	1,563	435,547,440
1953 <sup>2</sup> .....	209,368	38,053	4,670	2,855	124,738	39,052	5,914,526	58,320	468	423,069,766

<sup>1</sup> Includes scrap chewing tobacco.

<sup>2</sup> Number of factories on Jan. 1, 1954: Tobacco and snuff (excluding "quasi" manufacturers), 256; cigar, 1,119; cigarette, 44.

Source: Treasury Department, Internal Revenue Service; annual reports.

## No. 1013.—TOBACCO, LEAF—AMOUNTS CONSUMED IN THE MANUFACTURE OF CIGARS, CIGARETTES, CHEWING AND SMOKING TOBACCO, AND SNUFF: 1896 TO 1953

[In thousands of pounds. Figures represent the equivalent in unstemmed leaf tobacco of stemmed leaf or scraps, cuttings, and clippings. Tobacco used in the manufacture of cigars and cigarettes was converted on the basis of 3 pounds of stemmed leaf or scraps, etc., to 4 pounds of unstemmed beginning 1915 (conversion prior to 1915 was at the ratio of 3 to 5) and of tobacco and snuff beginning 1903. For 1896 to 1902, tobacco used in manufactured tobacco and snuff was shown only under two heads, namely, "leaf" and "scraps." It is probable that stemmed leaf was included with unstemmed tobacco under the head of "leaf" without the one kind being converted to the equivalent in the other. The conversion ratio of 3 to 4 was applied only to "scraps" for these years. Data exclude tobacco used in bonded manufacturing warehouses. See also *Historical Statistics*, series J 171, for annual total consumption]

YEAR OR YEARLY AVERAGE	Total	Cigars	Cigarettes	Tobacco and snuff	YEAR	Total	Cigars	Cigarettes	Tobacco and snuff
1896-1900.....	359,053	87,851	16,235	254,967	1940.....	922,716	126,835	535,218	260,663
1901-1905.....	451,461	124,411	12,444	314,606	1941.....	1,009,085	136,066	626,842	246,178
1906-1910.....	524,193	139,206	22,079	362,908	1942.....	1,131,065	140,679	754,550	235,837
1911-1915.....	578,283	151,890	52,207	374,186	1943.....	1,228,703	131,896	860,459	236,349
1916-1920.....	650,460	155,312	130,320	364,828	1944.....	1,254,541	129,882	920,418	204,241
1921-1925.....	672,077	151,421	198,069	322,588	1945.....	1,291,176	128,390	944,286	218,499
1926-1930.....	762,540	149,240	312,533	300,767	1946.....	1,306,667	137,539	1,000,938	168,190
1931-1935.....	740,934	112,296	345,985	282,652	1947.....	1,355,117	135,338	1,055,594	164,185
1936-1940.....	878,722	124,700	492,296	261,726	1948.....	1,400,091	139,823	1,099,176	161,092
1941-1945.....	1,182,914	133,383	821,311	228,221	1949.....	1,382,348	125,173	1,096,154	161,020
1946-1950.....	1,367,515	133,055	1,071,586	162,873	1950.....	1,393,355	127,409	1,106,067	159,878
1937.....	872,924	128,653	479,961	264,309	1951.....	1,464,663	129,819	1,184,633	150,211
1938.....	865,302	118,751	483,840	262,710	1952.....	1,521,851	138,019	1,239,622	144,210
1939.....	885,299	122,681	509,133	253,485	1953.....	1,519,930	139,682	1,243,860	136,383

Source: Treasury Department, Internal Revenue Service; annual reports.

## No. 1014.—BROAD-WOVEN FABRICS—PRODUCTION, BY TYPE: 1947 TO 1954

[In thousands of linear yards; in terms of gray goods except woollen and worsted which are in terms of finished yardage. Fabrics composed of a mixture of fibers classified according to primary fiber content except as noted]

PRODUCT	1947	1950	1951	1952	1953	1954 (prel.)
<b>Total broad-woven goods.....</b>	<b>12,371,120</b>	<b>13,105,067</b>	<b>12,887,241</b>	<b>12,160,416</b>	<b>12,946,200</b>	<b>12,281,583</b>
<b>Cotton woven goods over 12 inches in width, except tire fabrics, total.....</b>	<b>9,816,769</b>	<b>10,027,037</b>	<b>10,135,969</b>	<b>9,514,732</b>	<b>10,203,037</b>	<b>9,763,048</b>
Cotton duck.....	206,415	248,890	362,777	366,081	263,223	237,204
Sheeting and allied coarse and medium yarn fabrics.....	3,038,975	2,736,691	2,836,253	2,416,939	2,556,855	2,425,692
Print cloth yarn fabrics.....	3,229,025	3,663,449	3,709,429	3,638,293	3,956,483	3,947,009
Napped fabrics.....	502,393	412,965	408,682	297,790	290,316	259,235
Colored yarn cotton goods and related fabrics.....	751,749	860,318	779,053	827,362	862,816	756,825
Fine cotton goods (all combed, part-combed, and fine carded goods).....	1,312,582	1,218,381	1,233,133	1,112,721	1,307,928	1,243,456
Towels, toweling, washcloths, and Terry-woven fabrics other than towels.....	408,606	453,662	421,607	428,358	475,086	449,900
Specialties and all other fabrics.....	367,024	432,681	385,035	427,188	490,330	443,727
<b>Rayon and acetate broad-woven fabrics, total.....</b>	<b>1,976,835</b>	<b>2,406,205</b>	<b>2,083,836</b>	<b>1,851,693</b>	<b>1,963,233</b>	<b>1,654,914</b>
Pile, upholstery, drapery, tapestry, and tie fabrics.....	57,060	37,763	36,496	50,119	63,442	71,918
100 percent filament rayon and/or acetate fabrics, total.....	1,236,805	1,601,282	1,296,967	986,722	1,051,844	843,066
Flat fabrics.....	652,252	860,375	768,280	710,693	681,369	619,276
Twisted yarn fabrics.....	584,553	740,907	528,687	276,029	370,475	223,790
100 percent spun rayon and/or acetate fabrics.....	332,451	434,085	407,601	407,273	442,129	429,283
Combination filament and spun rayon and/or acetate fabrics.....	178,982	202,450	190,238	227,074	138,594	114,946
All other rayon mixtures.....	171,537	130,625	152,534	180,505	207,224	195,701
<b>Woollen and worsted woven fabrics, total<sup>1</sup>.....</b>	<b>515,843</b>	<b>470,513</b>	<b>375,400</b>	<b>351,359</b>	<b>337,911</b>	<b>280,143</b>
Apparel fabrics.....	448,388	390,638	316,411	307,951	290,652	255,507
Woollen.....	245,138	215,113	163,060	198,268	186,486	( <sup>2</sup> )
Worsted.....	203,250	175,525	153,351	109,683	104,166	( <sup>2</sup> )
Nonapparel fabrics.....	67,455	79,875	58,989	43,408	47,259	24,636
<b>Silk, nylon, glass, and other fabrics, total<sup>3</sup>.....</b>	<b>61,673</b>	<b>201,312</b>	<b>292,036</b>	<b>442,632</b>	<b>502,019</b>	<b>583,478</b>
100 percent nylon fabrics.....	21,881	110,233	167,561	279,168	315,426	348,886
100 percent silk fabrics.....	9,986	28,213	25,147	34,498	31,290	21,750
Other woven fabrics, not classified above.....	29,806	62,866	99,328	128,966	155,303	212,842

<sup>1</sup> Through 1950, includes all fabrics containing more than 25 percent wool; beginning 1951, includes fabrics containing 50 percent or more wool.

<sup>2</sup> Not available. <sup>3</sup> Includes fabrics made of acrylic, vinyl, protein, etc., fibers.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and *Facts for Industry*, Series M15A, M15C, M15H, and M15L.

## No. 1015.—TIRE CORD AND FABRIC—PRODUCTION, BY KIND: 1947 TO 1954

[In thousands of pounds]

PRODUCT	1947	1950	1951	1952	1953	1954 (prel.)
<b>Tire cord and fabrics, total.....</b>	<b>565,261</b>	<b>523,033</b>	<b>603,913</b>	<b>530,980</b>	<b>521,007</b>	<b>414,285</b>
Cotton.....	350,685	226,050	289,160	139,001	73,216	60,392
Tire cord fabrics woven (except chafer).....	<sup>1</sup> 285,076	126,806	168,920	74,834	<sup>1</sup> 16,113	<sup>1</sup> 12,499
Chafer fabrics and all other tire fabrics.....	65,609	60,655	65,124	48,280	57,103	47,893
Tire cord not woven.....	( <sup>1</sup> )	38,589	55,116	15,887	( <sup>1</sup> )	( <sup>1</sup> )
Rayon.....	<sup>2</sup> 214,576	<sup>2</sup> 296,983	<sup>2</sup> 314,753	383,897	428,941	324,124
Tire cord fabrics and all other tire fabrics.....	188,938	246,901	278,805	315,024	351,287	264,110
Tire cord not woven.....	25,638	50,082	35,948	68,873	77,654	60,014
Nylon.....				8,082	18,850	29,769

<sup>1</sup> Data for cotton tire cord not woven included with cotton tire cord fabrics woven.

<sup>2</sup> Includes nylon.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and *Facts for Industry*, Series M15A and M15M.



# No. 1016.—COTTON-SYSTEM SPINDLES, COTTON CONSUMPTION, AND STOCKS: 1840 TO 1954

[Statistics for 1915 to 1954 relate to 12 months ending July 31 and those for prior years to 12 months ending Aug. 31. For 1946-54, spindles in place include all cotton-system spindles in place regardless of fiber spun. Prior to 1946, "in place" figure represents all spindles in place used exclusively for spinning cotton. Consumption and stocks are expressed in running bales, counting round as half bales, except that all figures, 1840 to 1870, inclusive, and foreign cotton for all years are in equivalent 500-pound bales. See also *Historical Statistics*, series J 179-180, for data on active cotton-system spindles in the U. S. and total cotton consumed including linters]

YEAR	COTTON-SYSTEM SPINDLES (1,000)					Spindle hours consuming 100% cotton (millions)	COTTON CONSUMED, EXCLUDING LINTERS (1,000 bales) <sup>2</sup>			
	Total in place	Active <sup>1</sup>					United States	Cotton-growing States	New England	Other States
		United States	Cotton-growing States	New England	Other States					
1840.....	(3)	2, 285	181	1, 597	506	(3)	237	71	159	7
1850.....	(3)	3, 998	265	2, 959	775	(3)	576	78	431	67
1860.....	(3)	5, 236	324	3, 859	1, 053	(3)	845	94	567	184
1870.....	(3)	7, 132	328	5, 498	1, 306	(3)	797	69	551	177
1880.....	(3)	10, 653	561	8, 632	1, 460	(3)	1, 570	189	1, 129	252
1890.....	(3)	14, 384	1, 570	10, 934	1, 880	(3)	2, 518	539	1, 502	477
1900.....	(3)	19, 472	4, 368	13, 171	1, 933	(3)	3, 873	1, 523	1, 909	440
1910.....	28, 929	28, 267	10, 494	15, 735	2, 038	(3)	4, 622	2, 234	1, 995	393
1920.....	35, 834	35, 481	15, 231	18, 287	1, 963	(3)	6, 420	3, 583	2, 397	440
1925.....	37, 929	35, 032	17, 292	15, 975	1, 765	91, 055	6, 193	4, 220	1, 639	335
1930.....	34, 025	31, 245	18, 586	11, 351	1, 308	87, 515	6, 106	4, 749	1, 143	214
1935.....	30, 093	26, 701	18, 212	7, 763	726	72, 526	5, 361	4, 306	818	237
1940.....	24, 750	23, 586	17, 641	5, 279	666	97, 006	7, 734	6, 647	918	219
1945.....	23, 128	22, 675	17, 610	4, 511	554	111, 898	9, 568	8, 455	891	222
1947.....	23, 824	22, 519	17, 502	4, 541	476	114, 727	10, 025	8, 776	968	281
1948.....	23, 798	22, 675	17, 807	4, 429	439	119, 017	9, 354	8, 254	887	213
1949.....	23, 501	20, 134	16, 491	3, 276	367	98, 217	7, 795	6, 986	644	165
1950.....	22, 995	21, 790	17, 673	3, 739	378	109, 243	8, 851	8, 030	664	157
1951.....	23, 195	22, 140	18, 129	3, 637	374	126, 852	10, 654	9, 642	840	172
1952.....	23, 205	21, 298	18, 119	2, 927	252	106, 932	9, 120	8, 443	559	118
1953.....	22, 903	21, 423	18, 128	3, 066	229	118, 206	9, 424	8, 731	601	92
1954.....	22, 694	20, 626	17, 957	2, 522	147	109, 705	8, 576	8, 011	499	66

YEARLY AVERAGE OR YEAR	CONSUMPTION (1,000 bales)					STOCKS IN CONSUMING ESTABLISHMENTS AT END OF YEAR (1,000 bales)				
	Cotton, excluding linters					Cotton, excluding linters <sup>5</sup>				
	Total	Domestic				Foreign	Total	Do- mestic	Foreign	Linters
		Total	Upland	Sea Island	Amer- ican- Egyptian					
1906-1910.....	4, 829	4, 680	4, 616	64	149	7 163	6 731	6 673	58	7 39
1911-1915.....	5, 257	5, 051	4, 976	75	206	293	822	738	84	86
1916-1920.....	6, 388	6, 105	6, 034	71	282	734	1, 452	1, 352	100	179
1921-1925.....	5, 869	5, 577	5, 531	9	292	599	1, 003	911	92	139
1926-1930.....	6, 735	6, 434	6, 419	1	301	815	1, 150	1, 050	100	186
1931-1935.....	5, 466	5, 325	5, 311	1	14	720	1, 116	1, 061	55	261
1936-1940.....	6, 938	6, 799	6, 780	2	18	139	7, 133	7, 060	74	275
1941-1945.....	10, 301	10, 151	10, 105	3	42	149	1, 399	10, 233	121	391
1946-1950.....	9, 038	8, 829	8, 820	1	8	209	1, 243	4, 678	108	218
1945.....	9, 568	9, 448	9, 404	1	44	120	1, 481	10, 339	10, 215	124
1947.....	10, 025	9, 765	9, 755	1	9	260	984	2, 310	2, 178	132
1948.....	9, 354	9, 109	9, 101	2	5	246	1, 156	2, 806	2, 717	89
1949.....	7, 795	7, 634	7, 629	1	4	161	1, 406	5, 031	4, 962	69
1950.....	8, 851	8, 669	8, 666	1	2	182	1, 616	6, 496	6, 399	97
1951.....	10, 654	10, 487	10, 452	1	34	167	1, 396	2, 144	2, 032	112
1952.....	9, 120	9, 036	9, 011	1	24	84	1, 306	2, 569	2, 500	69
1953.....	9, 424	9, 292	9, 280	1	11	132	1, 359	5, 346	5, 252	94
1954.....	8, 576	8, 445	8, 439	6	131	1, 324	9, 473	9, 398	75	264

<sup>1</sup> For 1945 and earlier years data represent sum of greatest number of cotton spindles reported by each mill as active at any time during year, regardless of length of time operated. Beginning with 1947, active figure includes all cotton-system spindles active last day of year, regardless of type of fiber spun. On July 31, 1954, there were 19,299,000 spindles active on cotton, 1,151,000 on synthetics, 176,000 on other fibers and blends, and 2,068,000 idle.

<sup>2</sup> Includes linters for 1840 to 1908. Figures for all years include foreign and domestic cotton.

<sup>3</sup> Not available. <sup>4</sup> Cotton mills only.

<sup>5</sup> Includes stocks held in public storage and at compresses beginning 1938.

<sup>6</sup> Includes linters for 1906 to 1908. <sup>7</sup> Average, 1909 and 1910.

<sup>8</sup> "Upland" includes "American-Egyptian" beginning 1912 (first year produced).

Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

**No. 1017.—COTTON-SYSTEM SPINDLE ACTIVITY, 1952 TO 1954, AND COTTON CONSUMPTION, 1950 TO 1954, BY REGION AND STATE**

[For years ending July 31. Consumption comprises domestic and foreign cotton and is in running bales counting round as half bales, except foreign cotton which is in equivalent 500-pound bales]

REGION AND STATE	COTTON SPINDLES IN PLACE (1,000) <sup>1</sup>			SPINDLE HRS. CONSUMING 100% COTTON (millions)			COTTON CONSUMED, EXCLUDING LINTERS (1,000 bales)				
	1952	1953	1954	1952	1953	1954	1950	1951	1952	1953	1954
<b>United States</b> .....	23, 205	22, 903	22, 694	106, 932	118, 206	109, 705	8, 851	10, 654	9, 120	9, 424	8, 576
Cotton-growing States.....	18, 857	18, 913	18, 997	95, 044	104, 188	97, 655	8, 030	9, 642	8, 443	8, 731	8, 011
New England.....	4, 024	3, 704	3, 441	11, 051	13, 420	11, 644	664	840	559	601	499
Other States.....	324	286	256	837	598	406	157	172	118	92	66
Alabama.....	1, 722	1, 739	1, 755	9, 309	10, 062	9, 010	1, 088	1, 312	1, 122	1, 133	982
Connecticut.....	453	378	350	1, 209	1, 225	998	56	72	51	52	42
Georgia.....	3, 272	3, 249	3, 198	16, 492	17, 734	16, 250	1, 879	2, 370	1, 992	1, 914	1, 704
Maine.....	610	606	598	2, 327	2, 890	2, 569	170	207	166	189	172
Massachusetts.....	2, 041	1, 904	1, 781	5, 057	6, 348	5, 380	310	392	244	258	195
New York.....	125	87	56	345	152	51	61	66	38	22	8
North Carolina.....	6, 127	6, 114	6, 078	28, 344	31, 513	28, 262	2, 433	2, 870	2, 483	2, 673	2, 396
Rhode Island.....	688	585	487	1, 537	1, 994	1, 801	69	84	50	60	53
South Carolina.....	6, 033	6, 104	6, 268	32, 843	36, 258	35, 868	1, 953	2, 276	2, 155	2, 300	2, 263
Tennessee.....	530	523	514	2, 639	2, 852	2, 592	200	235	197	205	179
Texas.....	226	229	228	1, 050	1, 085	1, 094	153	175	149	144	142
Virginia.....	648	648	650	2, 922	3, 136	3, 291	186	233	189	197	194
All other States.....	730	737	731	2, 858	2, 957	2, 539	293	362	284	277	246

<sup>1</sup> Comprises all cotton-system spindles in place regardless of fiber spun.

Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*.

**No. 1018.—COTTON AND SYNTHETIC WOVEN GOODS, BLEACHED, DYED, OR PRINTED: 1947 TO 1953**

[In thousands of linear yards. Fabrics are classified by chief fiber content]

PRODUCT	1947	1949	1950	1951	1952	1953 (prel.)
<b>Bleached, dyed, or printed goods</b> .....	8, 915, 147	8, 290, 712	9, 328, 681	8, 894, 416	9, 802, 504	9, 623, 180
Cotton.....	6, 944, 456	6, 239, 821	7, 063, 046	6, 875, 015	7, 532, 104	7, 601, 478
Synthetic and silk <sup>1</sup> .....	1, 970, 691	2, 050, 891	2, 265, 635	2, 019, 401	2, 270, 400	2, 021, 702
<b>Bleached and white finished goods</b> .....	3, 814, 867	2, 980, 233	3, 466, 795	3, 547, 803	3, 598, 229	3, 540, 634
Cotton.....	3, 616, 001	2, 812, 950	3, 296, 423	3, 378, 848	3, 379, 937	3, 331, 051
Synthetic and silk <sup>1</sup> .....	198, 866	167, 283	170, 372	168, 955	218, 292	209, 583
<b>Plain dyed and finished goods</b> .....	3, 176, 320	3, 505, 218	3, 950, 245	3, 699, 938	4, 186, 808	4, 039, 386
Cotton.....	1, 757, 386	1, 942, 034	2, 166, 113	2, 094, 618	2, 413, 140	2, 450, 137
Synthetic and silk <sup>1</sup> .....	1, 418, 934	1, 563, 184	1, 784, 132	1, 605, 320	1, 773, 668	1, 589, 249
<b>Printed and finished goods</b> <sup>2</sup> .....	1, 923, 960	1, 805, 261	1, 911, 641	1, 646, 675	2, 017, 467	2, 043, 160
Cotton.....	1, 571, 069	1, 484, 837	1, 600, 510	1, 401, 549	1, 739, 027	1, 820, 290
Synthetic and silk <sup>1</sup> .....	352, 891	320, 424	311, 131	245, 126	278, 440	222, 870

<sup>1</sup> Comprises fabrics made of rayon, acetate, nylon, silk, glass, acrylic fibers, etc.

<sup>2</sup> Includes roller, screen, flock and block printed fabrics.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and *Facts for Industry*, Series M15G.



# No. 1019.—WOOL MANUFACTURING EQUIPMENT IN PLACE, 1943 TO 1953, AND BY REGION AND STATE, 1949

[Data as of end of year. Machinery in place is that which is set up in operating position]

YEAR, REGION, AND STATE	Worsted combs	Woolen spinning spindles	Worsted spinning spindles	Woolen and worsted looms	WOOL CARPET AND RUG LOOMS	
					Broad	Narrow
1943.....	2,582	1,653,550	1,957,593	42,213	2,422	3,488
1947.....	2,656	1,561,198	1,920,542	38,572	2,329	3,354
1948.....	2,679	1,535,127	1,863,335	38,146	2,359	3,209
1949.....	2,720	1,423,860	1,836,744	37,493	2,307	2,901
1950.....	2,808	1,308,139	1,814,430	36,337	2,338	2,556
1951.....	2,859	1,233,468	1,811,394	34,817	2,245	2,219
1952.....	2,694	1,127,077	1,691,088	33,811	2,226	2,262
1953 <sup>1</sup> .....	2,738	1,067,328	1,651,356	32,089	2,209	2,262
<b>1949</b>						
<b>United States</b> .....	<b>2,720</b>	<b>1,423,860</b>	<b>1,836,744</b>	<b>37,493</b>	<b>2,307</b>	<b>2,901</b>
New England.....	1,915	749,919	1,266,740	21,695	880	
Connecticut.....	(2)	128,573	(2)	2,083	(2)	
Maine.....	(2)	138,332	84,500	3,417	(2)	
Massachusetts.....	1,185	279,789	618,536	8,830	(2)	
New Hampshire.....	(2)	112,045	53,520	2,618	(2)	
Rhode Island.....	601	48,886	472,876	3,947	(2)	
Vermont.....	(2)	42,294	(2)	800	(2)	
Middle Atlantic.....	671	339,539	414,130	8,090	3,909	
New Jersey.....	403	53,957	153,622	2,324	458	
New York.....	74	173,845	67,668	1,814	2,050	
Pennsylvania.....	194	111,737	192,840	3,952	1,401	
Southern <sup>3</sup> .....	(2)	165,756	95,838	4,654	(2)	
North Central <sup>4</sup> .....	80	138,854	46,100	2,532	(2)	
Western <sup>5</sup> .....	(2)	29,792	13,936	522		

<sup>1</sup> June data.

<sup>2</sup> Not shown separately to avoid disclosing information for individual establishments.

<sup>3</sup> Ala., Del., Ga., Ky., N. C., S. C., Tenn., Texas, Va., W. Va., Md., and Okla.

<sup>4</sup> Ill., Ind., Iowa, Mich., Minn., Mo., Ohio, S. Dak., and Wis.

<sup>5</sup> Calif., Oreg., Utah, Wash., and Wyo.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M15H.

# No. 1020.—KNIT GOODS: CLOTH, UNDERWEAR, AND OUTERWEAR—PRODUCTION BY TYPE: 1947 TO 1953

PRODUCT	Unit	1947	1950	1952	1953
Knit cloth for sale, total <sup>1</sup> .....	Million pounds.....	152.6	162.8	170.5	164.2
Warp knit fabrics.....	do.....	41.5	47.2	52.7	47.2
Circular knit fabrics.....	do.....	111.1	115.6	117.8	116.9
Knit underwear and nightwear:					
Made from warp knit fabrics, all fibers.....	1,000 dozens.....	7,708	16,617	21,581	24,793
Made from circular knit fabrics:					
Rayon, silk, and synthetics.....	do.....	10,932	12,371	9,508	9,342
Cotton and wool.....	do.....	40,557	43,271	41,930	44,945
Knit outerwear:					
Sweaters, jackets, and jerseys.....	do.....	6,677	8,733	8,228	8,921
Bathing suits and trunks.....	do.....	500	328	225	348
Knit headwear and neckwear.....	do.....	1,556	1,599	1,881	1,916

<sup>1</sup> Beginning 1950, represents shipments.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and *Facts for Industry*, Series M15K, M67C, and M67G.

**No. 1021.—WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR—SELECTED GARMENTS CUT: 1939 TO 1954**

TYPE OF GARMENT	Unit	1939	1947	1950	1952	1953	1954 (prel.)
Blouses.....	1,000 dozens.....	2,886	7,496	10,764	13,019	13,302	14,666
Unit price dresses.....	1,000 units.....	194,383	127,791	139,607	145,919	142,876	144,235
Dozen price dresses.....	do.....		75,456	9,097	9,362	9,703	9,636
Suits.....	do.....	4,237	14,352	18,048	16,648	14,264	14,143
Skirts.....	1,000 dozens.....	1,084	2,020	4,784	5,551	6,072	6,035
Untrimmed coats.....	1,000 units.....	17,428	18,956	22,598	24,836	22,703	25,979
Fur-trimmed coats.....	do.....		1,924	2,105	1,792	1,330	

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and *Facts for Industry*, Series M67H.

**No. 1022.—MEN'S AND BOYS' CLOTHING—SELECTED GARMENTS CUT: 1937 TO 1954**

[Leaders indicate comparable data not available]

TYPE OF GARMENT	Unit	1937	1939	1947	1950	1952	1953	1954 (prel.)
Suits.....	1,000 units.....	23,743	27,354	28,882	27,145	22,248	24,532	-----
Men's and youths'.....	do.....	20,733	24,737	26,428	23,695	19,336	21,665	19,301
Boys'.....	do.....	3,010	2,617	2,454	3,450	2,912	2,867	-----
Separate trousers.....	do.....	-----	-----	60,905	65,819	67,638	79,022	-----
Separate coats.....	do.....	-----	-----	5,286	8,855	10,809	10,127	-----
Men's and youths'.....	do.....	-----	-----	4,760	7,039	8,212	7,510	-----
Boys'.....	do.....	-----	-----	526	1,816	2,597	2,617	-----
Dress and sport shirts, men's and youths'.....	1,000 dozens.....	<sup>2</sup> 12,027	13,362	17,042	18,100	18,016	22,362	20,229
Overalls.....	do.....	4,114	3,973	6,807	9,824	9,050	9,988	-----
Men's and youths'.....	do.....	-----	-----	4,241	6,100	5,277	6,046	-----
Boys'.....	do.....	-----	-----	2,566	3,724	3,773	3,942	-----
Work shirts (includes flannel).....	do.....	6,062	6,850	5,815	5,796	5,643	5,642	-----
Men's and youths'.....	do.....	-----	-----	4,959	5,471	5,162	5,196	4,656
Boys'.....	do.....	-----	-----	856	325	481	446	-----

<sup>1</sup> Includes 35,000 units produced by manufacturers not canvassed in 1952.

<sup>2</sup> Includes polo, tennis, and basque shirts of knitted fabrics.

Source: Department of Commerce, Bureau of the Census; monthly data published in *Facts for Industry*, Series M67B.

**No. 1023.—SHOES AND SLIPPERS—PRODUCTION, BY CLASS: 1939 TO 1954**

[In thousands of pairs. Excludes rubber footwear]

CLASS	1939	1947	1950	1952	1953	1954 (prel.)
Shoes and slippers, total.....	435,259	484,964	522,532	533,162	532,031	523,996
Footwear, except slippers, total.....	385,596	437,312	464,506	480,317	472,361	469,641
Shoes and sandals, total.....	<sup>1</sup> 385,596	429,923	456,611	473,504	466,058	463,662
Men's.....	104,762	<sup>2</sup> 107,486	103,361	103,859	100,735	94,485
Youths' and boys'.....	17,316	19,829	16,721	18,746	18,134	19,471
Women's.....	168,777	<sup>3</sup> 212,381	236,059	247,199	237,872	245,519
Misses'.....	46,091	27,026	32,706	34,840	38,571	36,727
Children's.....		27,035	29,173	32,144	32,874	31,169
Infants'.....	24,632	<sup>4</sup> 21,664	24,747	23,654	25,235	36,291
Babies'.....		14,502	13,844	13,062	12,637	
Athletic shoes.....	4,144	4,233	3,644	2,735	3,309	3,439
Other footwear.....	<sup>(5)</sup>	3,156	4,251	4,078	2,994	2,540
Slippers for housewear.....	49,663	47,652	58,026	52,845	59,670	54,355

<sup>1</sup> Includes 19,874,000 pairs of playshoes and other footwear not shown separately.

<sup>2</sup> Includes 743,000 pairs of men's, youths' and boys' playshoes.

<sup>3</sup> Includes 29,565,000 pairs of women's and misses' playshoes.

<sup>4</sup> Includes 758,000 pairs of infants' and babies' playshoes.

<sup>5</sup> Included in "Shoes and sandals, total."

Source: Department of Commerce, Bureau of the Census; 1939 and 1947 Census of Manufactures reports, and *Facts for Industry*, Series M68A.



## No. 1024.—HOSIERY—PRODUCTION, BY TYPE: 1948 TO 1954

[In thousands of dozens of pairs]

TYPE	1948	1949	1950	1951	1952	1953	1954
<b>Total, all types</b> -----	<b>147, 027</b>	<b>144, 512</b>	<b>160, 486</b>	<b>154, 750</b>	<b>163, 264</b>	<b>158, 788</b>	<b>151, 818</b>
Women's full-fashioned, total-----	44, 706	45, 228	51, 585	51, 183	51, 806	50, 657	48, 832
Silk-----	403	313	229	190	120	112	99
Nylon-----	42, 867	44, 569	51, 032	50, 740	51, 455	50, 334	48, 537
Rayon-----	1, 239	187	111	98	75	46	37
Cotton-----	143	134	196	141	137	148	143
All other yarns-----	.54	25	17	14	19	17	16
Seamless, total (including men's full-fashioned)-----	102, 321	99, 284	108, 901	103, 567	111, 458	108, 131	102, 986
Women's seamless, total-----	8, 517	7, 695	7, 449	7, 651	7, 672	8, 552	9, 742
Silk-----	42	25	3	-----	5	1	( <sup>1</sup> )
Nylon-----	3, 796	3, 630	4, 303	4, 885	5, 115	6, 272	7, 845
Rayon-----	1, 638	1, 476	1, 161	1, 104	896	713	530
Cotton-----	2, 373	2, 231	1, 619	1, 360	1, 381	1, 259	1, 095
Wool-----	108	77	80	59	41	65	31
Ribbed hose-----	560	256	283	243	234	242	191
Men's full-fashioned-----	105	70	35	37	43	36	38
Men's seamless half-hose, total-----	16, 131	14, 430	14, 023	13, 977	14, 376	11, 904	9, 981
Silk-----	21	8	4	2	7	( <sup>1</sup> )	5
Nylon-----	295	484	605	559	678	503	1, 159
Rayon-----	6, 140	4, 375	4, 281	3, 631	3, 014	2, 641	1, 481
Cotton-----	7, 953	7, 557	7, 271	7, 518	8, 049	6, 723	5, 762
Wool-----	1, 722	2, 006	1, 862	2, 267	2, 621	2, 030	1, 552
Synthetics, other-----	-----	-----	-----	-----	7	7	22
Men's slack socks, total-----	25, 939	26, 507	32, 438	30, 136	32, 302	31, 527	31, 906
Silk-----	33	4	4	11	3	2	1
Nylon-----	828	2, 280	3, 038	3, 241	4, 009	5, 163	8, 025
Rayon-----	9, 444	6, 756	7, 802	6, 850	6, 071	5, 178	3, 809
Cotton-----	14, 609	16, 457	20, 291	18, 895	20, 868	19, 820	18, 935
Wool-----	1, 025	1, 010	1, 303	1, 139	1, 144	1, 134	999
Synthetics, other-----	-----	-----	-----	-----	207	230	137
Cotton bundle goods-----	6, 077	5, 311	5, 511	5, 212	4, 723	4, 291	4, 426
Woolen bundle goods-----	1, 747	1, 642	1, 547	1, 834	1, 603	1, 267	1, 098
Athletic socks-----	1, 806	2, 108	2, 354	2, 067	1, 840	1, 797	1, 798
Crew socks-----	2, 785	2, 994	3, 082	2, 810	2, 953	2, 966	2, 366
Slipper socks-----	-----	-----	440	493	340	230	132
Children's and infants'-----	8, 408	8, 563	9, 465	9, 893	10, 979	9, 771	8, 118
Anklets, total-----	30, 806	29, 964	32, 557	29, 457	34, 627	35, 790	33, 381
Misses' and women's-----	13, 449	14, 099	14, 183	13, 251	14, 427	15, 279	13, 809
Men's and boys'-----	3, 382	3, 245	4, 190	3, 837	5, 046	5, 351	5, 436
Children's-----	6, 750	6, 690	8, 130	6, 703	9, 224	9, 449	9, 621
Infants'-----	7, 225	5, 930	6, 054	5, 666	5, 930	5, 711	4, 515

<sup>1</sup> Less than 500 dozen pairs.Source: National Association of Hosiery Manufacturers, New York, N. Y.; published annually in *Hosiery Statistics*.

## No. 1025.—LEATHER—PRODUCTION, BY PRINCIPAL TYPES OF RAW STOCK: 1937 TO 1954

[Cattle hide in thousands of hides, other figures in thousands of skins]

YEAR	Cattle hide	Calf and kip	Goat and kid	Sheep and lamb <sup>1</sup>	YEAR	Cattle hide	Calf and kip	Goat and kid	Sheep and lamb <sup>1</sup>
1937-----	22, 380	12, 027	46, 554	34, 232	1946-----	27, 033	10, 882	24, 137	47, 971
1938-----	19, 047	12, 991	31, 905	28, 941	1947-----	28, 813	12, 471	37, 256	36, 555
1939-----	22, 095	14, 027	40, 419	39, 384	1948-----	26, 071	10, 484	37, 931	33, 532
1940-----	21, 013	11, 387	37, 697	37, 920	1949-----	23, 388	10, 173	34, 752	28, 736
1941-----	28, 099	13, 098	45, 355	51, 865	1950-----	24, 385	10, 659	37, 183	31, 397
1942-----	30, 822	12, 264	41, 122	53, 634	1951-----	22, 708	7, 962	31, 091	24, 504
1943-----	25, 656	11, 112	37, 351	59, 315	1952-----	22, 675	9, 964	30, 427	27, 916
1944-----	26, 114	10, 930	34, 666	53, 959	1953-----	24, 053	9, 958	32, 142	28, 173
1945-----	27, 576	11, 636	24, 026	51, 847	1954-----	24, 059	9, 388	26, 408	23, 796

<sup>1</sup> Prior to 1940, includes skivers and excludes fleshers; beginning 1940, includes fleshers and excludes skivers.Source: Tanners' Council of America. Monthly figures published in *Survey of Current Business*.

# No. 1026.—RUBBER (NATURAL, RECLAIMED, AND SYNTHETIC)—NEW SUPPLY, DISTRIBUTION, AND STOCKS: 1945 TO 1954

[In tons of 2,240 pounds. Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic comprises GR-S, Neoprene, Butyl, and Butadiene-Acrylonitrile; reclaimed comprises both natural and synthetic rubber reclaims]

ITEM	1945	1948	1949	1950	1951	1952	1953	1954
<b>New supply, total</b> .....	1,209,761	1,506,225	1,295,552	1,620,112	1,954,869	1,899,013	1,807,171	1,494,701
Domestic production.....	1,064,218	755,204	617,719	789,190	1,211,092	1,071,952	1,143,991	879,940
Natural.....	536							
Reclaimed.....	243,309	266,861	224,029	313,006	365,933	273,386	295,550	257,088
Synthetic.....	820,373	488,343	393,690	476,184	845,159	798,566	848,441	622,852
Imports.....	145,543	751,021	677,833	830,922	743,777	827,061	663,180	614,761
Natural.....	135,136	735,340	660,566	804,142	732,925	805,575	647,614	596,847
Reclaimed.....	(1)	10	25	1,059	767	1,595	2,786	1,013
Synthetic.....	10,407	15,671	17,242	25,721	10,085	19,891	12,780	16,901
<b>Distribution, total</b> .....	1,143,979	1,353,492	1,234,685	1,590,324	1,586,993	1,577,720	1,665,999	1,530,253
Domestic consumption.....	1,040,045	1,330,517	1,211,582	1,562,290	1,560,419	1,541,415	1,623,359	1,482,461
Natural.....	105,429	627,332	574,522	720,268	454,015	453,846	553,473	597,435
Reclaimed.....	241,036	261,113	222,679	303,733	347,507	280,532	285,050	249,049
Synthetic.....	693,580	442,072	414,381	538,289	758,897	807,037	784,836	635,977
Exports.....	103,934	22,975	23,103	28,034	26,574	36,305	42,640	47,792
Natural.....	6,743	6,673	6,253	8,640	2,603	3,024	8,376	7,443
Reclaimed.....	13,413	11,428	10,367	11,741	14,722	11,180	11,597	10,232
Synthetic.....	83,778	4,874	6,483	7,653	9,249	22,101	22,667	30,117
<b>Stocks, end of year</b> <sup>2</sup> .....	350,324	289,304	232,936	177,681	251,603	244,911	320,480	283,864
Natural.....	118,715	141,541	106,619	89,215	76,569	95,260	112,316	102,943
Reclaimed.....	28,155	32,630	28,263	35,708	45,082	30,664	32,319	30,746
Synthetic <sup>3</sup> .....	203,454	115,133	98,054	52,758	129,952	118,987	175,845	150,175

<sup>1</sup> Less than 0.5 long tons.

<sup>2</sup> Differences between "new supply" and "distribution" not precisely comparable with "stocks" due to year-end and inventory adjustments.

<sup>3</sup> Includes stocks shipped for export which had not yet cleared port.

Source: Department of Commerce, Business and Defense Services Administration. Monthly data published in *Survey of Current Business*.

# No. 1027.—SYNTHETIC ORGANIC CHEMICALS—PRODUCTION AND SALES, BY GROUP: 1952 AND 1953

GROUP	1952			1953		
	Production	Sales	Sales value	Production	Sales	Sales value
<b>ORGANIC CHEMICALS, CYCLIC</b>						
	1,000 lb.	1,000 lb.	\$1,000	1,000 lb.	1,000 lb.	\$1,000
Intermediates.....	4,171,124	1,544,388	290,278	4,698,585	1,874,175	341,421
Finished products.....	4,514,914	4,004,088	1,663,008	4,938,508	4,198,285	1,669,890
Dyes.....	145,209	148,603	170,699	165,806	151,675	167,526
Color index.....	101,131	101,640	83,975	117,206	107,986	89,546
Prototype.....	24,101	25,457	46,532	32,612	29,516	49,586
Ungrouped.....	19,977	21,506	40,192	15,988	14,173	28,394
Medicinals.....	55,803	42,828	407,207	51,003	41,080	380,914
Plastics and resin materials.....	1,351,329	1,112,786	310,239	1,605,447	1,317,069	362,958
Rubber-processing chemicals.....	107,905	77,718	42,054	121,532	85,495	47,592
Elastomers (synthetic rubbers).....	1,393,559	1,513,986	361,112	1,414,944	1,387,198	319,056
Plasticizers.....	194,362	144,539	51,126	223,810	180,137	59,955
Surface-active agents.....	477,643	380,968	64,371	594,089	438,491	73,301
Pesticides and other organic agricultural chemicals.....	371,890	289,441	110,659	297,054	281,652	98,572
Miscellaneous.....	417,214	293,219	145,541	464,823	315,488	160,016
<b>ORGANIC CHEMICALS, ACYCLIC</b>						
Intermediates and finished products.....	17,433,163	8,835,545	1,829,745	19,491,452	9,564,533	2,019,046
Medicinals.....	11,012	7,955	22,595	15,582	13,147	28,154
Plastics and resin materials.....	981,863	932,218	417,010	1,171,180	1,054,911	474,578
Rubber-processing chemicals.....	19,395	16,589	11,701	23,252	17,726	12,463
Elastomers (synthetic rubbers).....	495,324	489,406	187,620	543,406	521,595	210,308
Plasticizers <sup>1</sup> .....	73,362	57,754	24,114	69,088	54,929	23,380
Surface-active agents <sup>1</sup> .....	263,504	231,328	55,345	327,505	293,613	71,671
Pesticides and other organic agricultural chemicals.....	45,734	41,874	22,700	58,899	52,494	19,945
Miscellaneous.....	15,542,969	7,058,421	1,088,660	17,282,540	7,556,118	1,178,547

<sup>1</sup> 1953 data not strictly comparable with statistics for 1952; some items reported in 1952 as plasticizers were reclassified as surface-active agents in 1953.

Source: U. S. Tariff Commission; annual report, *Synthetic Organic Chemicals, United States Production and Sales*.



## No. 1028.—CHEMICALS—PRODUCTION, BY KIND: 1947 TO 1954

[Data for chemicals shown are restricted to a selected group comprised for the most part of inorganic chemicals and related products which are sufficiently important economically to justify publication. Data for production by Government-owned arsenals, ordnance works, and certain plants operated for Government by private industry are excluded, except that data for chemicals manufactured by Tennessee Valley Authority are included.]

CHEMICAL AND BASIS	Unit	1947	1950	1953	1954 <sup>1</sup>
Ammonia, synthetic anhydrous.....	Short tons.....	1, 114, 000	1, 565, 569	2, 287, 785	2, 719, 660
Ammonium nitrate, original solution (100%NH <sub>4</sub> NO <sub>3</sub> ).....	do.....	1, 086, 869	1, 213, 911	1, 558, 457	1, 857, 626
Ammonium sulfate, synthetic (technical) <sup>2</sup> .....	do.....	195, 848	1, 137, 721	576, 232	928, 447
Calcium carbide (commercial).....	do.....	607, 113	671, 492	793, 335	713, 422
Calcium phosphate, dihasic (100%CaHPO <sub>4</sub> ).....	do.....	41, 323	53, 046	103, 467	119, 366
Carbon, activated <sup>3</sup> .....	do.....	35, 548	37, 921	42, 388	46, 200
Carbon dioxide: Liquid and gas and solid (dry ice) <sup>4</sup> .....	do.....	477, 800	639, 906	743, 368	720, 133
Chlorine, gas <sup>5</sup> .....	do.....	1, 443, 219	2, 084, 161	2, 797, 279	2, 895, 100
Chrome green (C. P.).....	do.....	6, 991	7, 688	7, 447	6, 546
Chrome yellow and orange (C. P.).....	do.....	23, 235	27, 098	25, 518	24, 510
Hydrochloric acid (100%HCl).....	do.....	442, 558	618, 784	773, 500	740, 604
Hydrofluoric acid, anhydrous and technical (100%H <sub>2</sub> F <sub>2</sub> ).....	do.....	27, 933	35, 174	51, 845	51, 910
Hydrogen.....	Mil. cu. ft.....	21, 185	45, 163	<sup>6</sup> 25, 512	<sup>6</sup> 32, 420
Methanol (natural) (100%CH <sub>3</sub> OH).....	M gallons.....	2, 598	2, 082	1, 984	2, 002
Molybdate chrome orange (C. P.).....	Short tons.....	2, 238	3, 905	4, 138	4, 801
Nitric acid (100%HNO <sub>3</sub> ).....	do.....	1, 189, 411	1, 335, 718	1, 764, 362	1, 996, 472
Oxygen.....	Mil. cu. ft.....	14, 429	17, 848	25, 300	22, 039
Phosphoric acid, total (50%H <sub>3</sub> PO <sub>4</sub> ).....	Short tons.....	1, 012, 971	1, 640, 599	2, 646, 957	2, 957, 876
Silver nitrate (100%AgNO <sub>3</sub> ).....	M ounces.....	38, 336	55, 549	63, 242	62, 807
Soda ash (commercial sodium carbonate): Ammonia soda process— Total wet and dry (98–100%Na <sub>2</sub> CO <sub>3</sub> ) <sup>7</sup> .....	Short tons.....	4, 524, 668	3, 991, 199	4, 879, 396	4, 701, 364
Finished light (98–100%Na <sub>2</sub> CO <sub>3</sub> ) <sup>8</sup> .....	do.....	2, 206, 590	2, 049, 806	2, 571, 651	2, 556, 846
Finished dense (98–100%Na <sub>2</sub> CO <sub>3</sub> ).....	do.....	1, 629, 406	1, 410, 110	1, 770, 589	1, 681, 491
Natural (Na <sub>2</sub> CO <sub>3</sub> equivalent) <sup>9</sup> .....	do.....	276, 428	338, 379	423, 706	511, 333
Sodium bicarbonate (refined) (58%Na <sub>2</sub> O).....	do.....	124, 611	101, 365	107, 322	112, 086
Sodium bichromate and chromate.....	do.....	90, 285	89, 829	108, 585	99, 196
Sodium hydroxide (caustic soda): <sup>10</sup> Liquid (100%NaOH).....	do.....	2, 103, 150	2, 510, 720	3, 262, 484	3, 393, 879
Solid (100%NaOH).....	do.....	493, 357	438, 378	423, 151	519, 741
Sodium phosphate: Monohasic (100%NaH <sub>2</sub> PO <sub>4</sub> ).....	do.....	14, 690	15, 703	20, 738	<sup>11</sup> 7, 003
Dihasic (100%Na <sub>2</sub> HPO <sub>4</sub> ).....	do.....	78, 806	158, 756	<sup>(12)</sup> 50, 494	<sup>11</sup> 26, 510
Tribasic (100%Na <sub>3</sub> PO <sub>4</sub> ).....	do.....	88, 568	66, 801	50, 494	48, 302
Meta (100%NaPO <sub>3</sub> ).....	do.....	30, 460	39, 412	52, 437	52, 808
Tetra (100%Na <sub>4</sub> P <sub>2</sub> O <sub>7</sub> ).....	do.....	56, 641	85, 657	95, 287	107, 065
Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous).....	do.....	492, 837	486, 203	610, 853	607, 027
Sodium sulfate: Anhydrous (refined) (100%Na <sub>2</sub> SO <sub>4</sub> ).....	do.....	134, 969	184, 254	219, 751	237, 744
Glauber's salt (100%Na <sub>2</sub> SO <sub>4</sub> ·10H <sub>2</sub> O) <sup>9</sup> .....	do.....	202, 285	185, 626	204, 159	145, 093
Salt cake (crude) (commercial) <sup>9</sup> .....	do.....	693, 517	561, 395	737, 146	663, 476
Sulfuric acid, gross (100% H <sub>2</sub> SO <sub>4</sub> ) <sup>13</sup> .....	do.....	10,780,166	13,029,359	14,002,534	14,000,519
Zinc yellow (zinc chromate) (C. P.).....	do.....	3, 476	4, 565	6, 909	5, 812

<sup>1</sup> Preliminary.

<sup>2</sup> Excludes byproduct coke-oven production. Data for 1950 to 1954 include synthetic ammonium sulfate produced in coke plants.

<sup>3</sup> Includes data for deodorizing, decolorizing, and water purification grades. Data for gas-mask and solvent recovery grades excluded.

<sup>4</sup> Liquid and gas excludes quantities produced and consumed in the same plants manufacturing soda ash.

<sup>5</sup> Total production including quantities liquefied for use, storage, or shipment.

<sup>6</sup> Excludes quantities produced and consumed in manufacture of methanol and ammonia but includes an unspecified amount of hydrogen produced for sale or interplant transfer to plants consuming this gas in production of ammonia.

<sup>7</sup> Includes quantities diverted to manufacture of caustic soda and sodium bicarbonate and quantities processed to finished light and finished dense soda ash.

<sup>8</sup> Excludes quantities converted to finished dense soda ash.

<sup>9</sup> Collected in cooperation with Bureau of Mines.

<sup>10</sup> Liquid production figures represent total production for each process, including quantities later evaporated to solid caustic and reported as such.

<sup>11</sup> Represents quantities produced only for sale or interplant transfer.

<sup>12</sup> Not available.

<sup>13</sup> Includes sulfuric acid of oleum grades.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports; 1950–54 compiled from manufacturers' reports and published in *Facts for Industry*, Series M19A.

# No. 1029.—INDUSTRIAL EXPLOSIVES MANUFACTURED AND SOLD IN THE UNITED STATES: 1930 TO 1953

[In thousands of pounds. Excludes exports]

YEAR	Total	Per- mis- sible explo- sives <sup>1</sup>	High explo- sives other than permis- sible	BLACK BLAST- ING POWDER		USE	Total	Per- mis- sible explo- sives <sup>1</sup>	High explo- sives other than permis- sible	Black blast- ing pow- der
				Gran- ular	Pellet					
1930	445,090	53,826	291,391	63,139	36,735	1952	<sup>2</sup> 764,718	95,460	636,741	10,602
1934	314,768	39,208	206,625	37,193	31,742	Coal mining	<sup>3</sup> 268,896	94,482	144,996	7,577
1935	308,381	39,170	200,324	34,223	34,665	Metal mining	151,225	62	151,148	14
1936	391,605	47,859	262,047	40,420	41,278	Quarrying and nonmetallic mineral mining	<sup>4</sup> 167,455	763	165,511	1,107
1937	404,744	49,579	288,924	29,837	36,404	Railway and other con- struction work	162,362	101	160,800	1,461
1938	332,130	41,859	238,576	23,552	28,143	All other purposes	14,780	52	14,285	443
1939	386,438	49,950	278,250	28,322	29,915	1953	<sup>2</sup> 790,811	89,879	668,952	9,515
1940	423,369	58,436	305,180	29,084	30,670	Coal mining	<sup>3</sup> 250,578	88,810	134,483	4,868
1941	481,927	70,612	351,857	27,882	31,576	Metal mining	167,419	73	167,294	52
1942	499,255	84,022	359,699	24,167	31,367	Quarrying and nonmetallic mineral mining	<sup>4</sup> 176,985	819	175,189	930
1943	477,651	92,656	338,573	19,814	26,608	Railway and other con- struction work	181,856	94	178,988	2,774
1944	464,111	102,538	318,613	16,282	26,677	All other purposes	13,973	83	12,999	891
1945	457,311	97,407	322,956	12,303	24,644					
1946	536,315	100,258	399,233	13,539	23,285					
1947	<sup>2</sup> 651,391	122,349	476,017	9,837	26,627					
1948	<sup>2</sup> 725,227	126,282	550,086	8,236	25,004					
1949	<sup>2</sup> 631,230	91,630	505,601	5,853	14,224					
1950	<sup>2</sup> 719,841	109,420	575,962	5,441	15,214					
1951	<sup>2</sup> 753,821	108,258	611,236	3,752	10,233					
1952	<sup>2</sup> 764,718	95,460	636,741	3,887	6,715					
1953	<sup>2</sup> 790,811	89,879	668,952	5,186	4,329					

<sup>1</sup> Represents type of high explosives approved by Bureau of Mines as suitable for safe use in coal mines provided specifications of use are followed.

<sup>2</sup> Includes 16,562,000 liquid oxygen explosive in 1947, 15,620,000 in 1948, 13,922,000 in 1949, 13,804,000 in 1950, 20,341,000 in 1951, 21,915,000 in 1952, and 22,465,000 in 1953.

<sup>3</sup> Includes 21,841,000 liquid oxygen explosive in 1952, and 22,417,000 in 1953.

<sup>4</sup> Includes 74,000 liquid oxygen explosive in 1952, and 48,000 in 1953.

Source: Department of the Interior, Bureau of Mines; *Production of Explosives in the United States*.

# No. 1030.—ASPHALT AND TAR ROOFING AND SIDING PRODUCTS—SHIPMENTS: 1947 TO 1954

PRODUCT AND UNIT OF MEASURE	1947	1948	1949	1950	1951	1952	1953	1954 (prel.)
<b>Asphalt roofing, total</b> .....1,000 squares..	71,461	59,939	52,357	65,024	59,117	57,938	56,703	59,132
Smooth-surfaced.....do.....	22,482	16,344	13,038	14,377	13,577	12,459	12,084	11,591
Mineral-surfaced.....do.....	16,357	13,569	12,510	14,116	13,961	13,704	12,964	12,910
Strip shingles.....do.....	28,569	26,216	23,573	32,109	27,401	27,806	27,411	30,149
Individual shingles.....do.....	4,053	3,810	3,236	4,422	4,178	3,969	4,244	4,482
<b>Asphalt sidings, total</b> .....do.....	4,316	3,280	2,499	2,009	2,078	1,858	1,557	1,428
Roll form.....do.....	3,903	2,866	2,090	1,659	1,754	1,540	1,277	1,175
Shingle form.....do.....	413	414	409	350	324	318	280	253
Mineral-surfaced insulating board base siding.....1,000 squares..	3,686	2,560	2,188	2,402	2,411	2,718	2,794	2,297
Asphalt board products.....1,000 sq. ft..	86,086	31,932	32,184	48,376	56,200	45,933	43,840	32,528
<b>Saturated felts, total</b> .....short tons..	457,870	538,042	541,947	720,951	747,562	707,301	773,349	869,755
Asphalt.....do.....	354,291	448,751	462,769	620,579	622,606	598,199	648,274	732,770
Tar.....do.....	103,579	89,291	79,178	100,372	124,956	109,102	125,075	136,985
Saturated and coated sheatings, total short tons..	37,619	14,619	10,284	12,025	13,571	9,587	9,609	10,066

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and *Facts for Industry*, Series M26D.



**No. 1031.—PRESSED AND BLOWN GLASSWARE—QUANTITY AND VALUE OF SHIPMENTS, BY CLASS: 1951 TO 1953**

[Comprises products manufactured from glass produced in reporting establishment]

CLASS	Unit	1951		1952		1953	
		Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
<b>Shipments, total value</b>			324, 939		324, 599		361, 865
Tumblers, goblets, and other stemware	1,000 doz	75, 244	54, 133	67, 655	52, 885	68, 514	55, 279
Cooking ware <sup>1</sup>	1,000 pieces	69, 444	12, 550	67, 294	14, 920	68, 879	14, 807
Ornamental, decorative, novelty glassware, and smokers' accessories, total.			12, 583		12, 785		13, 659
<b>Lighting glassware, total</b>			108, 102		115, 831		146, 549
Electric-light bulb and electronic-tube blanks (including radio, television, X-ray, radar, and special tubes and parts).			82, 817		92, 870		123, 872
Bowls, all types			3, 387		2, 972		2, 311
Enclosing globes, all types			3, 379		3, 005		2, 825
Shades, reflectors, and torchers			5, 416		4, 654		4, 682
Railroad, marine, and traffic lighting glassware.			1, 359		1, 186		1, 292
Lamp chimneys	1,000 doz	1, 265	1, 334	1, 228	1, 335	1, 113	1, 246
Lantern globes (oil and electric)	do	424	967	294	675	315	810
All other lighting glassware			9, 443		9, 134		9, 511
All other pressed and blown glassware (except glass containers). <sup>2</sup>			137, 571		128, 178		131, 571

<sup>1</sup> Heat-resistant, heat-treated, and annealed.

<sup>2</sup> Comprises tubing (except fluorescent and neon) and technical, scientific, and industrial glassware.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M77E.

**No. 1032.—GLASS CONTAINERS—DIRECT EXPORTS AND DOMESTIC PRODUCTION AND SHIPMENTS, BY KIND: 1951 TO 1954**

[In thousand gross]

ITEM	1951		1952		1953		1954	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
<b>Total</b>	117, 692	114, 738	115, 592	114, 102	128, 892	127, 516	126, 898	124, 693
Direct exports		3, 062		2, 675		3, 112		2, 779
Domestic production and shipments:								
<b>Narrow-neck, total</b>	78, 052	73, 066	73, 367	70, 376	81, 610	78, 346	79, 132	75, 640
Food		11, 528		11, 918		12, 614		12, 745
Medicinal and health supplies		13, 726		13, 073		13, 980		14, 629
Household and industrial	41, 688	7, 788	40, 514	7, 787	44, 820	9, 079	46, 800	9, 276
Toiletries and cosmetics		6, 241		6, 597		7, 839		8, 918
Beverage, returnable	7, 087	6, 398	8, 659	7, 898	9, 563	8, 980	7, 163	6, 304
Beverage, nonreturnable	178	180	519	446	929	873	1, 087	963
Beer, returnable	5, 175	4, 525	2, 842	2, 258	3, 387	2, 934	2, 561	2, 125
Beer, nonreturnable	10, 251	9, 816	8, 178	8, 198	8, 896	8, 636	7, 739	7, 729
Liquor	10, 302	9, 645	8, 772	8, 519	9, 775	9, 205	9, 325	8, 709
Wine	3, 371	3, 219	3, 883	3, 682	4, 240	4, 206	4, 457	4, 242
<b>Wide-mouth, total</b>	39, 640	38, 610	42, 225	41, 051	47, 282	46, 058	47, 766	46, 274
Food <sup>1</sup>		26, 841		28, 888		31, 664		33, 150
Medicinal and health supplies		3, 849		3, 975		4, 730		4, 648
Household and industrial	34, 467	1, 311	37, 031	1, 537	41, 800	1, 910	42, 870	1, 855
Toiletries and cosmetics		1, 603		1, 614		2, 375		1, 907
Dairy products	3, 639	3, 517	3, 241	3, 150	3, 364	3, 367	2, 945	2, 778
Packers tumblers	1, 534	1, 489	1, 953	1, 887	2, 118	2, 012	1, 951	1, 936

<sup>1</sup> Includes fruit jars and jelly glasses.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M77C.

## No. 1033.—REFRACTORIES—SHIPMENTS: 1951 TO 1953

PRODUCT	Unit	1951		1952		1953	
		Quantity	Value f. o. b. plant	Quantity	Value f. o. b. plant	Quantity	Value f. o. b. plant
<b>Clay refractories, total</b> -----			\$1,000 171,086		\$1,000 161,092		\$1,000 159,663
Fire-clay brick, standard and special shapes, except superduty.	M 9" equiv.	710,289	78,562	610,254	70,849	542,568	67,051
Superduty fire-clay brick, standard and special shapes.	do.	92,783	16,158	88,647	15,261	69,184	12,754
Insulating fire-brick, standard and special shapes.	do.	56,605	11,076	60,127	11,510	48,740	9,925
High-alumina brick, standard and special shapes (50% Al <sub>2</sub> O <sub>3</sub> and over, except fused alumina and mullite).	do.	23,414	6,825	21,655	6,655	16,230	5,337
Ladle brick.	do.	226,918	14,652	199,913	13,490	236,230	16,995
Glass-house pots, tank blocks, upper structure, and floaters.	Short tons	25,763	3,819	19,404	3,373	16,299	3,262
Hot-top refractories.	M 9" equiv.	54,944	5,517	48,892	5,042	60,133	6,368
Sleeves, nozzles, runner brick, and tuyeres.	do.	65,581	8,879	54,231	7,789	56,946	8,565
High-temperature bonding mortars.	Short tons	82,745	6,877	72,427	6,272	76,229	6,727
Plastic refractories.	do.	99,577	5,529	101,893	5,624	109,243	5,868
Cast and castables (hydraulic setting).	do.	69,138	5,628	82,387	6,807	87,060	7,309
Ground crude fire clay and high-alumina material.	do.	444,970	4,877	380,651	4,590	376,386	4,952
Other clay refractories.			2,687		3,830		4,550
<b>Nonclay refractories, total</b> -----			155,756		139,154		164,704
Silica brick and shapes.	M 9" equiv.	374,237	51,686	327,997	46,797	338,043	54,033
Magnesite and magnesite-chrome brick and shapes.	do.	39,132	21,800	38,150	21,948	41,288	25,019
Chrome and chrome-magnesite brick and shapes.	do.	55,949	27,343	48,187	23,658	54,709	28,638
Graphite and other carbon crucibles and retorts.	Short tons	13,343	7,425	9,844	5,573	12,130	7,691
Other graphite and carbon refractories.	do.	1,527	677	1,329	593	1,618	905
High-temperature bonding mortars.	do.	46,787	5,644	44,990	5,283	50,522	6,536
Plastic refractories.	do.	133,292	10,522	141,836	11,245	164,872	12,991
Dead-burned magnesite and magnesite.	do.	372,000	16,620	353,000	16,818	353,000	17,177
Other nonclay standard and special shapes.			25,313		19,485		22,068
Other nonclay refractory materials sold in lump or ground form.			5,346		4,572		6,823

<sup>1</sup> Excluded from total to avoid duplication.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M27C.

## No. 1034.—STRUCTURAL CLAY PRODUCTS—PRODUCTION AND SHIPMENTS, BY KIND: 1950 TO 1953

PRODUCT AND UNIT OF MEASURE	1950	1951	1952	1953
<b>Unglazed brick, common and face:</b>				
Production-----1,000 standard bricks	6,333,260	6,625,303	5,888,738	5,873,850
Shipments: Quantity-----do.	6,486,332	6,306,561	5,642,239	5,771,211
Value-----\$1,000	164,470	170,743	154,881	162,752
<b>Hollow facing tile, glazed and unglazed:</b>				
Production-----1,000 brick equivalent	434,003	484,698	413,479	455,690
Shipments: Quantity-----do.	432,027	467,767	389,376	444,294
Value-----\$1,000	22,438	25,984	22,104	26,304
<b>Unglazed structural tile:</b>				
Production-----short tons	1,294,364	1,238,683	976,986	990,383
Shipments: Quantity-----do.	1,316,972	1,166,879	993,910	921,985
Value-----\$1,000	14,896	14,098	11,435	11,524
<b>Vitrified clay sewer pipe:</b>				
Production-----short tons	1,549,037	1,688,493	1,649,410	1,655,132
Shipments: Quantity-----do.	1,567,664	1,554,711	1,548,109	1,562,986
Value-----\$1,000	53,402	58,238	59,161	61,117
<b>Floor and wall tile and accessories:<sup>1</sup></b>				
Production-----1,000 square feet	124,746	146,573	132,085	137,429
Shipments: Quantity-----do.	127,302	141,322	123,267	134,375
Value-----\$1,000	61,579	71,277	64,146	71,569
<b>Drain tile:</b>				
Production-----short tons	627,055	688,787	819,919	817,826
Shipments: Quantity-----do.	627,545	655,757	815,490	793,785
Value-----\$1,000	10,191	11,387	14,073	14,223

<sup>1</sup> Glazed and unglazed floor and wall tile, and accessories, including quarry tile.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M26B.



# No. 1035.—PIG IRON AND FERRO-ALLOYS—CAPACITY, PRODUCTION, AND MATERIALS USED: 1900 TO 1953

[In thousands of short tons (2,000 pounds), except number of furnaces]

ITEM	1900	1910	1920	1930	1935	1940	1945	1950	1952	1953
Blast furnaces, total number, Dec. 31	406	473	452	300	258	231	241	250	258	260
Number in blast, Dec. 31	232	206	216	97	124	206	201	234	247	210
Blast furnace capacity <sup>1</sup>	(2)	(2)	56,249	57,855	57,098	55,724	67,314	71,560	73,782	79,380
Blast furnace production	(2)	(2)	41,179	35,338	23,704	46,979	54,166	65,440	62,151	75,857
Percent of capacity	(2)	(2)	73.2	61.1	41.5	84.3	80.5	91.4	84.2	95.6
Pig iron	(2)	(2)	40,593	34,743	23,274	46,072	53,223	64,587	61,313	74,901
Ferro-alloys	(2)	(2)	586	594	429	907	943	853	838	955
<b>Total production<sup>4</sup></b>	<b>15,444</b>	<b>30,580</b>	<b>41,357</b>	<b>35,562</b>	<b>23,937</b>	<b>47,399</b>	<b>54,919</b>	<b>66,400</b>	<b>63,354</b>	<b>77,250</b>
By kind:										
Basic	1,201	10,175	18,746	20,601	15,253	33,988	39,867	49,880	47,511	59,883
Bessemer and low-phosphorus	8,936	12,595	13,510	8,193	4,747	7,835	8,570	8,426	7,753	8,408
Foundry (incl. ferro-silicon)	3,781	5,892	6,673	4,436	2,137	2,791	3,067	3,646	3,419	3,273
Malleable	194	944	1,468	1,760	1,350	1,832	2,350	3,181	3,120	3,784
Forge	888	632	356	57	6	4				
Ferromanganese, spiegeleisen, and all other	442	342	604	517	444	949	1,066	1,267	1,550	1,902
By disposition:										
For sale	(2)	(2)	12,011	7,933	4,505	6,837	8,351	8,957	(2)	(2)
For maker's use	(2)	(2)	29,346	27,630	19,433	40,561	46,569	57,443	(2)	(2)
Materials used: <sup>5</sup>										
Iron ore, briquettes, etc.	27,027	57,948	74,424	60,101	39,405	79,672	91,276	112,156	104,850	126,629
Cinder, scale, scrap, etc.	1,792	3,136	5,585	7,052	4,768	7,480	9,749	10,731	10,110	13,351
Coke	(2)	(2)	42,046	31,168	20,272	40,451	48,965	59,549	56,531	67,861
Limestone	8,313	16,271	19,964	12,431	8,425	16,678	20,863	27,708	26,119	31,309

<sup>1</sup> Annual capacity as of Jan. 1; capacity as of Jan. 1, 1954, was 82,001,390 short tons.

<sup>2</sup> Not available. <sup>3</sup> Average annual capacity as of Jan. 1 and July 1.

<sup>4</sup> Includes ferro-alloys made in electric furnaces.

<sup>5</sup> Materials consumed in manufacture of pig iron only, beginning 1930. <sup>6</sup> Coke and bituminous coal.

Source: American Iron and Steel Institute, annual report.

# No. 1036.—PIG IRON AND FERRO-ALLOYS—PRODUCTION, BY STATES: 1945 TO 1953

[In thousands of short tons (2,000 pounds)]

STATE	1945	1946	1947	1948	1949	1950	1951	1952	1953
<b>Grand total</b>	<b>54,919</b>	<b>46,200</b>	<b>60,117</b>	<b>61,912</b>	<b>54,917</b>	<b>66,400</b>	<b>72,449</b>	<b>63,354</b>	<b>77,250</b>
<b>Pig iron, total</b>	<b>53,223</b>	<b>44,779</b>	<b>58,329</b>	<b>60,055</b>	<b>53,413</b>	<b>64,587</b>	<b>70,274</b>	<b>61,313</b>	<b>74,901</b>
Massachusetts, New York	3,295	2,780	3,869	3,875	3,541	4,302	4,699	4,192	4,958
Pennsylvania	16,171	13,251	17,563	17,742	15,037	18,240	20,221	16,897	20,767
Maryland, West Virginia	3,519	2,949	3,662	4,240	4,383	5,203	5,339	4,651	5,096
Kentucky, Tennessee, Texas	808	656	818	1,228	1,089	1,460	1,598	1,322	1,701
Alabama	3,582	3,149	3,929	4,013	3,663	4,347	4,371	4,173	4,663
Ohio	11,259	9,534	12,317	12,471	10,640	12,510	13,710	12,270	15,148
Indiana	5,982	4,829	6,401	6,493	5,991	7,018	7,756	6,594	8,350
Illinois	5,045	4,357	5,600	5,513	4,913	6,024	6,566	5,485	6,582
Michigan, Minnesota	1,921	1,893	1,924	2,101	2,002	2,830	2,904	2,688	3,169
Colorado, Utah, California	1,642	1,381	2,245	2,379	2,154	2,653	3,112	3,041	3,867
<b>Ferro-alloys, total</b>	<b>1,696</b>	<b>1,421</b>	<b>1,788</b>	<b>1,856</b>	<b>1,504</b>	<b>1,813</b>	<b>2,174</b>	<b>2,041</b>	<b>2,349</b>
New York, New Jersey	449	386	431	451	316	392	391	276	327
Pennsylvania	573	437	553	616	467	554	658	565	664
Virginia, West Virginia, South Carolina	171	141	278	302	266	287	306	250	389
Tennessee	66	64	84	88	47	60	77	67	
Alabama	85	60	53	28	37	59	47	118	111
Ohio	204	200	212	210	166	198	242	470	479
Other States	148	133	177	161	206	264	454	294	379

Source: American Iron and Steel Institute, annual report.

# No. 1037.—PIG IRON AND FERRO-ALLOYS—PRODUCTION, EXPORTS, AND IMPORTS: 1871 TO 1954

[In short tons (2,000 pounds). Prior to 1901 exports and imports are for years ending June 30 following years specified; calendar years thereafter. Imports are imports for consumption beginning with 1933. All production figures are for calendar years. For figures for earlier years, see *Abstract for 1931*]

YEARLY AVERAGE OR YEAR	Production	Exports of domestic merchandise	Imports	YEAR	Production	Exports of domestic merchandise	Imports
1871-1875.....	2,518,088	8,301	154,102	1939.....	35,677,097	238,224	129,497
1876-1880.....	2,870,295	3,816	309,792	1940.....	47,398,529	685,617	45,503
1881-1885.....	4,817,228	5,948	364,325	1941.....	56,686,604	610,729	28,844
1886-1890.....	7,928,829	13,896	257,566	1942.....	60,903,304	150,151	31,606
1891-1895.....	9,108,976	25,741	61,351	1943.....	62,769,947	231,068	28,056
1896-1900.....	12,870,969	251,180	38,425	1944.....	62,866,198	185,526	34,190
1901-1905.....	20,428,425	50,921	352,537	1945.....	54,919,029	122,819	74,193
1906-1910.....	26,907,689	88,052	308,040	1946.....	46,199,826	134,584	55,103
1911-1915.....	30,820,405	226,252	148,681	1947.....	60,117,319	92,676	231,473
1916-1920.....	41,451,650	463,931	119,718	1948.....	61,911,559	112,885	319,433
1921-1925.....	34,132,119	41,444	405,785	1949.....	54,916,785	115,971	174,878
1926-1930.....	42,215,094	58,316	289,690	1950.....	66,400,311	379,353	946,262
1931-1935.....	17,486,488	14,521	177,424	1951.....	72,448,543	83,365	1,221,175
1936-1940.....	36,174,206	476,409	144,024	1952.....	63,353,955	87,443	476,992
1941-1945.....	59,629,017	260,059	39,378	1953.....	77,250,168	61,916	762,790
1946-1950.....	57,909,160	167,094	345,430	1954.....	59,806,242	63,832	378,923

Source: Production, American Iron and Steel Institute, annual report. Exports and imports, Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the U. S.*, and records.

# No. 1038.—ROLLED AND MISCELLANEOUS IRON AND STEEL PRODUCTS—PRODUCTION, BY KIND: 1930 TO 1953

[In short tons (2,000 pounds). See also *Historical Statistics*, series J 170]

KIND	1930	1935	1940	1945	1950	1952	1953
<b>Hot-rolled products, total.....</b>	<b>33,054,568</b>	<b>26,840,298</b>	<b>48,660,369</b>	<b>59,811,669</b>	<b>75,190,581</b>	<b>71,348,528</b>	<b>85,943,724</b>
Plates.....	4,102,362	1,629,987	4,323,408	7,245,888	7,386,199	8,702,537	9,780,948
Sheets.....	3,932,944	5,796,624	11,705,956	12,067,487	22,692,918	18,549,315	25,918,784
Black plate.....	2,120,144	2,307,462	521,924	941	152,605		
Strip.....	2,174,885	2,965,300	2,077,744	2,542,935	3,903,657	3,259,252	3,908,772
Coils for cold reduced black plate and tin plate.....	(1)	(1)	3,103,627	4,436,924	5,990,547	6,171,726	6,998,776
Hoops.....	89,425	100,634	97,074	51,891	37,331	28,921	35,779
Cotton ties and baling bands.....	51,737	27,685	44,918	34,216	49,211	62,562	47,662
Bars—merchant.....	4,627,810	4,142,944	6,459,263	9,649,412	9,352,560	9,772,817	10,980,243
Bars—concrete.....	952,169	624,243	1,425,998	834,806	1,832,606	1,974,276	2,042,282
Structural shapes.....	3,933,970	1,959,709	4,232,346	4,467,164	5,442,104	5,354,382	6,537,556
Steel piling.....	118,275	145,929	186,125	188,639	242,778	206,765	262,932
Rails.....	2,098,021	796,921	1,678,986	2,417,520	1,849,580	1,472,139	1,981,931
Long splice bars and tie plate bars.....	679,157	300,471	515,928	856,638	655,875	576,359	633,834
Skelp.....	3,003,892	1,514,328	2,709,000	2,894,023	4,164,454	3,855,076	4,696,092
Blanks, tube rounds or pierced billets for seamless tubes.....	1,397,935	1,067,776	2,320,966	3,384,489	4,031,053	4,080,146	4,983,997
Wire rods.....	2,630,432	2,733,689	4,351,848	4,531,157	5,819,677	5,212,600	5,192,719
Rolled forging billets.....	340,581	380,697	919,826	3,566,697	1,214,500	1,361,103	1,445,489
Blooms, billets, etc. for export.....	10,623	44,759	1,677,905	178,600	11,241	311,194	1,811
Rolled steel car wheels.....		83,714	191,102	291,375	260,365	316,936	322,008
All other.....	790,206	217,426	116,425	170,867	101,320	80,422	172,109
<b>Miscellaneous products: 2</b>							
Tin plate and terneplate.....	1,882,619	1,996,960	2,738,581	2,827,483	4,640,296	4,109,341	4,841,213
Galvanized sheets.....	1,170,681	1,151,743	1,695,300	1,676,181	2,273,756	1,996,710	2,348,687
Galvanized formed products.....	73,047	67,245	84,854	58,717	117,881	(1)	(1)
Wire (plain).....	(1)	2,177,816	3,071,824	3,544,826	4,854,950	4,326,386	4,162,912
Wire nails.....	478,071	443,596	648,593	583,048	876,395	661,014	525,561
Cut nails and spikes.....	22,996	19,748	24,377	15,279	30,418	23,926	21,092
Pipes and tubes (black).....	(1)	2,276,544	4,272,684	6,030,243	9,310,055	8,611,055	10,249,931
Forgings made by rolling mills <sup>3</sup> .....	532,978	352,390	623,101	1,655,746	457,481	648,160	697,518

<sup>1</sup> Not available.

<sup>2</sup> These are mostly further elaborations of products listed above.

<sup>3</sup> Includes forged axles.

Source: American Iron and Steel Institute, annual report.



# No. 1039.—STEEL—CAPACITY AND PRODUCTION OF INGOTS AND STEEL FOR CASTINGS, BY TYPE OF FURNACE: 1890 TO 1954

[In short tons (2,000 pounds). See also *Historical Statistics*, series J 165-169]

YEAR	Capacity <sup>1</sup> (Jan. 1)	PRODUCTION							Percent production of capac- ity
		Total <sup>2</sup>	Open hearth			Bessemer	Electric	Crucible	
			Total	Basic	Acid				
1890-----		4,790,320	574,820	(3)	(3)	4,131,536	(3)	79,716	-----
1900-----		11,410,928	3,805,911	2,850,502	955,409	7,486,942	(3)	112,629	-----
1910-----		29,226,309	18,485,050	17,127,408	1,357,642	10,542,305	61,975	136,979	-----
1915-----	46,249,146	36,009,161	26,520,594	24,925,772	1,534,822	9,281,679	79,452	127,436	77.9
1920-----	62,313,591	47,188,886	36,592,522	35,140,810	1,451,712	9,949,057	566,370	80,937	75.7
1925-----	68,473,222	50,840,747	42,598,627	41,537,823	1,060,804	7,530,837	689,373	21,910	74.2
1930-----	72,985,406	45,583,421	39,255,073	38,380,514	874,559	5,639,714	686,111	2,523	62.5
1935-----	78,451,930	38,183,705	34,401,280	34,004,585	396,695	3,175,235	606,471	719	48.7
1940-----	81,619,496	66,982,686	61,573,083	60,882,840	690,243	3,708,573	1,700,006	1,024	82.1
1944-----	<sup>4</sup> 93,854,420	89,641,600	80,363,953	79,168,294	1,195,659	5,039,923	4,237,699	25	95.5
1945-----	95,505,280	79,701,648	71,939,602	71,069,876	869,726	4,305,318	3,456,704	24	83.5
1946-----	91,890,560	66,602,724	60,711,963	60,112,300	599,663	3,327,737	2,563,024	( <sup>5</sup> )	72.5
1947-----	91,241,250	84,894,071	76,873,793	76,209,268	664,525	4,232,543	3,787,735	( <sup>5</sup> )	93.0
1948-----	94,233,460	88,640,470	79,340,157	78,714,852	625,305	4,243,172	5,057,141	( <sup>5</sup> )	94.1
1949-----	96,120,930	77,978,176	70,248,803	69,742,110	506,693	3,946,656	3,782,717	( <sup>5</sup> )	81.1
1950-----	<sup>4</sup> 99,982,650	96,836,075	86,262,509	85,661,651	600,858	4,534,558	6,039,008	( <sup>5</sup> )	96.9
1951-----	104,229,650	105,199,848	93,166,518	92,387,447	779,071	4,890,946	7,142,384	( <sup>5</sup> )	100.9
1952-----	108,587,670	93,168,039	82,846,439	82,143,400	703,039	3,523,677	6,797,923	( <sup>5</sup> )	85.8
1953-----	117,547,470	111,609,719	100,473,823	99,827,729	646,094	3,855,705	7,280,191	( <sup>5</sup> )	94.9
1954-----	124,330,410	88,311,652	80,327,494	80,019,628	307,866	2,548,104	5,436,054	( <sup>5</sup> )	71.0

<sup>1</sup> Annual capacity as of Jan. 1, 1955, was 125,828,310 tons.

<sup>2</sup> Includes all other grades not shown separately, as follows: 1890, 4,248 tons; 1900, 5,445 tons. Beginning 1935, figures include only that part of steel for castings which was made in foundries producing steel ingots.

<sup>3</sup> Not available.

<sup>4</sup> Average of Jan. 1 and July 1.

<sup>5</sup> Included with electric steel.

Source: American Iron and Steel Institute, annual report.

# No. 1040.—BLAST FURNACES AND STEEL WORKS AND ROLLING MILLS—SUMMARY: 1889 TO 1953

[Data for years prior to 1937 include figures for steel castings, thereafter such data are excluded]

YEAR	Num- ber of estab- lish- ments	PRODUCTION WORKERS		Value added by manufac- ture (\$1,000) <sup>1</sup>	YEAR	Num- ber of estab- lish- ments	PRODUCTION WORKERS		Value added by manufac- ture (\$1,000) <sup>1</sup>
		Number (average for the year)	Wages, total (\$1,000)				Number (average for the year)	Wages, total (\$1,000)	
TOTAL					BLAST FUR- NACES				
1889-----	719	171,181	89,273	151,415	1939 <sup>3</sup> -----	81	19,537	28,312	87,083
1899-----	668	222,490	120,820	281,569	1947-----	86	32,697	93,598	328,060
1909-----	654	278,505	187,807	399,013	1949-----	(2)	31,911	98,268	371,110
1919-----	695	416,748	711,407	1,321,507	1950-----	(2)	35,357	115,034	554,269
1923-----	658	424,913	696,761	1,289,910	1951-----	(2)	38,062	142,279	625,927
1925-----	595	399,914	660,297	1,281,976	1952-----	(2)	38,201	137,714	591,883
1927-----	602	389,270	645,534	1,219,534	1953-----	(2)	38,809	169,138	777,354
1929-----	591	419,534	730,974	1,622,837	STEEL WORKS AND ROLLING MILLS				
1931-----	526	278,206	357,645	623,199					
1933-----	466	288,945	270,367	481,529					
1935-----	468	374,808	458,584	893,681					
1937-----	352	461,118	755,427	1,503,959					
1939-----	334	388,441	598,037	1,234,631	1939-----	253	368,904	569,724	1,147,548
1947-----	301	470,785	1,431,536	2,603,757	1947-----	215	438,088	1,337,938	2,275,697
1949-----	(2)	427,947	1,410,832	2,853,764	1949-----	(2)	396,036	1,312,564	2,482,654
1950-----	(2)	475,873	1,684,453	3,986,082	1950-----	(2)	440,516	1,569,419	3,431,813
1951-----	(2)	510,075	2,065,346	4,817,776	1951-----	(2)	472,013	1,923,067	4,191,849
1952-----	(2)	507,619	1,975,110	4,144,236	1952-----	(2)	469,418	1,837,396	3,552,353
1953-----	(2)	517,330	2,383,110	5,402,877	1953-----	(2)	478,521	2,213,972	4,625,523

<sup>1</sup> Value of products less cost of materials, supplies, fuel, electric energy, and contract work. For 1889-1933, cost of contract work was not deducted. <sup>2</sup> Not available.

<sup>3</sup> Includes data for 2 establishments engaged in production of sintered ore and flue dust and operated independently of blast furnaces.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and *Annual Survey of Manufactures*.

# No. 1041.—IRON AND STEEL, FINISHED ROLLED—PRODUCTION, EXPORTS, AND IMPORTS: 1876 TO 1953

[In short tons (2,000 pounds). Imports are imports for consumption beginning with 1933; general imports in earlier years. See also *Historical Statistics*, series J 170 for data on total production]

YEARLY AVERAGE OR YEAR	Total production, finished rolled products	RAILS			PLATES AND SHEETS			Merchant bar produc- tion <sup>2</sup>
		Production	Exports	Imports	Production	Exports	Imports <sup>1</sup>	
1876-1880.....		1,020,426	4,974	67,033				
1881-1885.....		1,426,531	4,464	131,009				
1886-1890.....	<sup>3</sup> 5,911,600	1,915,511	8,148	55,748	<sup>3</sup> 767,104		8,975	
1891-1895.....	6,129,591	1,416,438	15,288	1,173	846,516	1,691	26,761	
1896-1900.....	9,142,067	2,107,734	260,420	2,687	1,639,544	34,714	5,344	
1901-1905.....	15,311,416	3,242,555	252,836	48,392	3,017,980	44,246	6,907	<sup>4</sup> 4,024,833
1906-1910.....	20,730,629	3,627,104	339,622	4,439	4,540,594	177,622	4,588	3,897,499
1911-1915.....	24,920,084	3,091,824	424,247	26,589	6,028,088	466,372	3,220	4,222,754
1916-1920.....	34,507,928	2,945,047	616,920	23,959	9,235,794	1,016,396	1,765	7,050,073
1921-1925.....	30,458,732	2,794,109	274,737	35,530	8,875,380	488,464	4,265	5,375,343
1926-1930.....	39,562,938	2,971,808	178,599	22,228	11,797,300	536,823	27,580	7,080,924
1931-1935.....	20,002,332	828,436	46,310	5,780	6,891,694	181,332	14,569	3,356,504
1936-1940.....	38,066,554	1,334,946	139,217	6,511	13,664,259	791,090	8,963	6,217,207
1941-1945.....	62,735,684	2,211,836	276,472	14,372	21,370,112	1,307,781	1,853	11,284,428
1946-1950.....	64,407,247	2,073,009	314,026	6,724	23,735,837	1,029,037	60,496	10,210,438
1939.....	39,067,553	1,312,647	66,183	8,718	13,931,919	729,366	1,606	6,138,350
1940.....	48,660,369	1,678,986	289,020	1,780	16,551,288	1,420,311	153	7,885,261
1941.....	62,324,187	1,927,851	169,542	7,672	20,293,071	1,054,180	125	10,978,698
1942.....	62,445,914	2,096,159	256,159	14,435	21,237,072	1,364,824	254	11,939,982
1943.....	63,292,673	2,126,996	311,861	7,384	22,543,040	1,531,567	468	11,858,047
1944.....	65,803,979	2,490,656	316,915	9,893	23,463,059	1,246,556	5,665	11,161,194
1945.....	59,811,669	2,417,520	327,883	32,474	19,314,316	1,341,777	2,751	10,484,218
1946.....	50,936,772	1,965,642	385,584	7,997	16,324,199	1,159,040	2,255	8,880,428
1947.....	66,202,144	2,441,179	500,582	10,267	23,325,500	1,272,770	1,843	10,781,625
1948.....	69,191,952	2,207,622	308,375	6,784	25,694,480	868,286	32,280	11,150,874
1949.....	60,882,387	1,901,020	238,196	1,106	23,470,886	1,106,914	43,360	9,054,099
1950.....	75,190,581	1,849,580	137,391	7,465	30,231,722	738,176	222,740	11,185,166
1951.....	81,911,320	1,854,247	105,599	11,144	31,869,683	780,775	693,567	12,761,309
1952.....	71,348,528	1,472,139	168,101	4,328	27,251,852	849,003	184,620	11,747,093
1953.....	85,943,724	1,981,931	190,867	3,045	35,699,732	767,566	459,902	13,022,525

YEARLY AVERAGE OR YEAR	Skeip production	WIRE RODS			STRUCTURAL SHAPES			All other finished rolled produc- tion <sup>2</sup>
		Production	Exports	Imports	Production	Exports	Imports	
1891-1895.....		709,238		38,980	<sup>5</sup> 481,457			2,772,234
1896-1900.....		1,018,997	<sup>6</sup> 18,124	20,257	772,149	<sup>6</sup> 54,742		3,603,643
1901-1905.....	<sup>4</sup> 1,608,314	1,781,114	18,306	20,597	1,348,246	62,329	<sup>7</sup> 14,432	1,415,004
1906-1910.....	1,868,915	2,303,540	15,011	17,248	2,169,385	135,616	12,440	2,323,590
1911-1915.....	2,511,842	2,933,601	84,252	13,198	<sup>8</sup> 2,739,958	297,798	7,114	3,392,518
1916-1920.....	3,123,005	3,336,179	162,072	4,188	3,340,000	376,744	3,143	5,477,829
1921-1925.....	3,345,985	2,836,325	31,408	4,803	3,199,711	224,177	31,317	4,031,879
1926-1930.....	3,752,372	3,148,573	35,039	16,096	4,489,127	311,101	160,219	6,322,836
1931-1935.....	1,248,507	2,065,158	25,456	12,505	1,631,689	66,574	45,874	3,980,346
1936-1940.....	2,282,301	3,424,361	97,413	12,251	3,317,886	237,283	49,232	7,825,593
1941-1945.....	3,100,884	4,754,339	148,351	482	5,052,009	287,706	6,278	14,962,077
1946-1950.....	3,481,308	5,106,991	46,263	27,354	5,113,049	492,714	72,189	14,686,614
1939.....	2,330,128	3,680,297	35,224	11,975	3,358,985	182,731	44,277	8,315,227
1940.....	2,709,000	4,351,848	320,621	4,465	4,232,346	554,644	859	11,251,640
1941.....	3,637,574	5,268,423	187,326	119	5,724,236	365,238	356	14,494,334
1942.....	2,900,741	4,632,017	145,251	57	5,816,321	229,757	166	13,823,622
1943.....	3,022,398	4,693,798	176,039	31	4,575,844	239,935	169	14,472,550
1944.....	3,049,682	4,646,298	123,804	2	4,676,481	235,592	28,017	16,316,609
1945.....	2,894,023	4,531,157	109,334	2,199	4,467,164	367,956	2,682	15,703,271
1946.....	2,534,848	4,520,280	62,355	6,052	4,387,664	449,219	874	12,323,711
1947.....	3,450,460	5,376,003	71,237	6,016	5,607,671	752,790	1,731	15,219,706
1948.....	3,617,703	5,430,603	38,143	6,613	5,455,523	499,166	65,830	15,635,147
1949.....	3,639,074	4,388,394	53,315	5,734	4,672,284	483,211	114,505	13,756,630
1950.....	4,164,454	5,819,677	6,264	112,353	5,442,104	279,182	178,007	16,497,878
1951.....	4,383,723	6,231,140	4,148	122,018	6,348,025	327,037	459,969	18,463,193
1952.....	3,855,076	5,212,600	29,681	44,404	5,354,382	286,956	319,454	16,455,386
1953.....	4,696,092	5,192,719	9,489	65,419	6,537,556	310,356	458,238	18,813,169

<sup>1</sup> Includes skeip beginning 1922.

<sup>2</sup> Merchant bars include concrete reinforcement bars and, beginning 1934, certain miscellaneous bars previously included in "All other finished rolled production."

<sup>3</sup> Average for years 1887-90.

<sup>4</sup> Average for years 1902-05.

<sup>5</sup> Average for years 1892-95.

<sup>6</sup> Average for period July 1, 1897, to Dec. 31, 1900.

<sup>7</sup> Average for period July 1, 1903, to Dec. 31, 1905.

<sup>8</sup> Small structural forms not included in 1911.

Source: Production, American Iron and Steel Institute, annual report. Exports and imports, Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.



## No. 1042.—STEEL PRODUCTS—SHIPMENTS, BY CLASS: 1941 TO 1953

[In thousands of short tons (2,000 pounds). Comprises carbon, alloy, and stainless steel. Percents based on domestic shipments only]

CLASS	1941		1945		1950		1952		1953	
	Quantity	Per-cent	Quantity	Per-cent	Quantity	Per-cent	Quantity	Per-cent	Quantity	Per-cent
<b>Total shipments</b> .....	60,943	-----	57,242	-----	72,232	-----	68,004	-----	80,152	-----
<b>Domestic shipments</b> .....	55,103	100.0	53,449	100.0	69,665	100.0	64,733	100.0	77,472	100.0
Steel for converting and processing <sup>1</sup> .....	2,375	4.3	2,706	5.1	3,900	5.6	3,037	4.7	3,514	4.5
Forgings (except automotive).....	852	1.5	1,418	2.6	1,082	1.5	1,434	2.2	1,445	1.9
Bolts, nuts, rivets and screws.....	1,155	2.1	1,083	2.0	1,410	2.0	1,298	2.0	1,342	1.7
Warehouses and distributors (except oil and gas).....	8,122	14.7	8,904	16.7	11,676	16.8	11,913	18.4	13,122	16.9
Construction (exc. oil and gas).....	8,010	14.6	4,664	8.7	5,563	8.0	5,472	8.4	6,979	9.0
Contractors' products.....					3,075	4.4	2,612	4.0	3,324	4.3
<b>Automotive</b> .....	8,827	16.0	4,071	7.6	14,472	20.8	10,850	16.7	14,664	18.9
Passenger cars, trucks, tractors, parts, etc.....	8,542	15.5	3,774	7.0	13,923	20.0	10,427	16.1	14,200	18.3
Forgings.....	285	0.5	297	0.6	549	0.8	423	0.6	464	0.6
Rail transportation.....	5,563	10.1	5,121	9.6	4,299	6.2	3,986	6.2	4,788	6.2
Railroad rails, trackwork, and equipment.....	(2)	(2)	(2)	(2)	2,222	3.2	1,711	2.7	2,278	2.9
Freight cars, passenger cars, and locomotives.....	(2)	(2)	(2)	(2)	2,029	2.9	2,240	3.5	2,471	3.2
Street railways and rapid transit systems.....	(2)	(2)	(2)	(2)	48	0.1	35	(3)	39	0.1
<b>Shipbuilding and marine equipment</b> .....	2,705	4.9	2,719	5.1	327	0.5	1,029	1.6	872	1.1
Aircraft.....	160	0.3	301	0.6	52	0.1	136	0.2	161	0.2
Oil and gas.....	2,742	5.0	2,063	3.8	5,343	7.7	4,513	7.0	5,452	7.1
Warehouses and distributors.....	1,017	1.9	667	1.2	1,684	2.4	1,416	2.2	1,757	2.3
Construction.....	1,725	3.1	1,396	2.6	3,039	4.4	2,329	3.6	2,939	3.8
Drilling.....					620	0.9	768	1.2	756	1.0
<b>Mining, quarrying and lumbering</b> .....	237	0.4	210	0.4	289	0.4	310	0.5	324	0.4
Agricultural.....	1,136	2.1	1,120	2.1	1,538	2.2	1,347	2.1	1,233	1.6
Agricultural machinery.....	(2)	(2)	(2)	(2)	1,298	1.9	1,146	1.8	1,005	1.3
Other.....	(2)	(2)	(2)	(2)	240	0.3	201	0.3	228	0.3
<b>Machinery, industrial equipment and tools</b> .....	1,517	2.8	1,607	3.0	3,474	5.0	3,796	5.9	4,328	5.6
Electrical machinery and equipment.....	1,289	2.3	819	1.5	1,837	2.6	1,609	2.5	2,112	2.7
Appliances, utensils and cutlery.....	1,739	3.2	675	1.3	2,088	3.0	1,359	2.1	2,046	2.7
Other domestic and commercial equipment.....	1,940	3.5	1,433	2.7	1,804	2.6	1,562	2.4	2,086	2.7
<b>Containers</b> .....	4,255	7.7	4,333	8.1	5,911	8.4	5,551	8.6	6,051	7.8
Cans and closures.....	(2)	(2)	(2)	(2)	4,339	6.2	4,085	6.3	4,357	5.6
Barrels, drums, and shipping pails.....	(2)	(2)	(2)	(2)	925	1.3	878	1.4	1,010	1.3
Other.....	(2)	(2)	(2)	(2)	647	0.9	588	0.9	684	0.9
<b>Ordnance and other direct military</b> .....	1,413	2.6	5,509	10.3	195	0.3	2,096	3.2	2,691	3.5
Shipments of nonreporting companies.....	1,066	1.9	4,693	8.8	1,330	1.9	823	1.3	938	1.2
<b>Export</b> .....	5,840	-----	3,793	-----	2,567	-----	3,271	-----	2,680	-----

<sup>1</sup> Net total after deducting shipments to reporting companies for conversion or resale.<sup>2</sup> Not available.<sup>3</sup> Less than 0.05 percent.

Source: American Iron and Steel Institute; annual report.

## No. 1043.—IRON AND STEEL—AGGREGATE EXPORTS: 1890 TO 1954

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars. Includes ferromanganese. Beginning 1925, excludes steam and hot water heating boilers and radiators. Value figures through 1920 exclude, and those beginning 1925 include, data for small items for which quantity figures are not available. See table 1044 for revised list of articles included, effective 1952]

YEAR	Quantity	Value	YEAR	Quantity	Value	YEAR	Quantity	Value
1890.....	58		1935.....	3,431	88,414	1948.....	4,885	659,779
1895.....	100		1940.....	11,876	524,426	1949.....	5,146	714,780
1900.....	1,292	42,518	1941.....	8,029	506,901	1950.....	3,248	465,141
1905.....	1,131	33,813	1942.....	7,387	598,939	1951.....	3,783	612,236
1910.....	1,723	63,436	1943.....	7,245	621,847	1952.....	<sup>1</sup> 4,854	771,442
1915.....	3,957	140,993	1944.....	6,148	560,178	1953.....	<sup>1</sup> 3,711	640,159
1920.....	5,527	458,376	1945.....	5,203	461,147	1954.....	<sup>1</sup> 4,649	648,047
1925.....	1,974	144,262	1946.....	5,149	449,843			
1930.....	2,220	139,039	1947.....	6,994	830,655			

<sup>1</sup> See footnote 1, table 1044.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

## No. 1044.—IRON AND STEEL—EXPORTS, BY KIND: 1952 TO 1954

[Includes shipments under foreign aid programs such as UNRRA, Interim Aid, ECA, and MDAP (FOA), and Civilian Supply shipments]

ARTICLE	QUANTITY (short tons)			VALUE (\$1,000)		
	1952	1953	1954	1952	1953	1954
<b>Total</b> .....	<sup>1</sup> 4,854,460	<sup>1</sup> 3,710,941	<sup>1</sup> 4,649,124	771,442	640,159	648,047
Pig iron.....	14,085	18,837	10,247	719	1,074	762
Iron and steel scrap.....	341,571	303,723	1,507,310	11,198	10,065	45,405
Iron bars, skelp and pipe.....	52,306	35,115	30,670	7,209	4,978	4,550
Steel mill products, semifinished.....	886,285	195,736	94,833	81,032	17,814	8,748
Steel ingots, blooms, billets, slabs, sheet bars, and tin-plate bars.....	712,071	67,874	29,427	63,908	6,013	2,614
Steel skelp.....	124,419	96,627	56,767	11,398	8,441	5,207
Wire rods and other semifinished steel mill products.....	49,795	31,235	8,639	5,726	3,360	927
Steel mill products, rolled and finished.....	<sup>1</sup> 3,100,657	<sup>1</sup> 2,749,471	<sup>1</sup> 2,666,395	497,045	438,105	434,320
Steel bars, including bar size shapes.....	258,147	176,181	89,616	36,474	24,342	13,487
Steel plates, hot- or cold-rolled, not fabricated, and armor plates, rolled.....	232,075	201,674	154,149	27,026	24,861	19,549
Steel sheets, black, ungalvanized.....	469,133	379,788	430,852	66,761	55,376	64,149
Steel sheets, galvanized.....	50,439	94,211	127,900	8,957	16,441	21,872
Steel sheets, coated, exc. galvanized and steel sheets for enameling.....	21,316	27,173	37,657	2,982	4,231	6,169
Electrical steel sheets and strip.....	62,143	53,448	62,173	16,314	15,167	20,602
Steel strip, coated or uncoated, exc. elec.....	129,628	94,062	56,396	24,403	18,912	15,414
Tin mill black plate.....	48,411	57,485	85,545	6,215	5,099	7,044
Tin mill prod. (tin plate and terneplate).....	610,298	527,616	725,433	117,628	95,874	123,896
Structural shapes, not fabr., and piling.....	199,818	245,188	288,628	19,949	25,726	30,748
Rails, trackwork and track accessories.....	236,006	251,653	120,955	26,047	28,137	14,651
Pipe, tubes and tubing.....	691,271	596,155	449,844	126,384	113,951	87,729
Steel wire, not elsewhere classified.....	91,972	44,837	37,247	17,783	9,906	8,875
Other steel mill prod., rolled and finished.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	174	<sup>3</sup> 82	<sup>4</sup> 135
Castings and forgings.....	109,016	87,786	55,243	22,088	19,980	14,117
Railway car and locomotive wheels, tires, and axles, rolled and forged.....	9,253	13,006	10,884	2,066	2,821	2,541
Wire springs, steel.....	4,006	4,891	4,242	1,841	2,545	2,088
Bolts, screws, nuts, rivets, and washers.....	25,672	17,326	13,752	17,384	13,500	11,255
Nails, staples, and spikes.....	8,399	5,119	4,223	2,577	2,162	2,185
Builders', furniture, car, marine, and other hardware and parts.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	10,231	12,588	14,300
Pipe fittings.....	28,238	23,817	23,874	21,253	18,019	17,174
Fabricated steel products.....	158,555	169,141	145,214	42,061	46,374	40,604
Sash, sections, and frames, door and window, and other construction materials.....	10,580	8,024	8,406	4,713	4,517	5,150
Chains and parts.....	10,537	14,519	9,505	9,321	10,195	7,694
Welding rods and wires.....	17,120	17,548	13,054	6,038	5,935	5,260
Wire cloth.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>2</sup> )	1,543	1,061	952
Wire-reinforcing fabric and wire rope, cord, cable, and strand.....	22,471	19,198	20,474	8,607	7,310	8,093
Other iron and steel manufactures.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	16,719	17,736	19,460
Ferroalloys.....	55,709	27,684	30,798	7,796	3,333	3,390

<sup>1</sup> Excludes figures for wire cloth and for articles noted below as not reported. <sup>2</sup> Not reported. <sup>3</sup> Sampling error (see text, p. 796) probably not greater than 15 to 20 percent. <sup>4</sup> Sampling error (see text, p. 796) probably not greater than 10 to 20 percent. <sup>5</sup> 12,667,342 sq. ft. in 1952; 7,394,124 sq. ft. in 1953; 5,529,215 sq. ft. in 1954.

Source: Department of Commerce, Bureau of the Census.



## No. 1045.—IRON AND STEEL—WHOLESALE PRICE INDEXES: 1926 TO 1954

[1947-1949=100]

YEAR	Iron and steel, total	YEAR	Iron and steel, total	YEAR	Iron and steel, total	STEEL MILL PRODUCTS		
						Total	Finished	Semi-finished
1926-----	67.1	1933-----	52.7	1939-----	64.2	67.5	68.0	62.9
1927-----	63.2	1934-----	58.1	1940-----	63.8	67.6	68.1	63.2
1928-----	62.7			1941-----	64.6	67.9	68.4	63.2
1929-----	63.6	1935-----	58.1	1942-----	65.2	68.0	68.5	63.2
		1936-----	58.7	1943-----	65.2	68.1	68.6	63.2
1930-----	59.7			1944-----	65.1	68.1	68.6	63.2
1931-----	55.9	1937-----	65.8	1945-----	66.5	69.7	70.2	65.3
1932-----	53.3	1938-----	66.1	1946-----	74.0	75.8	76.4	70.7

YEAR	Iron and steel, total	STEEL MILL PRODUCTS			Pig iron and ferro-alloys	Iron ore	Scrap, iron and steel	Foundry and forge shop products
		Total	Finished	Semi-finished				
1947-----	89.7	88.8	89.1	85.2	85.3	88.6	96.9	89.4
1948-----	104.3	101.4	101.3	102.5	101.8	96.5	122.3	103.2
1949-----	106.0	109.9	109.7	112.3	112.9	114.9	80.8	107.4
1950-----	113.1	115.7	115.2	121.8	115.6	123.0	104.6	109.1
1951-----	123.2	124.8	124.5	128.3	126.6	123.3	118.8	110.4
1952-----	124.7	127.5	127.2	131.2	130.9	137.6	114.2	119.9
1953-----	131.3	137.6	136.9	145.6	138.4	153.8	103.1	126.4
1954-----	132.9	143.8	142.8	156.2	137.6	157.7	79.8	129.3

Source: Department of Labor, Bureau of Labor Statistics; annual report, *Wholesale Prices*.

## No. 1046.—FERROUS CASTINGS—SHIPMENTS AND UNFILLED ORDERS: 1946 TO 1954

[In thousands of short tons. 1947-49 data for steel castings and gray iron castings, and 1951-54 data for gray iron castings are estimates based on a sample of foundries. All other data represent complete coverage]

ITEM	1946	1947	1948	1949	1950	1951	1952	1953	1954 (prel.)
<b>GRAY IRON CASTINGS</b>									
Shipments, total <sup>1</sup> -----	10,270	12,753	13,207	11,050	13,725	14,989	12,860	13,708	11,532
Pressure pipe and fittings-----	786	1,034	1,155	1,037	1,215	1,473	1,313	1,286	1,375
Soil pipe and fittings-----	409	584	654	582	795	688	651	677	744
All other gray iron castings-----	9,075	11,135	11,398	9,431	11,715	12,828	10,896	11,745	9,413
Unfilled orders, Dec. 31, total <sup>2</sup> -----	2,980	2,826	2,346	931	2,142	1,847	1,316	940	745
Pressure pipe and fittings-----	775	1,017	961	296	617	537	311	231	183
Soil pipe and fittings-----	355	303	253	65	208	27	31	23	26
All other gray iron castings-----	1,850	1,506	1,132	570	1,317	1,283	974	686	536
<b>MALLEABLE IRON CASTINGS</b>									
Shipments, total-----	752	899	941	723	942	1,085	926	971	829
For sale-----	452	514	527	373	537	656	573	579	462
For own use-----	300	385	414	350	405	429	353	392	367
Unfilled orders, Dec. 31, total <sup>2</sup> -----	268	206	143	64	222	215	173	98	85
<b>STEEL CASTINGS</b>									
Shipments, total <sup>1</sup> -----	1,432	1,632	1,778	1,260	1,481	2,050	1,925	1,834	1,184
Carbon-----	1,112	1,259	1,408	963	1,130	1,541	1,372	1,277	803
Alloy-----	320	373	370	297	351	509	553	557	381
Unfilled orders, Dec. 31, total <sup>2</sup> -----	362	494	360	124	570	846	719	278	179
Carbon-----	292	417	298	86	476	620	436	175	107
Alloy-----	70	77	62	38	94	226	283	103	72

<sup>1</sup> Includes shipments for "own use."<sup>2</sup> Unfilled orders for sale only. Excludes unfilled orders of captive plants.Source: Department of Commerce, Bureau of the Census; monthly data published currently in *Facts for Industry*, Series M21C.

# No. 1047.—NONFERROUS CASTINGS—SHIPMENTS AND UNFILLED ORDERS: 1948 TO 1954

[In thousands of pounds. Shipments include "for own use." Unfilled orders are for the end of the year and comprise "for sale" only. Data for 1950 based on complete coverage; for other years based on sample and subject to sampling variation]

TYPE OF CASTING	1948	1949	1950	1951	1952	1953	1954
<b>Shipments, all types, total.....</b>	<b>2,017,436</b>	<b>1,520,957</b>	<b>2,215,588</b>	<b>2,248,331</b>	<b>1,993,040</b>	<b>2,233,737</b>	<b>2,025,577</b>
<b>Unfilled orders, all types, total....</b>	<b>200,411</b>	<b>109,684</b>	<b>303,305</b>	<b>325,943</b>	<b>326,207</b>	<b>229,356</b>	<b>208,023</b>
<b>Copper and copper-base alloy:</b>							
Shipments.....	1,050,455	743,821	1,056,973	1,197,443	1,009,910	993,750	835,930
Unfilled orders.....	53,612	22,833	73,940	92,919	76,871	47,922	31,954
<b>Aluminum and aluminum-base alloy:</b>							
Shipments.....	471,617	351,778	543,082	515,131	518,979	661,035	624,973
Unfilled orders.....	61,999	39,400	113,300	125,566	146,499	107,754	99,556
<b>Zinc and zinc-base alloy:</b>							
Shipments.....	463,118	400,562	579,332	478,996	408,353	523,892	520,501
Unfilled orders.....	79,756	44,149	106,885	89,338	85,767	64,047	69,403
<b>Magnesium and magnesium-base alloy:</b>							
Shipments.....	9,359	11,053	15,224	30,825	34,857	34,601	25,777
Unfilled orders.....	3,751	2,501	7,654	16,056	16,020	9,324	6,678
<b>Lead and lead-base alloy die: <sup>1</sup></b>							
Shipments.....	22,887	13,743	20,977	25,936	20,941	20,459	18,396
Unfilled orders.....	1,293	801	1,526	2,064	1,050	( <sup>2</sup> )	432

<sup>1</sup> Excludes producers of lead die castings for battery plates and parts who reported shipments of 146 million pounds in 1950.

<sup>2</sup> Withheld because estimates did not meet publication standards. See text, p. 796.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M24F, and M24E.

# No. 1048.—ALUMINUM AND MAGNESIUM—SHIPMENTS OF MILL PRODUCTS: 1947 TO 1954

[In thousands of pounds. Producers' net shipments consist of total shipments less shipments to other metal mills for further fabrication into other forms of mill products]

ITEM	1947	1948	1949	1950	1951	1952	1953	1954
<b>Aluminum mill products, total.....</b>	<b>1,408,152</b>	<b>1,640,186</b>	<b>1,158,146</b>	<b>1,713,449</b>	<b>1,756,244</b>	<b>1,924,750</b>	<b>2,286,865</b>	<b>2,086,562</b>
Plate, sheet, and strip.....	1,111,159	1,268,297	790,025	1,163,135	1,073,367	1,085,699	1,368,165	1,165,076
Rolled structural shapes, rod, bar and wire.....	157,379	182,991	203,650	269,780	345,163	443,546	422,046	361,281
Extruded shapes, tube blooms and tubing.....	123,048	171,944	149,995	258,075	312,944	347,542	451,922	513,300
Powder, flake and paste.....	16,566	16,954	14,476	22,459	24,770	47,963	44,732	46,905
<b>Magnesium mill products, total.....</b>	<b>4,807</b>	<b>5,865</b>	<b>8,264</b>	<b>12,810</b>	<b>19,090</b>	<b>18,249</b>	<b>16,885</b>	<b>13,743</b>

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M24-1.



## No. 1049.—SELECTED METAL PRODUCTS—FACTORY SHIPMENTS: 1952 AND 1953

PRODUCT AND UNIT OF MEASURE	1952		1953	
	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
Containers and closures:				
Steel shipping barrels and drums.....number.....	34, 246, 252	-----	33, 895, 261	-----
Steel packages, kegs, and pails.....do.....	64, 068, 727	-----	70, 026, 848	-----
Metal cans.....short tons of steel consumed.....	3, 842, 170	-----	4, 382, 254	-----
Food.....do.....	2, 554, 874	-----	2, 614, 764	-----
Non-food.....do.....	1, 287, 296	-----	1, 467, 490	-----
Crowns.....gross.....	352, 416, 643	-----	315, 956, 453	-----
Closures (except crowns):				
Commercial.....1, 000.....	13, 087, 807	-----	14, 463, 623	-----
Home canning.....gross.....	15, 228, 324	-----	14, 100, 019	-----
Heating and cooking equipment:				
Domestic cooking stoves and ranges.....number.....	3, 346, 601	326, 941	3, 528, 957	360, 714
Electric.....do.....	922, 385	125, 138	1, 142, 974	154, 895
Gas, including bungalow.....do.....	2, 148, 879	183, 047	2, 150, 685	190, 558
Liquid fuel.....do.....	119, 928	4, 448	117, 606	4, 281
Coal and wood.....do.....	105, 486	5, 719	83, 062	4, 730
Combination.....do.....	49, 923	8, 589	34, 630	6, 250
Domestic heating stoves.....do.....	3, 804, 202	89, 157	3, 278, 473	84, 649
Gas.....do.....	1, 786, 360	33, 796	1, 674, 161	35, 235
Liquid fuel.....do.....	1, 113, 600	42, 424	927, 919	39, 539
Coal and wood.....do.....	904, 242	12, 937	676, 393	9, 875
Water heaters.....do.....	2, 766, 258	145, 581	3, 084, 108	170, 891
Electric.....do.....	557, 773	37, 613	601, 085	40, 101
Non-electric.....do.....	2, 208, 485	107, 968	2, 483, 023	130, 790
Direct-fired.....do.....	2, 044, 662	98, 850	2, 311, 061	119, 953
Indirect.....do.....	163, 823	9, 118	171, 962	10, 837
Range boilers.....do.....	267, 336	5, 014	273, 170	4, 980
Cast iron boilers.....1, 000 pounds.....	211, 984	49, 165	207, 514	50, 968
Cast iron radiators and convectors				
1,000 sq. ft. heating surface.....	36, 898	24, 341	31, 667	21, 650
Oil burners.....number.....	781, 036	-----	851, 797	-----
Residential.....do.....	744, 619	-----	810, 776	-----
Non-residential.....do.....	36, 417	-----	41, 021	-----
Mechanical stokers.....do.....	23, 047	-----	16, 658	-----
Warm air furnaces.....do.....	927, 699	137, 987	996, 603	197, 275
Forced air.....do.....	765, 584	165, 999	862, 997	179, 174
Gravity air.....do.....	162, 115	21, 988	133, 606	18, 101
Construction machinery:				
Power cranes and shovels.....do.....	7, 747	199, 821	9, 690	244, 693
Dozers.....do.....	23, 225	39, 228	21, 083	39, 498
Tracklaying tractors.....do.....	48, 155	280, 841	50, 597	328, 696
Plumbing fixtures:				
Bathtubs, cast iron and steel.....do.....	1, 809, 681	-----	1, 891, 080	-----
Lavatories.....do.....	2, 799, 582	-----	2, 889, 516	-----
Vitreous china.....do.....	1, 217, 333	-----	1, 338, 358	-----
Cast iron and steel.....do.....	1, 582, 249	-----	1, 551, 158	-----
Kitchen sinks.....do.....	2, 020, 473	-----	2, 123, 571	-----
Vitreous china.....do.....	<sup>1</sup> 4, 310	-----	<sup>1</sup> 4, 616	-----
Cast iron.....do.....	1, 000, 835	-----	1, 022, 101	-----
Steel.....do.....	1, 015, 328	-----	1, 096, 854	-----
Transportation equipment:				
Truck trailers.....do.....	<sup>2</sup> 57, 103	228, 378	96, 699	294, 849
Complete trailers.....do.....	53, 718	219, 855	93, 393	286, 286
Trailer chassis only.....do.....	3, 385	8, 523	3, 306	8, 563
Complete aircraft (civilian).....do.....	3, 509	197, 151	4, 134	244, 418
Aircraft engines (civilian).....do.....	5, 382	40, 722	6, 647	70, 854
Domestic water systems.....do.....	682, 017	67, 741	702, 051	69, 259

<sup>1</sup> Includes a small quantity of other metals and glazed earthenware.<sup>2</sup> Excludes converter dollies.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry* series. Data for power cranes and shovels from Power Crane and Shovel Association. Data on electric stoves and electric water heaters from National Electric Manufacturers' Association.

## No. 1050.—MACHINE TOOLS—SHIPMENTS, BY MAJOR TYPES: 1950 to 1953

[Includes light type machine tools, particularly in drilling machines, lathes, grinding and polishing machines, and milling machines. Excludes machine tools specifically designed for home workshops, model makers, garages, and service shops]

MAJOR TYPE	1950		1952		1953	
	Number	Value (\$1,000)	Number	Value (\$1,000)	Number	Value (\$1,000)
<b>Total</b> .....		315,743		1,076,880		1,169,359
Boring machines.....	1,363	29,402	4,374	152,341	4,650	163,648
Broaching machines.....	374	4,883	1,105	22,678	799	21,874
Drilling machines.....	9,917	33,129		108,948		114,258
Gear cutting and finishing machines.....	1,402	19,819	2,725	47,462	2,546	44,891
Grinding and polishing machines (except gear tooth grinding, honing, lapping, and buffing).....	79,274	60,859	89,146	210,124	93,804	219,287
Lathes.....	30,251	89,716	44,525	281,587	43,077	312,165
Milling machines.....	6,975	36,452	16,252	159,331	17,525	196,124
Planers.....	84	3,035	158	8,641	164	10,445
Shapers (except gear shapers).....	794	3,397	1,493	9,755	1,495	10,932
All other machine tools.....		35,051		76,013		75,735

Source: Department of Commerce, Bureau of the Census; published in *Facts for Industry*, Series M34A.

## No. 1051.—MACHINERY (EXCEPT ELECTRICAL)—VALUE OF SHIPMENTS OF SELECTED PRODUCTS: 1947 TO 1953

[In thousands of dollars. Figures for 1950 to 1953 are based on sample and subject to sampling variation]

CLASS OF PRODUCTS	1947	1950	1952	1953	Standard error, 1952 <sup>1</sup> (percent)
Ball and roller bearings and components.....	352,501	450,495	606,079	644,868	6
Commercial laundry, dry-cleaning, and pressing machines <sup>2</sup> .....	93,078	77,441	89,937	91,286	10
Computing machines and cash registers <sup>2</sup> .....	301,809	349,670	456,374	510,226	1
Construction and mining machinery.....	932,430	973,503	1,591,963	1,419,967	7
Conveyors.....	234,074	240,696	407,011	448,072	8
Cutting tools, jigs, fixtures, etc.....	675,251	835,823	1,715,129	1,760,502	7
Domestic laundry equipment.....	433,955	532,084	511,071	544,321	2
Elevators and moving stairways <sup>2</sup> .....	96,421	102,195	116,545	109,435	15
Fabricated pipe and fittings made from purchased pipe.....	109,991	( <sup>3</sup> )	183,120	195,572	15
Farm machinery (except tractors).....	844,251	1,051,877	1,187,918	1,157,350	7
Food-products machinery.....	334,733	323,609	353,582	365,702	4
Heat exchangers and steam condensers.....	52,627	76,621	133,477	156,168	7
Household mechanical refrigerators, including electric and gas.....	514,682	925,131	637,433	705,460	3
Industrial fans and blowers, including parts.....	129,913	129,785	197,573	213,971	5
Industrial furnaces and ovens.....	84,563	71,906	149,040	138,933	4
Industrial trucks, tractors, trailers, and stackers <sup>2</sup> .....	156,754	166,259	322,166	320,555	3
Internal combustion engines, except automotive and aircraft <sup>4</sup> .....	617,257	( <sup>3</sup> )	( <sup>3</sup> )	<sup>6</sup> 867,181	1
Machine tools.....	415,880	363,477	1,134,702	1,241,238	2
Mechanical power-transmission equipment.....	426,282	463,833	808,074	820,751	5
Mechanical stokers <sup>2</sup> .....	36,033	19,153	21,875	21,043	6
Office and store machines.....	178,890	208,399	217,074	242,719	1
Oil and gas field machinery and tools, including drilling equipment.....	262,939	333,048	492,208	464,725	5
Paper-industries machinery <sup>2</sup> .....	134,713	114,994	162,922	179,051	5
Printing-trades machinery and equipment <sup>2</sup> .....	191,282	200,682	177,121	188,633	5
Pumps and compressors.....	519,765	504,195	777,864	842,111	4
Scales and balances <sup>2</sup> .....	51,489	53,274	64,137	61,058	3
Sewing machines <sup>7</sup> .....	97,182	170,636	136,458	128,952	2
Steam engines and turbines.....	119,027	223,178	353,155	368,968	4
Textile machinery <sup>2</sup> .....	379,988	428,780	367,951	339,017	6
Tractors <sup>8</sup> .....	744,273	1,098,049	1,293,481	1,271,834	( <sup>9</sup> )
Typewriters <sup>2</sup> .....	140,163	130,410	151,798	151,798	3
Vacuum cleaners.....	150,647	167,260	148,472	156,922	3
Valves and fittings (except plumbers).....	548,715	711,778	958,176	977,835	3
Woodworking machinery.....	151,379	137,347	153,242	158,164	4

<sup>1</sup> See text, p. 796, for explanation of standard errors. Standard errors for 1953 estimates are not available, but will generally be somewhat larger than the corresponding 1952 standard errors.

<sup>2</sup> Includes parts and attachments.

<sup>3</sup> Withheld because the estimate did not meet publication standards. See text, p. 796.

<sup>4</sup> Represent shipments to other companies only. <sup>5</sup> Not available.

<sup>6</sup> Includes interplant transfers not segregated by type of engine.

<sup>7</sup> Includes parts and attachments (except cases and cabinets, and sewing machine needles).

<sup>8</sup> Includes parts and attachments for replacement but excludes parts and attachments sold to other tractor plants.

<sup>9</sup> Represents complete coverage.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures*.



# No. 1052.—ELECTRICAL MACHINERY—VALUE OF SHIPMENTS OF SELECTED PRODUCTS: 1947 TO 1953

[In thousands of dollars. Figures for 1950 to 1953 are based on sample and subject to sampling variation]

CLASS OF PRODUCTS	1947	1950	1952	1953	Standard error, 1952 <sup>1</sup> (percent)
Carbon and graphite products.....	68,604	99,750	150,498	152,604	(2) 3
Electric lamps (bulbs).....	191,706	243,157	238,105	289,348	
Electrical appliances:					
Electric fans (except industrial type).....	48,656	60,402	60,316	94,635	6
Household water heaters.....	60,478	63,522	(3)	(3)	
Small household electric appliances and soldering irons (except fans).....	249,169	306,004	304,843	356,056	6
Household ranges.....	132,235	218,478	146,507	170,387	2
Electrical equipment for internal combustion engines.....	337,015	486,964	607,751	649,078	1
Electrical hearing aids.....	16,868	23,073	21,103	22,326	10
Electrical measuring instruments.....	156,340	149,800	273,087	303,302	6
Electrical welding apparatus.....	107,616	109,825	209,094	194,006	6
Electron tubes:					
Transmitting and industrial type tubes, except X-ray tubes.....	25,321	(3)	182,296	194,692	15
Radio receiving-type tubes, except cathode ray.....	86,795	197,732	272,718	348,533	9
Cathode ray tubes (TV receiver type).....	7,137	(3)	149,120	194,452	8
Electro-therapeutic apparatus.....	7,601	7,967	9,505	(3)	15
Insulated wire and cable.....	895,128	879,915	1,265,905	1,346,029	1
Motors and generators.....	855,577	888,136	1,307,866	1,428,392	2
Phonograph records.....	102,015	85,233	87,670	91,527	10
Primary batteries (dry and wet) including parts and supplies.....	78,094	95,491	130,249	147,832	4
Radios and related products:					
Household radio receivers, television sets, radio-phonographs, phonographs, and record players.....	810,066	1,687,073	1,339,535	1,592,416	(2)
Commercial radio communications, radio navigation aids, and broadcast equipment.....	225,262	268,611	1,162,515	1,362,467	4
Electronic type components for communications.....	348,916	697,356	1,126,482	1,405,849	15
Recorders, amplifiers, audio equipment, and recording magnetic wire.....	31,884	46,597	(3)	(3)	4
Storage batteries.....	293,358	318,546	373,302	364,300	
Switchgear and switchboard apparatus.....	360,988	331,736	569,295	621,100	3
Telephone and telegraph equipment, including components, attachments, and accessories.....	631,919	449,546	763,870	819,632	1
Transformers.....	326,777	405,480	582,012	637,626	3
Wiring devices and supplies.....	375,653	491,959	556,955	558,297	4
X-ray equipment and X-ray tubes <sup>2</sup> .....	49,559	40,277	56,682	(3)	4

<sup>1</sup> See text, p. 796, for explanation of standard error. Standard errors for 1953 estimates are not available, but will generally be somewhat larger than the corresponding 1952 standard errors.

<sup>2</sup> Represents complete coverage.

<sup>3</sup> Withheld because the estimate did not meet publication standards. See text, p. 796.

<sup>4</sup> Excludes radio chassis and television chassis for sale separately. In 1947 these items amounted to \$5.7 million.

<sup>5</sup> Includes X-ray accessories and dental and industrial X-ray components and assemblies.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures*.

## No. 1053.—EXPORTS OF ELECTRIC HOME APPLIANCES—NUMBER: 1940 TO 1954

[Export figures include shipments under foreign aid programs such as UNNRA, Interim Aid, ECA, and MDAP (FOA); Civilian Supply shipments are included in 1948 and subsequent years]

PRODUCT	1940	1945	1947	1948	1949	1950	1951	1952	1953	1954
Vacuum cleaners.....	9,964	1,470	74,221	51,511	27,941	19,966	18,089	26,273	55,689	50,121
Clocks.....	86,686	27,306	410,673	192,831	259,840	315,273	241,544	174,818	217,088	169,736
Irons.....	162,587	53,762	563,947	354,964	243,747	241,471	206,765	158,475	155,242	168,660
Radios and televisions.....	558,398	38,547	1,520,818	710,490	452,879	422,958	432,806	463,146	450,832	394,629
Refrigerators <sup>1</sup> .....	102,082	7,134	273,713	271,354	166,139	199,527	377,094	395,402	403,604	321,677
Razors.....	36,758	1,913	125,833	32,413	22,150	25,410	54,619	(2)	(2)	(2)
Washing machines.....	29,657	1,109	118,821	70,594	56,887	52,582	62,440	60,658	80,885	79,512
Ranges.....	7,302	1,158	15,508	13,469	6,496	5,841	13,620	15,383	22,005	24,528

<sup>1</sup> Beginning 1949 includes home freezers. <sup>2</sup> Not separately reported.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the U. S.*, and records.

No. 1054.—SALES OF HOME APPLIANCES, 1940 TO 1954, AVERAGE RETAIL PRICE, 1954,  
AND HOMES OWNING AND WITHOUT APPLIANCES, JANUARY 1955

[In thousands of units, except light bulbs and tubes in millions. Compiled from sales reports and estimates of associations and manufacturers, and from Census Bureau surveys of manufactures. Sales figures represent manufacturers' shipments. Unless otherwise specified, figures are for electric appliances only. Estimates for homes owning appliances and homes without appliances are based on the accumulation of yearly sales totals with certain allowances for replacement, trade-ins, junking, and other factors]

PRODUCT	1940	1946	1950	1951	1952	1953	1954		Jan. 1955	
							Sales	Average retail price	Homes owning <sup>1</sup>	Homes without <sup>1</sup>
Air conditioners, room.....	11	30	201	238	380	1,045	1,230	\$340.00	2,006	42,781
Bed coverings, electric.....		200	800	776	830	948	1,050	35.95	4,978	39,809
Blenders.....			225	290	395	310	296	39.95	2,006	42,781
Broilers.....		800	295	312	435	1,130	1,550	49.00	4,601	40,186
Cleaners, vacuum:										
Floor type.....	1,341	2,290	3,529	2,729	2,842	2,778	2,650	94.75	27,865	16,922
Hand type.....	359	80	230	176	155	173	132	30.10		
Clocks.....	3,600	6,500	8,100	7,500	6,700	7,625	6,900	6.95	38,485	6,302
Coffee makers.....	1,873	5,000	2,975	2,825	3,000	3,685	3,218	20.95	12,200	32,587
Dehumidifiers.....			45	55	87	91	95	135.00	386	44,402
Dishwasher, motor-driven.....			230	260	175	180	210	300.00	1,573	43,215
Driers, clothes, total.....			319	492	635	737	890	233.14	2,967	41,820
Electric.....			251	354	474	569	656	223.00		
Gas.....			68	138	161	168	235	261.50		
Fans:										
Attic.....			95	90	95	135	125	131.00		
Desk and bracket.....	1,682	1,239	2,450	2,225	1,625	3,035	3,825	24.65		
Hassock or floor.....			180	185	265	335	360	47.50		
Ventilating, wall and ceiling.....	107	203	495	445	585	754	825	37.50		
Window ventilating.....				320	505	845	1,425	55.89		
Floor polishers.....			240	275	287	295	325	60.00		
Food waste disposers.....			320	352	260	325	360	130.00	2,021	42,766
Freezers, home.....		210	890	1,050	1,140	1,090	975	395.00	6,750	38,037
Fryers, deep fat.....			500	725	1,525	2,650	1,895	21.90	7,250	37,537
Gas central heating equipment <sup>2</sup> .....	117	663	1,025	615	747	799	961			
Heaters, electric, total.....	528	2,000	1,115	930	1,202	1,400	1,330	25.75	11,117	33,670
Heating pads.....	932	2,900	1,725	1,450	1,500	1,875	1,675	6.50	14,727	30,060
Hotplates.....	415	2,000	1,160	940	905	695	710	8.35	9,730	35,057
Ironers.....	176	175	409	284	211	160	91	207.00	4,144	40,643
Irons.....	5,171	9,600	7,475	7,585	6,235	7,575	6,320	15.04	40,304	4,483
Kitchen cabinets, steel <sup>4</sup> .....		1,348	2,969	2,672	2,970	3,441	3,510	51.75		
Lamp bulbs and tubes										
Incandescent.....	568	726	934	950	921	976	955	.29		
Other types.....	548	578	1,073	1,062	929	1,225	1,193	.29		
Lawn mowers, power.....	42	139	1,080	1,241	1,155	1,275	1,350	89.70		
Mixers, food:										
Standard.....	460	1,500	1,700	1,475	1,375	1,270	1,155	44.25	15,100	29,687
Portable.....			145	125	455	615	795	19.50		
Oil space heaters.....	390	1,006	886	768	740	648	520	96.00		
Radio:										
Home radios.....	11,860	14,031	8,175	6,751	4,043	4,403	3,140	28.75	47,581	929
Portable and clock radios.....			1,675	2,110	3,649	3,783	3,275	31.38		
Ranges:										
Electric.....	450	577	1,830	1,400	1,060	1,250	1,165	261.00	12,086	32,701
Gas, domestic <sup>2</sup> .....	1,742	1,800	3,031	2,356	2,175	2,183	2,023			
Refrigerators.....	2,700	2,100	6,200	4,075	3,570	3,650	3,425	305.00	41,400	3,387
Roasters.....	260	150	400	442	425	395	350	39.95	4,336	40,451
Shavers.....	900	2,115	2,150	2,200	2,750	3,500	3,950	27.50	17,127	27,661
Television.....		7	7,464	5,385	6,096	7,215	7,300	238.00	33,200	11,587
Toasters.....	2,307	3,500	4,525	3,725	2,975	3,170	3,100	16.98	32,800	11,987
Waffle irons and sandwich grills.....	1,545	3,600	2,535	1,875	1,456	1,370	835	18.95	14,789	29,998
Washing machines:										
Automatic and semi-automatic.....										
Wringer and spinner.....	1,892		356	1,646	1,589	1,684	2,071	2,420	230.00	36,418
Water heaters:			1,691	2,626	1,795	1,582	1,521	1,230		
Electric storage.....	125	488	990	845	720	780	775	130.00	6,805	37,982
Gas, automatic domestic <sup>2</sup> .....	551	1,319	2,364	1,938	1,910	2,126	2,281			
Water systems.....	259	626	723	625	682	702	728	169.50		

<sup>1</sup> All figures except radio based on 44,787,000 domestic and farm electric customers. Radio based on 48,509,600 total homes.

<sup>2</sup> Source: Gas Appliance Manufacturers Association.

<sup>3</sup> Portable.

<sup>4</sup> So-called portable metal cabinets not included.

<sup>5</sup> 1941 data.

Source: *Electrical Merchandising*, January 1954; published by McGraw-Hill Publishing Co., Inc., New York, N. Y. (except as noted).



### No. 1055.—SHIPMENTS OF AIR-CONDITIONING EQUIPMENT AND REFRIGERATION EQUIPMENT: 1945 TO 1953

[Value figures in thousands of dollars; represent manufacturer's billing prices for units actually billed and shipped. Data for earlier years are less complete, and thus not strictly comparable]

PRODUCT	1945		1950		1952		1953	
	Number	Value	Number	Value	Number	Value	Number	Value
Condensing units.....	354,401	36,902	885,913	75,833	654,223	61,439	966,136	74,013
Ammonia refrigerants.....	1,785	2,503	245	352	209	300	158	214
Refrigerants except ammonia.....	352,616	34,399	885,668	75,481	654,014	61,139	965,978	73,799
Air-cooled.....	327,031	23,378	835,239	59,035	616,215	47,359	920,947	55,958
Water-cooled.....	25,585	11,021	50,429	16,446	37,799	13,780	45,031	17,841
Compressors and compressor units.....	107,340	9,578	954,368	46,977	1,677,300	71,047	2,380,739	121,054
Centrifugal-refrigeration systems.....	185	2,994	382	12,249	363	14,040	469	14,970
Heat-exchanger equipment.....		22,422		61,337		63,666		82,602
Evaporative condensers.....	2,885	2,829	7,818	8,869	4,873	7,179	5,508	8,647
Unit coolers.....	91,003	10,186	133,300	24,588	75,854	11,111	89,532	13,489
Other heat-exchanger equipment.....		9,407		27,880		45,376		60,466
Self-contained air-conditioning units.....	14,973	11,230	257,263	86,913	438,464	135,579	1,137,293	293,644
Ice-making machines.....	2,805	4,044	14,914	8,907	26,693	12,838	28,228	14,385

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M52A.

### No. 1056.—MOTION-PICTURE PRODUCTION—SUMMARY: 1921 TO 1947

[Money figures in thousands of dollars]

YEAR	Number of establishments	ALL EMPLOYEES		Total expenses other than salaries and wages	Total cost of work done during the year
		Number (average for the year)	Salaries and wages, total		
1921.....	127	10,659	\$37,693	(1)	\$77,397
1923.....	97	9,904	38,425	(1)	86,418
1925.....	132	11,518	49,017	\$44,619	93,636
1927.....	142	16,013	74,936	59,407	134,343
1929.....	142	19,602	85,028	99,074	184,102
1931.....	140	14,839	70,637	(1)	154,436
1933.....	92	19,037	71,344	47,999	119,343
1935.....	129	27,592	104,430	57,435	161,865
1937.....	83	32,398	139,551	58,190	197,741
1939.....	178	35,345	142,543	73,157	215,700
1947.....	277	34,799	293,046	167,097	460,143

<sup>1</sup> Not available.

<sup>2</sup> Represents production-department employees only; not comparable other years.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

### No. 1057.—FARM MACHINES AND EQUIPMENT—SHIPMENTS: 1929 TO 1953

[In thousands of dollars. Includes data for tractors for nonfarm use; for figures excluding these data, see table 1059. Survey suspended 1932-34. Data prior to 1947 represent sales, not significantly different from shipments]

YEAR	Total	Farm machines and equipment	Attachments and parts	YEAR	Total	Farm machines and equipment	Attachments and parts
1929.....	492,992	411,681	81,311	1943.....	602,290	344,854	257,436
1930.....	417,926	340,276	77,650	1944.....	1,026,207	694,880	331,327
1931.....	208,575	157,745	50,830	1945.....	996,557	697,422	299,135
1935.....	277,089	218,462	58,627	1946.....	983,515	699,965	283,550
1936.....	375,128	301,683	73,445	1947.....	1,502,598	1,100,592	402,006
1937.....	485,130	405,597	79,533	1948.....	1,961,987	1,475,998	485,989
1938.....	404,047	316,886	87,161	1949.....	2,062,266	1,588,435	473,831
1939.....	386,549	300,286	86,263	1950.....	2,099,807	1,637,272	462,535
1940.....	462,415	360,963	101,452	1951.....	2,635,996	2,029,779	606,217
1941.....	638,605	506,170	132,435	1952.....	2,397,535	1,812,286	585,249
1942.....	622,528	414,536	207,992	1953.....	2,275,020	1,748,538	526,482

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M35A.

# No. 1058.—TRACTORS, ATTACHMENTS, AND PARTS (DOMESTIC AND EXPORT)—SHIPMENTS, BY KIND: 1945 TO 1953

[Value in thousands of dollars. Data for 1945 represent sales, not significantly different from shipments]

YEAR AND TYPE OF PRODUCT	Total value	COMPLETE UNITS				ATTACHMENTS AND PARTS (value)	
		Domestic		Export		Domestic	Export
		Number	Value	Number	Value		
<b>Total:</b>							
1945.....	559,378	252,086	329,171	63,566	55,325	155,992	18,890
1948.....	970,792	625,413	549,290	113,273	140,067	228,192	53,243
1949.....	1,064,476	599,621	603,874	121,023	189,007	206,059	65,536
1950.....	1,098,049	604,686	649,972	93,658	170,059	218,287	59,731
1951.....	1,417,030	670,651	841,113	106,816	201,606	288,886	85,425
1952.....	1,293,481	591,502	743,543	76,322	181,072	281,051	87,815
1953.....	1,271,834	573,213	729,925	79,548	218,362	248,736	74,811
<b>Wheel type:</b>							
1945.....	250,069	186,281	126,357	57,411	42,539	67,427	13,746
1948.....	658,879	436,984	399,822	92,708	97,476	137,444	24,137
1949.....	723,129	445,030	454,565	100,338	117,865	125,017	25,682
1950.....	705,152	425,815	478,238	74,102	96,057	111,315	19,542
1951.....	930,064	472,821	631,027	87,152	126,974	140,722	31,341
1952.....	774,072	360,366	516,847	56,811	98,829	129,436	28,960
1953.....	726,937	336,401	494,981	53,965	95,341	112,470	24,145
<b>Tracklaying</b>							
1945.....	303,269	39,404	199,461	4,594	12,547	86,255	5,006
1948.....	268,930	29,564	121,382	10,009	40,625	78,528	28,395
1949.....	311,113	28,260	129,234	15,589	70,189	72,352	39,338
1950.....	360,437	29,167	150,205	15,433	73,282	97,115	39,835
1951.....	449,478	33,507	186,017	15,635	73,943	135,926	53,592
1952.....	477,920	33,596	199,352	14,559	81,489	138,682	58,397
1953.....	500,143	31,692	206,698	18,905	121,998	121,387	50,060
<b>Garden type:</b>							
1945.....	6,040	26,401	3,353	1,561	239	2,310	138
1948.....	42,983	158,865	28,086	10,556	1,966	12,220	711
1949.....	30,234	126,331	20,075	5,096	953	8,690	516
1950.....	32,460	149,704	21,529	4,123	720	9,857	354
1951.....	37,488	164,323	24,069	4,029	689	12,238	492
1952.....	41,489	197,540	27,344	4,952	754	12,933	458
1953.....	44,754	205,120	28,246	6,678	1,023	14,879	606

# No. 1059.—FARM MACHINES AND EQUIPMENT—SHIPMENTS, BY CLASS: 1945 TO 1953

[In thousands of dollars. Excludes data for tractors for nonfarm use. Data for 1945 represent sales, not significantly different from shipments]

CLASS	1945	1948	1949	1950	1951	1952	1953
<b>Total</b> .....	700,177	1,733,746	1,813,008	1,792,427	2,204,491	1,938,996	1,648,490
Farm machines and equipment (complete units)	490,504	1,334,345	1,424,068	1,437,824	1,758,656	1,524,630	1,314,365
Attachments and parts.....	209,673	399,401	388,940	354,603	445,835	414,366	334,125
COMPLETE UNITS, ATTACHMENTS, AND PARTS							
Plows and listers.....	40,163	100,605	99,974	100,326	111,512	92,632	68,703
Harrows, rollers, pulverizers, and stalk cutters.....	22,598	80,954	76,860	77,716	94,188	84,558	78,785
Planting, seeding, and fertilizing machinery.....	43,286	109,505	114,875	113,053	134,062	127,366	107,443
Cultivators and weeders.....	33,567	80,069	70,169	57,253	80,983	71,605	54,829
Sprayers and dusters.....	14,715	44,458	32,159	36,779	42,530	36,429	34,701
Harvesting machinery.....	99,361	247,820	290,555	288,153	345,084	309,384	294,024
Haying machinery.....	49,456	153,395	151,791	154,979	209,546	202,962	191,441
Machines for preparing crops for market or for use.....	25,230	42,216	35,383	30,552	36,406	31,461	29,919
Farm poultry equipment.....	24,868	20,379	25,345	30,127	34,611	25,442	27,216
Farm dairy machines and equipment.....	46,752	23,443	20,057	22,969	22,310	21,471	24,370
Barn equipment.....	7,087	13,207	10,050	11,300	13,719	15,526	15,107
Barnyard equipment.....	8,087	10,915	13,498	17,777	21,641	15,064	12,507
Farm elevators and blowers.....	6,144	25,311	32,735	34,671	39,378	40,649	37,664
Farm wagons, trucks, and other farm transportation equipment.....	15,864	38,918	24,339	26,103	32,996	29,505	26,555
Tractors for farm use.....	262,999	742,551	815,218	790,669	985,525	834,942	645,226

<sup>1</sup> Domestic shipments only.

Source of tables 1058 and 1059: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M35A



## 31. Distribution and Services

### Including Advertising

The major source of distribution and services data is the Census of Business taken by the Bureau of the Census of the Department of Commerce. The first Census of Business was taken for 1929. Although the next census was scheduled by law to cover 1939, two special censuses covering 1933 and 1935 were taken before the census for 1939. Under the provisions of a law passed in 1948, the Census of Business is to be conducted at 5-year intervals. The first census under this act was taken in 1949 covering the year 1948. The Census scheduled to be conducted in 1954 covering the year 1953 was not taken. However, a Census covering the year 1954 is presently in process; the results will be available late in 1955 and during 1956.

The business establishments covered in the fields included in the Census of Business may be generally described as follows:

**Retail trade.**—Places of business primarily engaged in selling merchandise for personal, household, or farm consumption;

**Wholesale trade.**—Establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business uses; and

**Service.**—Establishments engaged primarily in the sale of services as contrasted with the sale of merchandise.

Certain types of businesses, broadly defined, generally are not included in the Census of Business. Outstanding in this group are the business activities of doctors, lawyers, dentists, and others performing a professional or scientific service, educational institutions, religious or charitable institutions, hospitals and infirmaries, public utilities, and government-operated enterprises.

Many of the tables shown in this section contain comparative data from the various Censuses of Business. Adjustments have been made in the figures to make allowances for the changes in scope among the various years compared.

**Retail trade.**—Annual data on retail trade are compiled and published by the Bureau of the Census in the *Annual Retail Trade Report*. This report includes figures showing sales, inventories, and receivables for retail stores classified by kind of business. The same agency compiles and publishes the *Monthly Retail Trade Report* which presents dollar volume estimates of monthly retail sales classified by kind of business. Monthly estimates of dollar volume of retail sales (and occasionally adjusted estimates), for the United States are also published in the *Survey of Current Business*, issued by the Office of Business Economics of the Department of Commerce. The *Advance Retail Sales Report* issued jointly by the Bureau of the Census and the Office of Business Economics within 10 days after the end of each report month also presents preliminary estimates of the previous month's retail sales classified by major kind-of-business groups. All of the data shown in these various reports are derived from information collected from a sample of retail stores.

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Note.—This section presents data for the most recent year or period available on May 27, 1955, when the material was organized and sent to the printer.

Indexes of department store sales and stocks are compiled by the Board of Governors of the Federal Reserve System and by each of the 12 Federal Reserve Banks for its district. These indexes are published monthly in the *Federal Reserve Bulletin* and also in the *Survey of Current Business*. Monthly and annual statistics on consumer credit are compiled by the Board of Governors of the Federal Reserve System and published currently in the *Federal Reserve Bulletin*. Financial data for corporations engaged in retail trade and filing income tax returns are published by the Internal Revenue Service in its annual report, *Statistics of Income*. Financial statistics on corporations engaged in retail trade whose securities are listed on the national securities exchanges are available from the Securities and Exchange Commission.

**Wholesale trade.**—Monthly statistics on trends in sales and inventories of merchant wholesalers, by kinds of business and by geographic divisions, are compiled and published by the Bureau of the Census. These data are based on reports submitted by a probability sample of firms representing merchant wholesalers in all kinds of business. This sample, which includes about 17,000 firms, was also used to compile estimates of 1953 annual sales, inventories, receivables, bad debt losses, and operating expenses. Using these survey data as a basis, monthly estimates of aggregate sales and inventories of wholesalers raised to national totals are prepared by the Office of Business Economics and published in the *Survey of Current Business*.

Inventories (in barrels) of the four major liquid fuels—gasoline, kerosene, distillates, and residual fuels—held by distributors (including bulk stations of refiner-marketers) are estimated monthly by the Bureau of the Census from a probability sample. These data together with quarterly measures of storage capacity are published in the *Facts for Industry* series.

Financial statistics relating to corporations in wholesale trade are available from the annual report, *Statistics of Income*, published by the Internal Revenue Service.

Current data on the production, movement, stocks, carryover, receipts, and disappearances at principal markets, etc., for major agricultural commodities are available from the Agricultural Marketing Service, Department of Agriculture. The Bureau of the Census measures distributor stocks of various canned foods periodically during the marketing season. These data, together with information on canners shipments, stocks, and pack supplied by canners associations, are issued in the Bureau's *Canned Food Report*.

As part of its investigations, the Federal Trade Commission has collected operating statistics on wholesalers as well as on the wholesale business of chains in various lines. Financial statistics on corporations engaged in wholesale trade whose securities are listed on the national securities exchanges are available from the Securities and Exchange Commission.

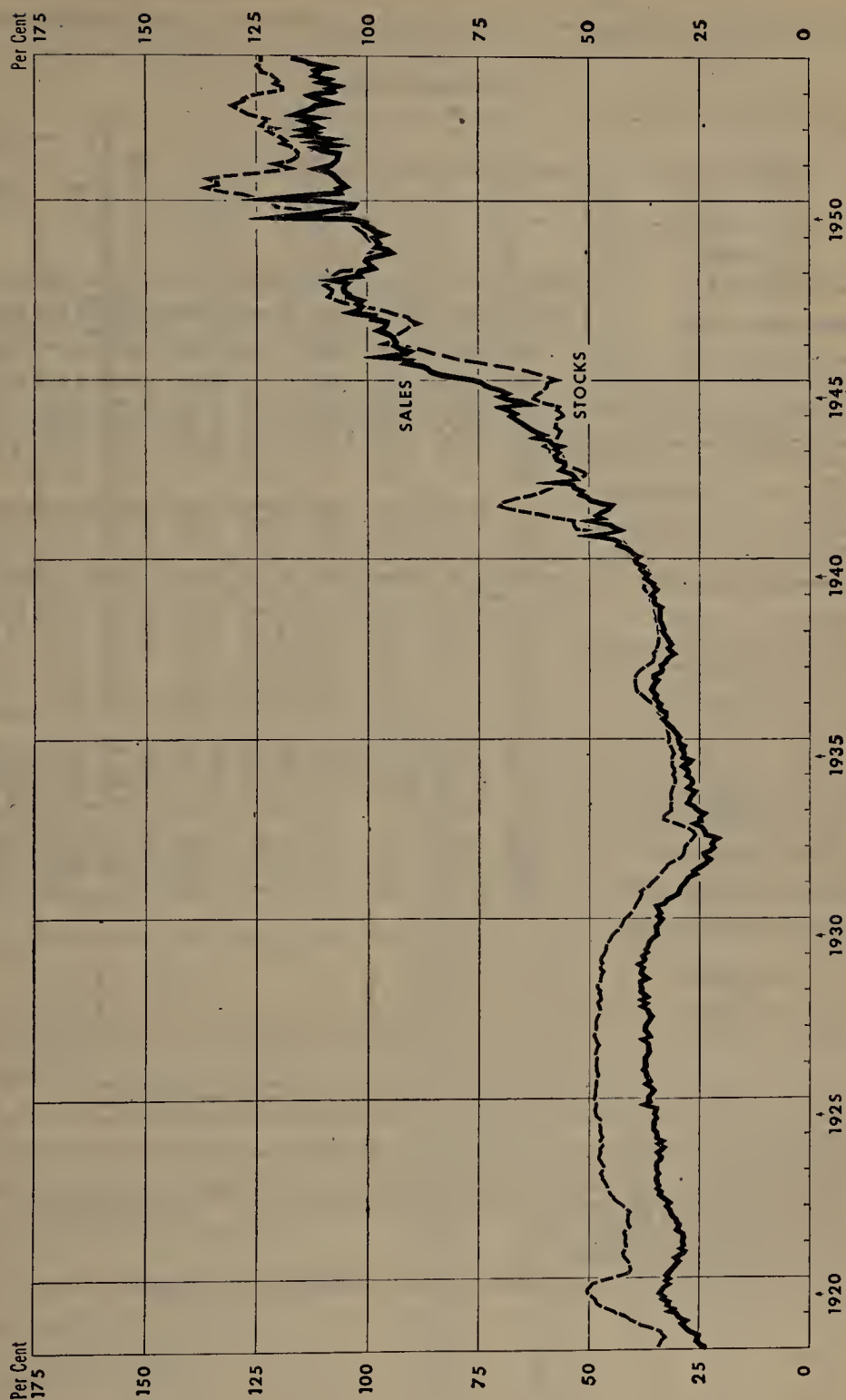
**Service trades.**—Typical of the numerous current statistical reports on personal and business services compiled by private agencies are the *Horwath Hotel Accountant*, *Printers' Ink*, and *National Advertising Records*. Financial statistics of service businesses derived from corporation income tax returns are compiled and published annually by the Internal Revenue Service in its annual report, *Statistics of Income*. Current data on service trades are provided by the Office of Business Economics in its quarterly and annual estimates of consumption expenditures published in the *Survey of Current Business*.

**Advertising.**—Statistics shown here on advertising expenditures are compiled by private organizations. McCann-Erickson, Inc., which compiles certain of the data shown on advertising expenditures, defines national advertising as that advertising done for companies whose products are distributed nationally, and for which national media rates are paid. Local advertising is defined as advertising done for companies which market their products locally and may pay special "local" media rates. Monthly figures are published regularly in *Printers' Ink*, in *Tide Magazine*, and also in the Department of Commerce *Survey of Current Business*.



FIG. LIV.—INDEXES OF DEPARTMENT STORE SALES AND STOCKS: 1919 TO 1954

[1947-49=100. See table 1072]



Source: Board of Governors of the Federal Reserve System.

# No. 1060.—RETAIL TRADE—SALES, BY KIND OF BUSINESS, AND TOTAL INVENTORIES: 1929 TO 1954

[In millions of dollars]

KIND OF BUSINESS	1929	1935	1939	1945	1948	1950	1951	NEW SERIES <sup>1</sup>		
								1951	1953	1954
SALES										
All retail stores <sup>2</sup> .....	3 48, 459	32, 791	42, 042	78, 034	130, 521	143, 689	152, 975	158, 223	170, 741	170, 664
Durable goods stores <sup>2</sup> .....	15, 610	8, 321	11, 312	16, 026	41, 876	52, 935	53, 170	54, 479	60, 371	58, 173
Automotive group.....	7, 031	4, 237	5, 549	5, 855	20, 104	28, 289	27, 316	28, 156	33, 320	31, 665
Motor vehicle, other automotive dealers.....	6, 432	3, 863	5, 025	5, 000	18, 744	26, 702	25, 634	26, 282	31, 498	29, 962
Tire, battery, accessory dealers.....	599	374	524	855	1, 360	1, 587	1, 682	1, 874	1, 822	1, 703
Furniture and appliance group.....	2, 755	1, 290	1, 733	2, 740	6, 914	8, 249	8, 073	8, 604	9, 125	9, 079
Furniture and home furnishings.....	1, 813	852	1, 200	2, 101	4, 371	4, 847	4, 943	5, 095	5, 136	5, 291
Household appliances and radio.....	942	438	533	639	2, 543	3, 402	3, 130	3, 509	3, 989	3, 788
Jewelry.....	536	235	362	997	1, 225	1, 174	1, 256	1, 351	(4)	(4)
Lumber, building and hardware group.....	3, 327	1, 572	2, 390	3, 739	8, 766	10, 092	10, 648	10, 208	10, 421	10, 135
Lumber and building materials.....	2, 621	1, 105	1, 761	2, 502	6, 272	7, 458	7, 798	7, 470	7, 715	7, 433
Hardware.....	706	467	629	1, 237	2, 494	2, 634	2, 850	2, 738	2, 706	2, 702
Nondurable goods stores <sup>2</sup> .....	32, 849	24, 470	30, 730	62, 008	88, 645	90, 754	99, 805	103, 744	110, 370	112, 491
Apparel group.....	4, 241	2, 656	3, 259	7, 689	9, 803	9, 333	10, 043	10, 209	10, 256	10, 147
Men's and boys' wear.....	1, 358	727	840	1, 769	2, 309	2, 175	2, 320	2, 461	2, 249	2, 239
Women's apparel and accessory.....	1, 480	1, 026	1, 323	3, 338	3, 961	3, 606	3, 923	4, 049	4, 089	4, 009
Family and other apparel.....	596	392	479	1, 442	2, 066	2, 041	2, 163	2, 015	2, 182	2, 090
Shoes.....	807	511	617	1, 140	1, 467	1, 511	1, 637	1, 684	1, 736	1, 800
Drug and proprietary stores.....	1, 690	1, 233	1, 563	3, 155	4, 013	4, 166	4, 500	4, 547	4, 790	4, 940
Eating and drinking places.....	2, 132	2, 395	3, 529	9, 575	10, 683	10, 626	11, 626	12, 207	13, 003	13, 127
Food group <sup>2</sup> .....	10, 960	8, 358	10, 156	19, 233	30, 966	32, 768	36, 940	37, 626	40, 777	41, 635
Grocery.....	7, 353	6, 352	7, 722	14, 593	24, 770	26, 412	29, 816	30, 346	33, 623	34, 993
Gasoline service stations <sup>5</sup> .....	1, 787	1, 968	2, 822	3, 284	6, 483	7, 553	8, 390	9, 151	10, 536	11, 443
General merchandise group.....	9, 015	5, 730	6, 475	11, 802	17, 135	17, 235	18, 170	18, 202	19, 006	18, 857
Department, excluding mail order.....	3, 903	2, 833	3, 408	6, 484	9, 344	9, 403	9, 846	10, 095	10, 370	10, 272
Mail order (catalog sales).....	447	386	464	608	1, 301	1, 235	1, 284	1, 309	1, 327	1, 222
Variety.....	904	873	1, 080	1, 845	2, 507	2, 587	2, 807	2, 859	3, 095	3, 027
Other general merchandise.....	3, 761	1, 638	1, 523	2, 865	3, 983	4, 010	4, 233	3, 939	4, 214	4, 336
Other nondurable goods stores: <sup>2</sup>										
Liquor.....		328	586	2, 288	2, 580	2, 550	2, 834	2, 975	3, 325	3, 415
INVENTORIES <sup>6</sup>										
All retail stores, inventories, end of year.....	(4)	(4)	5, 285	7, 442	15, 190	18, 414	(4)	19, 904	20, 147	(4)

<sup>1</sup> New series not comparable to prior years due to change in methodology used to compute retail store sales and inventory estimates; see *Survey of Current Business*, September and November 1952.

<sup>2</sup> Sales of other durable goods stores, other food stores, and other nondurable goods stores not shown separately but included in totals.

<sup>3</sup> Includes sales of certain milk dealers in the amount of \$130,000,000, not included in tables 1066 and 1067.

<sup>4</sup> Not available.

<sup>5</sup> Much of increase in sales from 1929 to 1939 results from change in classification. Garages primarily selling gasoline and oil were classified separately as garages in 1929 Census of Retail Trade and included in filling station category in 1939 Census of Retail Trade.

<sup>6</sup> Source: Bureau of the Census.

<sup>7</sup> Includes chain-store warehouses.

Source: Department of Commerce, Office of Business Economics (except as noted); published currently in *Survey of Current Business*.



## No. 1061.—SALES OF RETAIL STORES, BY MONTHS: 1952 TO 1954

[In millions of dollars. Monthly figures are seasonally adjusted; they do not necessarily add to annual totals shown. Data not comparable to that published for earlier years due to change in methodology; see *Survey of Current Business*, September 1952]

MONTH	ALL RETAIL STORES			DURABLE GOODS STORES <sup>1</sup>			NONDURABLE GOODS STORES <sup>1</sup>		
	1952	1953	1954	1952	1953	1954	1952	1953	1954
<b>Total</b> .....	164,085	170,741	170,664	55,270	60,371	58,173	108,815	110,370	112,491
January.....	13,170	14,140	13,622	4,364	5,000	4,436	8,806	9,140	9,186
February.....	13,421	14,514	13,972	4,608	5,304	4,745	8,813	9,211	9,228
March.....	13,033	14,437	13,900	4,312	5,211	4,858	8,721	9,225	9,042
April.....	13,363	14,280	14,242	4,494	5,124	4,882	8,869	9,156	9,360
May.....	13,850	14,424	14,044	4,927	5,154	4,730	8,923	9,279	9,313
June.....	14,014	14,412	14,439	4,883	5,103	5,024	9,131	9,309	9,415
July.....	13,667	14,469	14,272	4,494	5,102	4,911	9,173	9,367	9,361
August.....	13,359	14,073	14,150	4,199	4,914	4,770	9,160	9,159	9,380
September.....	13,570	13,982	14,214	4,505	4,865	4,798	9,065	9,117	9,417
October.....	14,262	14,040	14,071	4,844	5,029	4,689	9,358	9,011	9,382
November.....	14,026	14,104	14,361	4,769	5,005	4,948	9,257	9,099	9,412
December.....	14,410	13,932	15,123	4,871	4,626	5,326	9,539	9,806	9,803

<sup>1</sup> Durable goods comprise automotive group; furniture and appliance group; lumber, building, hardware group; and other durable goods stores. Nondurable goods stores include all other kinds of business.

Source: Department of Commerce, Office of Business Economics; published currently in *Survey of Current Business*.

## No. 1062.—RETAIL TRADE—NUMBER AND SALES, BY KIND OF BUSINESS, BY REGIONS: 1953

[Sales in millions of dollars. Based on sample; see source for sampling variability. Totals include data for kinds of businesses not shown separately. See map on p. XVI for States comprising Census regions]

KIND OF BUSINESS	Number of stores	SALES				
		United States	North-east	North Central	South	West
<b>ALL RETAIL STORES</b>						
<b>Total</b> .....	1,747,850	170,739	45,538	54,802	42,545	27,854
Food group.....	456,409	40,777	12,365	12,293	10,086	6,033
Grocery stores <sup>1</sup> .....	358,336	33,623	9,342	9,915	9,258	5,108
Eating and drinking places.....	340,853	13,003	4,137	4,237	2,449	2,180
Eating places.....	186,275	8,340	( <sup>2</sup> )	2,301	1,838	1,488
Drinking places.....	154,578	4,664	1,425	1,936	( <sup>2</sup> )	( <sup>2</sup> )
General merchandise group.....	70,658	19,005	4,518	6,341	5,126	3,020
Department stores, including mail order.....	2,658	11,695	2,899	4,369	2,637	1,790
Mail order (catalog sales).....		1,329	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Variety stores.....	( <sup>2</sup> )	3,094	960	865	847	422
Other general merchandise stores <sup>4</sup> .....	( <sup>5</sup> )	4,215	( <sup>2</sup> )	1,107	1,642	( <sup>2</sup> )
Apparel group.....	115,157	10,256	3,630	2,827	2,585	1,214
Women's ready-to-wear stores <sup>5</sup> .....	47,655	3,604	1,261	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Shoe stores.....	21,765	1,735	617	( <sup>2</sup> )	360	( <sup>2</sup> )
Furniture and appliance group.....	93,797	9,125	( <sup>2</sup> )	2,834	2,278	( <sup>2</sup> )
Lumber, building, hardware group.....	107,370	13,550	( <sup>2</sup> )	5,192	3,254	( <sup>2</sup> )
Automotive group.....	81,321	33,319	( <sup>2</sup> )	10,425	8,869	( <sup>2</sup> )
Motor vehicle dealers (new and used cars).....	( <sup>5</sup> )	27,974	( <sup>2</sup> )	8,984	7,400	( <sup>2</sup> )
Gasoline service stations.....	201,444	10,537	1,919	3,835	2,942	1,841
Drug and proprietary stores.....	58,980	4,789	1,174	1,585	1,227	803
Liquor stores.....	( <sup>5</sup> )	3,326	( <sup>2</sup> )	921	( <sup>2</sup> )	( <sup>2</sup> )
<b>STORES OF ORGANIZATIONS OPERATING 11 OR MORE STORES</b>						
<b>Total</b> .....	73,771	30,928	9,042	9,561	7,605	4,720
Food group.....	23,083	13,392	4,639	3,814	3,224	1,715
Grocery stores <sup>1</sup> .....	17,432	12,404	4,183	3,469	3,106	1,646
Eating and drinking places.....	4,225	672	325	159	122	66
General merchandise group.....	11,368	8,962	1,892	3,115	2,320	1,635
Department stores, including mail order.....	1,483	5,290	1,039	1,946	1,258	1,047
Variety stores.....	6,573	2,350	742	692	635	281
Apparel group.....	11,202	2,078	718	626	459	275
Men's and boys' clothing and furnishings stores.....	( <sup>5</sup> )	200	80	64	30	26
Women's apparel and accessory stores <sup>6</sup> .....	4,135	820	231	253	223	113
Women's ready-to-wear stores.....	2,761	739	203	217	215	104
Shoe stores.....	5,179	650	215	198	144	93
Furniture and appliance group.....	5,281	708	196	177	223	112
Tire, battery, accessory dealers.....	3,018	636	97	202	254	83
Other retail stores.....	10,882	2,809	943	753	659	454
Drug and proprietary stores.....	2,554	760	132	306	196	126
Liquor stores.....	( <sup>5</sup> )	836	273	239	181	143

<sup>1</sup> Comprises data for grocery stores with and without fresh meat.

<sup>2</sup> Not shown because of high sampling variability.

<sup>3</sup> Withheld to avoid disclosure of individual operations.

<sup>4</sup> Comprises data for general stores and dry goods and general merchandise stores. <sup>5</sup> Not available.

<sup>6</sup> Comprises data for women's ready-to-wear; other apparel, accessory, specialty shops; and furriers.

Source: Department of Commerce, Bureau of the Census; *Annual Retail Trade Report—1953*.

# No. 1063.—RETAIL TRADE—MERCHANDISE INVENTORIES AND SALES-INVENTORY RATIOS, BY KIND OF BUSINESS: 1952 AND 1953

[Inventories in millions of dollars. As of December 31. Based on sample; see source for sampling variability]

KIND OF BUSINESS	MERCHANDISE INVENTORIES AT COST						SALES-INVENTORY RATIOS <sup>1</sup>			
	All retail stores		Organizations operating 11 or more retail stores				All retail stores		Stores of organizations operating 11 or more stores <sup>2</sup>	
			Retail stores		Warehouses					
	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953
<b>Total</b> .....	18,845.8	19,295.2	2,543.9	2,515.1	848.9	851.7	9.4	9.0	11.8	12.5
Food group.....	1,924.4	1,994.3	395.5	411.3	370.6	381.7	21.4	21.1	31.9	33.3
Grocery stores.....	1,740.7	1,811.8	375.3	390.4	343.7	360.9	19.0	19.7	31.2	32.5
Eating and drinking places.....	433.1	414.1	8.2	8.7	8.6	8.6	29.4	30.4	83.5	80.9
General merchandise group.....	3,037.7	3,023.4	1,185.7	1,118.6	180.2	173.2	6.5	6.6	7.4	7.9
Department stores, including mail order.....	1,616.9	1,546.6	716.1	660.6	108.2	109.9	7.1	7.6	7.3	8.0
Mail order (catalog sales).....	220.4	195.7	220.4	195.7	-----	-----	6.3	6.4	6.3	6.4
Variety stores.....	521.3	536.8	311.4	311.4	35.5	31.9	6.3	6.1	7.5	7.6
Other general merchandise stores.....	899.5	940.0	158.1	146.6	36.5	31.4	5.2	5.2	7.7	8.6
Dry goods and general merchandise stores.....	641.5	672.8	144.2	132.7	32.5	27.6	5.1	5.1	7.8	8.7
Apparel group.....	2,195.1	2,288.0	282.0	292.6	45.1	49.4	4.7	4.6	6.9	7.0
Men's and boys' clothing and furnishings stores.....	630.7	642.6	35.3	37.1	9.0	10.6	3.6	3.3	5.2	4.9
Women's ready-to-wear stores.....	541.6	583.7	68.2	65.5	7.2	8.8	7.0	6.8	11.1	11.5
Family clothing stores.....	382.7	384.2	( <sup>3</sup> )	76.2	( <sup>3</sup> )	7.3	4.5	4.2	5.2	5.0
Shoe stores.....	408.8	433.0	100.7	106.5	19.9	20.0	4.1	3.8	6.1	6.2
Furniture and appliance group.....	1,787.0	1,778.2	102.0	103.9	37.8	39.3	5.5	5.5	7.0	7.1
Furniture, home furnishings stores.....	1,168.2	1,175.2	( <sup>3</sup> )	29.8	( <sup>3</sup> )	24.0	4.9	4.9	10.9	11.2
Furniture stores.....	929.4	918.9	( <sup>3</sup> )	27.8	( <sup>3</sup> )	7.8	4.7	4.7	6.5	6.7
Household appliance, radio stores.....	618.8	603.0	73.2	74.1	13.8	15.3	6.6	6.5	5.3	5.4
Household appliance dealers.....	468.0	444.4	( <sup>3</sup> )	70.0	( <sup>3</sup> )	14.1	6.2	6.9	5.0	5.1
Lumber, building, hardware group.....	3,062.4	3,013.9	223.4	221.8	20.6	21.2	4.7	4.5	5.0	5.2
Building materials dealers, plumbing, electrical stores.....	1,375.3	1,337.7	166.6	161.4	16.6	16.9	5.6	5.6	4.3	4.3
Lumber yards, building materials dealers.....	1,126.7	1,078.6	( <sup>3</sup> )	138.6	( <sup>3</sup> )	2.0	5.6	5.4	3.7	3.7
Hardware stores.....	750.1	749.1	51.3	49.7	4.1	4.3	3.7	3.6	7.3	7.7
Farm equipment dealers.....	( <sup>4</sup> )	927.0	( <sup>4</sup> )	10.6	-----	-----	4.1	3.5	3.2	3.2
Automotive group.....	2,805.1	3,036.8	( <sup>5</sup> )	( <sup>5</sup> )	9.6	10.1	9.8	10.2	7.6	7.6
Motor vehicle and other automotive dealers.....	2,537.6	2,770.2	( <sup>5</sup> )	( <sup>5</sup> )	-----	-----	10.3	10.6	( <sup>5</sup> )	( <sup>5</sup> )
Motor vehicle dealers.....	2,462.0	2,683.9	( <sup>5</sup> )	( <sup>5</sup> )	-----	-----	10.4	10.8	( <sup>5</sup> )	( <sup>5</sup> )
Tire, battery, accessory dealers.....	267.6	266.7	97.4	109.0	9.6	10.1	6.1	6.1	6.6	6.2
Gasoline service stations.....	514.8	521.8	( <sup>3</sup> )	12.3	( <sup>3</sup> )	6.1	19.1	20.4	41.9	44.4
Other retail stores.....	3,086.2	3,224.7	( <sup>5</sup> )	( <sup>5</sup> )	170.6	162.0	7.4	7.2	12.2	12.2
Drug and proprietary stores.....	782.9	816.5	79.4	84.2	43.8	44.3	6.4	6.4	9.4	9.1
Drug stores.....	738.1	771.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>4</sup> )	6.5	9.4	9.1
Liquor stores.....	425.2	458.1	73.1	73.8	72.1	69.9	8.2	8.1	11.8	12.1
Jewelry stores.....	479.5	502.3	( <sup>3</sup> )	17.5	( <sup>3</sup> )	2.6	3.0	2.6	4.5	4.3
Feed, farm, and garden supply stores.....	( <sup>4</sup> )	429.0	( <sup>4</sup> )	33.8	( <sup>4</sup> )	23.0	12.1	12.6	16.7	17.3
Cigar stores.....	( <sup>4</sup> )	34.3	( <sup>4</sup> )	4.7	( <sup>4</sup> )	1.3	11.8	13.4	13.3	14.1

<sup>1</sup> Ratio of annual sales to year-end inventories of retail stores which were in business the full calendar year.

<sup>2</sup> Based on store inventories only (warehouse inventories are excluded).

<sup>3</sup> Not shown because of high sampling variability.

<sup>4</sup> Not available.

<sup>5</sup> Withheld to avoid possible disclosure of individual operations.

Source: Department of Commerce, Bureau of the Census; *Annual Retail Trade Report—1953*.



# No. 1064.—RETAIL SALES OF CHAIN STORES AND MAIL-ORDER HOUSES, BY KIND OF BUSINESS: 1929 TO 1954

[In millions of dollars. New series based on sales of organizations which in 1948 operated 11 or more retail stores in same kind of business; data for prior years represented sales of organizations with 4 or more retail stores. See *Survey of Current Business*, September 1952]

KIND OF BUSINESS	1929	1935	1939	1945	1948	1950	1951	NEW SERIES		
								1951	1953	1954
<b>Total sales</b> .....	10,412	8,040	9,570	17,280	29,737	31,232	34,000	28,536	30,929	31,690
<b>Durable goods stores</b> .....	1,683	813	1,024	1,627	3,407	3,863	3,825	2,521	2,580	2,582
Automotive group.....	746	355	372	391	741	959	964	(1)	(1)	(1)
Motor vehicle, other automotive dealers.....	624	168	136	96	287	408	389	(1)	(1)	(1)
Tire, battery, accessory dealers.....	122	187	236	295	454	551	575	568	636	609
Furniture and appliance group.....	392	162	239	389	1,027	1,214	1,141	679	710	724
Furniture, home furnishings stores.....	235	97	151	277	562	592	569	287	320	346
Household appliance, radio stores.....	157	65	88	112	465	622	572	392	390	378
Jewelry stores.....	36	22	38	103	134	129	138	66	79	71
Lumber, building, hardware group.....	509	274	375	739	1,505	1,561	1,582	1,208	1,155	1,178
Lumber, building materials dealers.....	488	256	350	565	1,107	1,147	1,147	798	728	750
<b>Nondurable goods stores</b> .....	8,729	7,227	8,546	15,653	26,330	27,369	30,175	26,015	28,349	29,108
Apparel group.....	1,197	758	992	2,090	2,729	2,588	2,763	2,009	2,079	2,041
Men's and boys' wear stores.....	271	141	173	272	366	338	342	215	205	187
Women's apparel, accessory stores.....	413	260	394	968	1,117	1,042	1,137	786	821	794
Family and other apparel stores.....	144	78	80	329	548	512	539	356	402	385
Shoe stores.....	369	279	345	521	698	696	745	652	651	675
Drug and proprietary stores.....	312	317	400	704	869	852	905	722	759	760
Eating and drinking places.....	299	248	304	593	742	724	779	590	671	662
Food group.....	3,475	2,916	3,340	5,614	10,493	11,344	12,921	11,705	13,390	14,344
Grocery stores.....	2,833	2,468	2,833	4,705	9,319	10,140	11,569	10,718	12,404	13,357
Gasoline service stations.....	605	423	288	271	470	548	609	478	498	538
General merchandise group.....	2,275	2,124	2,693	4,925	8,930	9,300	9,950	8,575	8,962	8,862
Department stores, excluding mail order.....	1,013	898	1,226	2,630	5,373	5,743	6,149	3,820	4,058	4,092
Mail order (catalog sales).....	447	386	464	608	1,301	1,235	1,284	1,220	1,233	1,130
Variety stores.....	815	801	952	1,559	2,077	2,143	2,326	2,233	2,350	2,357
Other general merchandise stores.....	39	51	128	179	179	191	1,302	1,321	1,283	
Other retail stores.....	566	441	529	1,456	2,097	2,013	2,248	1,936	1,990	1,901

<sup>1</sup> Not available.

Source: Department of Commerce, Office of Business Economics and Bureau of the Census; published currently in *Survey of Current Business*.

# No. 1065.—SALES OF CHAIN STORES AND MAIL-ORDER HOUSES, BY SELECTED KIND OF BUSINESS, AND BY MONTHS: 1953 AND 1954

In millions of dollars. See headnote, table 1064. Monthly figures are seasonally adjusted; they do not necessarily add to annual totals shown]

MONTH	TOTAL <sup>1</sup>		APPAREL STORES		DRUG AND PROPRIETARY STORES		EATING AND DRINKING PLACES		FOOD STORES		GENERAL MERCHANDISE GROUP	
	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954
<b>Total</b> .....	30,929	31,690	2,079	2,041	759	760	671	662	13,390	14,344	8,962	8,862
January.....	2,506	2,543	167	164	63	62	51	54	1,075	1,157	731	693
February.....	2,564	2,585	168	167	62	62	52	56	1,088	1,166	754	715
March.....	2,588	2,584	172	167	62	61	54	55	1,085	1,170	765	718
April.....	2,576	2,613	171	175	63	64	56	55	1,097	1,171	746	736
May.....	2,559	2,595	177	160	64	63	57	54	1,061	1,204	779	702
June.....	2,625	2,619	174	167	65	63	59	55	1,120	1,177	777	740
July.....	2,647	2,652	184	164	64	64	60	55	1,137	1,207	783	730
August.....	2,582	2,655	170	166	63	63	57	55	1,138	1,203	734	748
September.....	2,573	2,654	166	168	64	64	59	55	1,163	1,206	715	745
October.....	2,523	2,607	169	168	63	63	57	54	1,141	1,191	696	722
November.....	2,566	2,660	173	177	63	63	55	57	1,138	1,199	722	745
December.....	2,620	2,798	188	188	63	66	54	57	1,147	1,240	760	820

<sup>1</sup> Includes businesses not shown separately.

Source: Department of Commerce, Office of Business Economics; published currently in *Survey of Current Business*.

## No. 1066.—RETAIL STORES—SUMMARY, BY

	KIND OF BUSINESS	NUMBER OF STORES			SALES, ENTIRE YEAR (\$1,000)		
		1929	1939	1948	1929	1939	1948
1	<b>United States, total</b> .....	1,476,365	1,770,355	1,769,540	48,329,652	42,041,790	130,520,548
2	<b>Food group</b> .....	481,891	560,549	504,439	10,837,421	10,164,967	30,965,674
3	Grocery stores, without fresh meat.....	191,876	200,303	154,277	3,449,129	2,225,435	4,026,835
4	Grocery stores, with fresh meat.....	115,549	187,034	223,662	3,903,662	5,496,318	20,743,288
5	Meat markets.....	43,788	35,630	24,242	1,253,260	700,243	1,641,697
6	Fish (sea food) markets.....	6,077	6,730	5,223	83,698	50,554	133,872
7	Fruit stores, vegetable markets.....	22,904	27,666	15,763	308,379	222,239	398,968
8	Candy, nut, confectionery stores.....	63,265	48,015	32,876	571,549	295,300	649,347
9	Dairy products stores.....	4,488	7,382	6,743	165,965	142,728	358,965
10	Milk dealers.....	3,990	9,452	4,984	560,996	597,283	1,527,997
11	Bakery products stores <sup>1</sup> .....	12,013	16,985	20,152	201,093	168,027	725,021
12	Bakeries, without baking on prem- ises.....	(2)	(2)	4,466	(2)	(2)	162,649
13	Bakeries, with baking on premises.....	(2)	(2)	15,686	(2)	(2)	562,372
14	Egg, poultry dealers.....	3,258	6,532	5,582	70,858	63,350	256,664
15	Delicatessen stores.....	11,166	9,909	8,212	194,820	132,365	308,777
16	Other food stores.....	3,517	4,911	2,723	74,012	71,125	194,243
17	<b>Eating and drinking places</b> .....	134,293	305,386	346,556	2,124,890	3,520,052	10,683,324
18	Restaurants, cafeterias, caterers <sup>1</sup> .....	96,950	99,068	131,190	1,802,913	1,764,854	5,303,094
19	Restaurants, cafeterias.....	96,950	99,068	130,192	1,802,913	1,764,854	5,236,920
20	Caterers.....	(1)	(1)	998	(1)	(1)	66,174
21	Lunch counters, refreshment stands.....	37,343	70,724	62,933	321,977	370,166	1,165,129
22	Drinking places.....		135,594	152,433		1,385,032	4,215,101
23	<b>General stores</b> .....	104,089	39,688	21,557	2,570,744	810,342	1,159,361
24	<b>General merchandise group</b> .....	54,636	50,267	52,544	6,444,101	5,665,007	15,975,357
25	Department stores.....	4,221	4,074	2,580	4,350,098	3,974,998	10,644,747
26	Dry goods, general merchandise stores.....	38,305	29,247	29,754	1,189,856	713,208	2,823,869
27	Variety stores.....	12,110	16,946	20,210	904,147	976,801	2,506,741
28	<b>Apparel group</b> .....	114,296	106,959	115,246	4,240,893	3,258,772	9,803,218
29	Men's, boys' clothing stores.....	17,435	15,577	14,775	936,947	664,511	1,609,902
30	Men's, boys' furnishings stores.....	10,762	5,924	8,955	255,776	108,801	556,051
31	Family clothing stores.....	10,551	10,053	12,533	552,353	429,454	1,791,317
32	Women's ready-to-wear stores.....	18,253	25,820	30,677	1,087,601	1,009,494	3,305,162
33	Millinery stores.....	12,433	10,799	5,725	161,807	118,586	108,556
34	Hosiery stores.....	1,943	2,293	1,858	54,830	35,307	71,911
35	Corset, lingerie stores.....	2,390	2,338	2,812	49,556	27,938	89,179
36	Apparel accessory, specialty stores.....	925	1,863	3,086	19,588	37,318	167,221
37	Men's shoe stores.....	1,402	2,472	2,246	61,507	78,770	199,331
38	Women's shoe stores.....	1,666	2,735	2,985	130,681	154,138	372,579
39	Family shoe stores.....	21,191	15,280	13,707	614,641	384,156	873,354
40	Children's, juveniles' shoe stores.....	(3)	(3)	613	(3)	(3)	22,043
41	Custom tailors.....	11,284	5,674	4,963	165,048	66,282	142,861
42	Furriers, fur shops.....	2,280	2,214	2,350	106,862	94,133	219,290
43	Children's, infants' wear stores.....	1,309		6,730	29,965		231,644
44	Other apparel stores.....	472	3,917	1,231	13,731	49,884	42,817
45	<b>Furniture, furnishings, appliance group</b> .....	58,941	52,827	85,585	2,754,721	1,733,257	6,914,179
46	Furniture stores.....	25,854	19,902	29,031	1,578,632	973,157	3,427,168
47	Floor covering stores.....	1,503	1,986	4,568	73,428	58,618	358,953
48	Drapery, curtain, upholstery stores.....	973	930	3,178	18,735	15,843	141,403
49	China, glassware, metalware stores.....	1,066	778	1,626	35,128	21,821	116,916
50	Antique stores.....	2,099	3,324	4,963	60,273	17,743	53,062
51	Other home furnishing stores.....	2,080	4,994	5,288	37,992	112,702	273,318
52	Household appliance stores.....	9,329	18,002	29,700	389,061	484,698	2,159,302
53	Radio stores.....	16,037	2,911	7,231	561,772	48,675	384,057

See footnotes at end of table.



## KIND OF BUSINESS: 1929, 1939, AND 1948

PAYROLL ENTIRE YEAR (\$1,000)			NUMBER OF ACTIVE PROPRIETORS OF UNINCORPORATED BUSINESSES			NUMBER OF PAID EMPLOYEES, WORK-WEEK ENDED NEAREST NOV. 15				
1929	1939	1948	1929	1939	Nov. 1948	Total		Full workweek		
						1939	1948	1939	1948	
5,044,128	4,529,499	13,567,997	1,434,704	1,613,673	1,742,046	4,821,806	6,918,061	3,870,195	5,608,398	1
767,207	760,762	1,943,967	468,301	516,976	509,721	814,746	1,005,897	614,930	753,503	2
183,439	110,663	145,388	171,991	178,182	152,086	131,543	89,043	92,166	60,126	3
254,264	354,140	1,112,827	113,286	173,799	228,406	421,491	597,213	307,225	432,736	4
84,898	50,984	89,645	45,248	35,886	26,222	49,599	40,205	38,524	31,859	5
7,500	4,246	8,509	6,571	6,968	5,673	5,516	5,345	3,971	4,061	6
20,583	15,993	24,249	25,106	23,282	17,380	20,282	14,893	14,606	10,667	7
45,724	20,144	56,686	67,596	45,777	31,276	31,393	43,745	22,545	29,805	8
13,583	17,892	38,135	3,879	4,111	5,468	18,160	20,579	14,552	14,967	9
101,027	140,078	263,071	4,063	9,207	4,699	81,106	82,161	78,582	78,880	10
31,061	21,735	140,719	11,782	14,284	20,906	28,933	82,509	21,409	66,167	11
(2)	(2)	22,489	(2)	(2)	2,876	(2)	14,078	(2)	10,515	12
(2)	(2)	118,230	(2)	(2)	18,030	(2)	68,431	(2)	55,652	13
3,320	3,514	11,460	3,513	6,545	5,910	5,468	7,683	3,218	4,983	14
10,699	6,911	15,252	12,184	9,895	9,245	8,442	9,349	6,815	6,924	15
11,109	14,462	38,026	3,082	4,040	2,450	12,813	13,172	11,317	12,328	16
396,075	565,585	1,940,907	148,948	306,219	372,044	830,063	1,337,186	701,188	1,080,090	17
348,700	364,451	1,169,538	109,837	101,276	143,016	544,912	828,046	478,816	688,954	18
348,700	364,451	1,153,934	109,837	101,276	142,071	544,912	815,924	478,816	683,094	19
(1)	(1)	15,604	(1)	(1)	945	(1)	12,122	(1)	5,860	20
47,375	41,445	172,952	39,111	68,726	64,451	62,970	139,818	47,475	102,849	21
159,689	159,689	598,417	136,217	136,217	164,577	222,181	369,322	174,897	288,287	22
115,511	47,376	65,785	121,366	38,646	21,952	62,423	41,444	50,364	33,191	23
818,930	803,485	2,304,206	47,821	36,362	39,932	965,884	1,351,387	674,324	1,004,234	24
620,990	611,706	1,660,702	1,441	560	261	637,189	843,479	489,748	683,444	25
102,578	69,975	281,578	39,037	25,910	26,738	99,246	175,029	69,270	128,956	26
95,362	121,804	361,926	7,343	9,892	12,933	229,449	332,879	115,306	191,834	27
505,353	420,823	1,178,820	99,613	82,329	99,453	417,396	585,703	318,379	458,721	28
101,245	80,382	189,495	16,649	13,194	13,474	61,510	71,090	51,682	58,903	29
22,119	10,868	54,286	9,705	4,652	8,206	9,242	22,464	7,165	17,702	30
65,086	58,478	217,854	9,345	8,317	11,370	61,598	114,083	47,012	89,171	31
134,582	132,674	404,012	15,751	20,711	26,545	143,985	228,881	113,155	182,222	32
23,788	18,888	15,941	10,106	7,472	4,736	24,569	11,374	18,091	8,185	33
9,860	3,893	6,265	1,211	1,531	1,328	8,220	3,774	2,998	2,734	34
4,591	3,077	8,895	2,170	2,111	2,740	3,384	4,867	2,701	3,753	35
1,917	3,769	18,757	630	1,261	2,526	4,443	11,120	3,127	6,507	36
5,194	7,462	16,891	418	650	921	66,257	6,694	44,509	5,101	37
15,673	19,457	48,550	535	938	1,562		20,217		14,201	38
61,351	42,831	98,383	17,455	10,417	10,296		45,940		32,517	39
(3)	(3)	2,019	(3)	(3)	575	7,526		998	784	40
39,138	16,088	33,857	11,624	5,523	4,834	13,260	13,370	10,126	11,502	41
14,344	16,809	39,527	2,103	1,794	2,116	13,402	14,978	11,939	13,781	42
2,298	6,147	19,308	1,342	3,758	7,062	7,526	13,160	5,874	9,524	43
4,167		4,780	569		1,162		2,693		2,134	44
404,095	280,545	935,625	51,962	42,491	79,875	220,950	376,311	194,796	344,375	45
208,240	146,311	441,968	26,043	17,361	27,162	108,246	163,389	101,271	152,267	46
10,281	9,311	55,745	1,475	1,826	4,659	6,422	19,348	5,640	17,854	47
2,993	2,054	22,479	975	859	3,263	2,119	10,350	1,759	9,029	48
5,435	3,655	21,191	925	582	1,522	3,046	13,793	2,740	13,039	49
6,711	2,178	4,013	2,177	3,321	5,324	1,648	2,004	1,373	1,539	50
9,294	26,011	79,046	1,960	4,492	5,213	23,868	34,852	21,532	32,727	51
81,145	83,897	277,897	2,876	11,309	25,427	69,818	118,176	55,197	105,427	52
79,996	7,128	33,286	15,531	2,741	7,305	5,783	14,399	5,284	12,493	53

## No. 1066.—RETAIL STORES—SUMMARY, BY KIND

KIND OF BUSINESS	NUMBER OF STORES			SALES, ENTIRE YEAR (\$1,000)		
	1929	1939	1948	1929	1939	1948
<b>1 Automotive group</b> .....	68,245	60,132	86,162	7,031,177	5,548,687	20,104,054
2 Motor vehicle (new and used) dealers.....	42,204	33,609	43,999	6,266,580	4,810,245	15,952,781
3 Motor vehicle (used) dealers.....	3,097	6,980	16,874	140,932	193,790	2,441,377
4 Tire, battery, accessory dealers.....	22,313	18,525	20,628	599,295	523,685	1,359,596
5 Motorcycle dealers.....	298	513	1,224	8,035	8,619	53,856
6 Aircraft dealers.....	114	51	204	5,594	2,358	30,126
7 Boat dealers.....	219	454	1,037	10,741	9,990	66,265
8 Other automotive dealers.....	( <sup>2</sup> )	( <sup>2</sup> )	2,196	( <sup>2</sup> )	( <sup>2</sup> )	200,053
9 Gasoline service stations.....	121,513	241,858	188,253	1,787,423	2,822,495	6,483,301
<b>10 Lumber, building, hardware group</b> .....	90,386	79,313	98,938	3,845,624	2,734,914	11,151,470
11 Lumber yards.....	26,377	20,621	20,803	1,981,284	1,196,817	4,286,350
12 Building materials dealers.....	4,446	5,307	5,307	281,642	840,700	4,286,350
13 Paint, glass, wallpaper stores.....	8,870	8,480	9,843	195,372	152,673	459,993
14 Heating and plumbing equipment dealers.....	12,709	4,262	7,608	334,277	102,404	555,679
15 Electrical supply stores.....	4,858	1,858	3,088	110,131	27,669	128,907
16 Hardware stores.....	25,330	29,147	34,674	706,053	629,276	2,493,669
17 Farm equipment dealers.....	12,242	10,499	17,615	518,507	344,433	2,386,172
<b>18 Drug and proprietary stores</b> .....	58,258	57,903	55,796	1,690,399	1,562,502	4,013,231
19 Drug stores, with fountain.....	34,844	39,452	33,429	1,149,260	1,205,241	2,797,225
20 Proprietary stores, with fountain.....	6,295	6,295	6,295	6,295	6,295	249,185
21 Drug stores, other.....	23,414	18,451	13,526	541,139	357,261	881,238
22 Proprietary stores, other.....	2,546	2,546	2,546	2,546	2,546	85,583
23 Liquor stores.....	19,136	33,422	586,351	2,579,507		
<b>24 Second-hand stores</b> .....	15,065	23,962	16,969	148,068	138,007	304,654
25 Furniture stores.....	5,643	7,875	6,491	37,749	31,463	74,317
26 Tire, battery, accessory dealers.....	2,820	6,403	2,365	25,843	39,863	64,952
27 Clothing, shoe stores.....	2,606	3,558	3,731	12,042	9,766	38,067
28 Book stores.....	175	588	374	2,372	4,050	5,693
29 Pawn shops.....	1,509	1,373	1,374	35,537	22,868	53,718
30 Other second-hand stores.....	2,312	4,165	2,634	34,525	29,997	67,907
<b>31 Other retail stores</b> .....	174,752	172,375	164,073	4,854,191	3,496,437	10,383,218
32 Fuel dealers, except fuel oil.....	15,444	14,953	929,829	887,617	1,607,658	84,620
33 Ice dealers.....	3,674	3,192	83,540	125,925	732,119	2,790,333
34 Fuel oil dealers.....	( <sup>2</sup> )	2,843	4,525	623,977	155,312	356,526
35 Hay, grain, feed stores.....	21,394	16,772	18,213	990,743	623,977	1,224,878
36 Other farm, garden supply stores.....	5,740	4,915	3,345	128,422	155,312	267,682
37 Jewelry stores.....	19,998	14,559	21,269	536,281	361,595	281,442
38 Book stores.....	2,809	2,845	2,905	117,021	73,842	309,632
39 Stationery stores.....	4,047	5,036	4,033	155,113	118,184	35,229
40 Sporting goods stores.....	1,930	2,605	6,859	65,465	56,914	
41 Bicycle stores.....	1,134	941	1,738	12,210	6,837	
42 Florists.....	9,328	16,055	14,749	176,201	148,741	377,250
43 Cigar stores and stands.....	33,248	18,504	14,526	410,063	207,781	535,255
44 News dealers, newsstands.....	10,285	7,407	6,801	149,866	72,427	216,866
45 Gift, novelty, souvenir stores.....	5,186	7,429	12,516	61,502	53,568	195,664
46 Music stores.....	2,232	2,930	6,120	54,742	65,127	337,338
47 Luggage, leather goods stores.....	1,367	759	1,188	40,312	19,345	68,828
48 Optical goods stores.....	3,001	5,995	1,897	50,000	60,567	73,921
49 Camera, photographic supply stores.....	710	1,112	3,030	28,810	32,343	202,099
50 Office, store machine and equipment dealers.....	3,498	3,600	2,347	262,199	149,216	109,507
51 All other retail stores.....	29,727	19,739	19,867	601,872	277,119	576,371

<sup>1</sup> Data for "Caterers" for 1929 and 1939 included with "Bakery products stores."<sup>2</sup> Not available.<sup>3</sup> Not separately classified in 1929 and 1939.<sup>4</sup> Comprises data for two 1939 classifications "Stationery stores" and "Office, store, school supply dealers."



OF BUSINESS: 1929, 1939, AND 1948—Continued

PAYROLL, ENTIRE YEAR (\$1,000)			NUMBER OF ACTIVE PROPRIETORS OF UNINCORPORATED BUSINESSES			NUMBER OF PAID EMPLOYEES, WORK-WEEK ENDED NEAREST NOV. 15				
1929	1939	1948	1929	1939	Nov. 1948	Total		Full workweek		
						1939	1948	1939	1948	
628,317	507,947	1,866,376	64,948	51,238	77,647	400,166	633,553	386,240	604,524	1
537,205	420,588	1,584,430	40,425	29,069	37,290	324,688	519,378	316,323	503,014	2
11,805	14,177	90,401	3,036	6,808	17,782	13,744	32,059	12,215	29,155	3
76,104	70,665	165,647	20,961	14,424	18,018	59,800	72,366	55,962	63,774	4
988	1,023	4,548	292	504	1,235	1,934	2,082	1,740	1,808	5
1,344	375	4,726	26	22	117		1,634		1,517	6
871	1,119	6,126	208	411	956		2,211		1,911	7
(2)	(2)	10,498	(2)	(2)	2,249	(2)	3,823	(2)	3,345	8
159,212	198,934	488,350	100,746	231,475	196,532	246,600	285,954	204,978	226,058	9
468,362	312,160	1,182,354	85,579	65,755	91,213	257,641	475,413	223,020	428,650	10
222,855	143,269	459,947	17,056	10,615	11,693	112,888	170,254	96,363	155,459	11
33,268	34,002	111,629	8,570	3,387	4,642	26,069	41,133	21,895	37,335	12
80,323	19,495	56,054	12,959	6,781	8,853	15,465	23,611	13,613	21,044	13
	18,924	115,964		3,644	7,741	16,258	44,094	13,459	39,443	14
23,539	4,938	18,170	4,895	1,708	3,301	4,043	7,940	3,401	6,902	15
73,272	63,679	244,093	27,692	28,709	36,017	57,998	113,165	52,008	98,311	16
35,105	27,853	176,497	14,407	10,911	18,966	24,920	75,216	22,281	70,156	17
195,742	172,733	468,485	57,415	49,673	51,825	192,296	282,891	158,240	211,988	18
136,915	137,994	343,709	33,034	33,257	30,552	158,674	214,191	131,073	160,276	19
		23,331			6,244		19,241		13,536	20
58,827	34,739	94,930	24,381	16,416	12,675	33,622	45,043	27,167	34,916	21
		6,515			2,354		4,413		3,260	22
-----	30,782	116,303	-----	13,670	29,637	27,065	52,404	23,901	43,939	23
20,163	20,758	39,557	16,099	24,014	17,265	24,132	20,652	19,448	17,266	24
3,959	3,061	5,551	6,042	7,882	6,720	4,285	3,843	3,238	2,942	25
4,685	6,888	8,804	3,145	6,814	2,593	8,616	4,349	7,326	3,752	26
1,109	922	4,240	2,697	3,430	3,489	1,836	3,391	1,265	2,717	27
320	488	617	172	578	383	449	300	373	225	28
4,331	4,357	8,736	1,599	1,252	1,453	3,080	3,237	2,802	2,890	29
5,759	5,042	11,609	2,444	4,058	2,627	5,866	5,532	4,444	4,740	30
565,161	407,609	1,037,262	171,906	154,825	154,950	362,444	469,266	300,387	401,859	31
101,158		176,130	14,787		12,674		73,682		64,063	32
20,189	109,910	19,203	2,942	34,784	2,798	102,037	9,128	79,460	7,569	33
(2)	13,873	69,088	(2)	2,426	3,893	9,847	25,040	8,620	23,289	34
45,745	33,949	129,412	22,523	13,953	15,363	36,368	60,011	30,605	54,300	35
15,294	13,447	27,077	5,818	4,074	3,001	13,104	12,381	10,288	10,902	36
69,560	53,965	178,306	19,982	13,077	20,424	37,609	68,898	34,245	62,054	37
18,283	13,932	47,504	2,451	2,156	2,359	13,038	23,836	11,050	20,880	38
26,817	19,003	46,659	3,671	4,441	3,802	15,257	20,088	13,601	17,603	39
7,066	6,653	28,766	1,917	2,393	7,173	5,348	12,693	4,756	10,765	40
1,332	630	2,733	1,203	937	1,813	796	1,586	632	1,229	41
30,760	22,641	53,497	10,015	16,074	15,840	22,561	30,619	18,898	23,292	42
34,235	14,085	32,689	33,982	16,748	14,098	14,449	16,560	11,739	13,506	43
14,890	6,335	17,632	8,608	6,038	5,914	11,725	15,886	6,624	9,178	44
6,653	5,548	17,005	5,445	7,227	13,109	6,438	13,829	4,836	9,340	45
8,915	11,049	45,380	1,943	2,534	5,864	8,566	19,249	7,682	16,941	46
4,556	2,601	8,406	1,255	606	1,176	2,012	3,721	1,809	3,264	47
10,132	11,919	18,886	2,687	5,412	1,431	7,844	6,287	7,054	5,957	48
4,251	4,086	22,231	653	982	2,875	3,300	9,594	3,069	8,463	49
58,086	29,049	17,085	1,730	2,850	2,382	20,398	7,652	19,395	6,854	50
87,239	34,934	79,573	30,294	18,113	18,961	31,747	38,526	26,024	32,410	51

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1948, Vol. III.

## No. 1067.—RETAIL STORES—SUMMARY,

DIVISION AND STATE	NUMBER OF STORES			SALES, ENTIRE YEAR (\$1,000)			ACTIVE PROPRIETORS <sup>1</sup> (number)	
	1929	1939	1948	1929	1939	1948	1939	Nov. 1948
<b>United States</b> .....	1,476,365	1,770,355	1,769,540	48,329,652	42,041,790	130,520,548	1,613,673	1,742,046
<b>New England</b> .....	104,618	121,888	115,219	3,732,087	3,318,214	8,557,443	101,716	99,626
Maine.....	10,453	13,455	11,843	300,010	281,356	755,651	11,821	10,782
New Hampshire.....	6,181	7,435	7,541	180,248	183,100	470,742	6,600	6,938
Vermont.....	4,831	5,423	5,075	148,281	123,369	337,804	4,942	4,567
Massachusetts.....	52,661	59,217	53,902	2,031,839	1,737,680	4,302,147	47,538	42,608
Rhode Island.....	9,155	10,485	10,371	313,978	275,447	716,064	9,100	9,687
Connecticut.....	21,337	25,873	26,487	757,731	717,262	1,975,035	21,715	25,044
<b>Middle Atlantic</b> .....	372,026	412,819	395,268	12,527,976	10,291,937	28,175,162	376,068	389,727
New York.....	183,615	209,425	196,282	6,968,931	5,578,159	14,626,526	191,259	190,977
New Jersey.....	57,780	68,851	69,090	1,811,257	1,580,401	4,479,205	59,277	67,487
Pennsylvania.....	130,631	134,543	129,896	3,747,788	3,133,377	9,069,431	125,532	131,263
<b>East North Central</b> .....	304,986	364,508	350,319	11,113,186	9,251,114	28,901,766	332,029	351,815
Ohio.....	80,155	93,041	86,971	2,829,354	2,441,293	7,373,173	82,712	83,610
Indiana.....	39,402	47,317	44,754	1,200,458	1,066,383	3,532,337	44,003	45,309
Illinois.....	93,432	109,132	103,405	3,658,560	2,857,646	8,805,257	100,099	105,363
Michigan.....	53,952	67,414	68,689	2,202,405	1,820,798	5,950,278	61,129	71,579
Wisconsin.....	38,045	47,604	46,500	1,222,409	1,064,994	3,240,721	44,086	45,954
<b>West North Central</b> .....	161,393	197,909	179,246	5,178,845	4,138,883	13,268,206	185,927	179,339
Minnesota.....	29,206	40,448	35,241	1,036,012	1,017,195	2,906,062	38,932	34,965
Iowa.....	30,933	39,024	33,725	956,008	822,905	2,556,224	37,111	34,412
Missouri.....	44,586	53,196	50,616	1,422,449	1,102,503	3,568,337	49,328	50,014
North Dakota.....	7,611	8,549	8,201	230,602	156,137	608,182	7,818	8,279
South Dakota.....	8,330	9,817	8,993	249,935	169,396	622,192	8,954	8,616
Nebraska.....	16,682	19,330	16,873	553,611	397,196	1,317,813	18,004	17,135
Kansas.....	24,045	27,545	25,597	730,228	473,551	1,689,396	25,780	25,918
<b>South Atlantic</b> .....	162,295	199,371	222,848	4,138,337	4,368,947	14,772,800	174,561	211,034
Delaware.....	3,527	4,544	4,433	101,861	110,052	382,305	4,001	4,155
Maryland.....	20,371	25,566	25,037	610,967	619,273	1,914,689	23,774	25,240
District of Columbia.....	5,815	6,893	7,094	332,393	402,768	1,111,643	5,498	6,437
Virginia.....	25,036	29,610	32,124	591,763	628,172	2,227,407	25,389	30,073
West Virginia.....	16,501	18,928	21,265	441,072	403,989	1,287,983	16,202	19,527
North Carolina.....	27,660	33,826	40,880	642,550	633,240	2,248,660	29,890	38,994
South Carolina.....	14,452	18,520	20,970	296,674	332,224	1,148,179	15,759	19,190
Georgia.....	27,640	32,870	35,655	627,171	624,765	2,111,539	28,797	33,362
Florida.....	21,293	28,614	35,390	493,886	614,464	2,340,395	25,251	34,056
<b>East South Central</b> .....	85,315	101,065	112,879	2,137,499	1,845,037	6,417,719	93,025	111,053
Kentucky.....	25,927	30,919	29,890	577,929	520,135	1,682,087	28,970	29,986
Tennessee.....	22,368	28,198	32,692	632,612	606,489	2,088,439	25,980	32,390
Alabama.....	20,456	23,916	28,756	518,972	435,973	1,638,859	21,715	27,976
Mississippi.....	16,564	18,032	21,541	407,986	282,440	1,008,334	16,360	20,701
<b>West South Central</b> .....	128,542	159,768	169,520	3,654,572	3,101,358	10,923,488	148,785	165,469
Arkansas.....	17,167	20,328	22,243	406,206	298,301	1,083,262	19,071	22,517
Louisiana.....	22,559	25,469	29,679	469,755	486,250	1,681,334	22,845	28,312
Oklahoma.....	25,984	28,722	26,924	781,121	513,091	1,640,015	27,221	27,046
Texas.....	62,832	85,249	90,674	1,997,490	1,803,716	6,518,877	79,648	87,594
<b>Mountain</b> .....	42,022	57,459	59,861	1,515,313	1,427,541	4,665,554	53,112	60,561
Montana.....	6,521	8,481	8,108	238,293	222,008	602,623	7,867	8,304
Idaho.....	4,624	6,804	7,323	165,352	175,873	581,844	6,223	7,128
Wyoming.....	2,837	4,113	3,869	101,457	100,233	309,199	3,863	4,037
Colorado.....	13,139	16,785	15,426	457,413	409,103	1,257,095	15,770	16,010
New Mexico.....	3,941	6,617	7,842	116,833	125,765	477,553	6,139	7,934
Arizona.....	4,766	6,242	8,043	193,818	162,003	657,557	5,726	7,984
Utah.....	4,964	6,372	6,840	193,286	170,728	578,767	5,520	6,682
Nevada.....	1,230	2,045	2,410	48,861	61,828	200,916	2,004	2,482
<b>Pacific</b> .....	115,168	155,568	164,380	4,331,837	4,298,759	14,838,410	148,450	173,422
Washington.....	20,836	26,682	25,731	745,891	668,790	2,221,306	24,798	25,819
Oregon.....	13,544	16,458	17,538	443,303	442,160	1,597,300	15,757	19,678
California.....	80,788	112,428	121,111	3,142,643	3,187,809	11,019,804	107,895	127,925

<sup>1</sup> Of unincorporated businesses.



BY STATES: 1929, 1939, AND 1948

UNPAID FAMILY WORKERS, <sup>1</sup> (number)		PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15				PAYROLL, ENTIRE YEAR (\$1,000)			DIVISION AND STATE
		Total (number)		Full workweek (number)					
1939	Nov. 1948	1939	1948	1939	1948	1929	1939	1948	
923,878	930,546	4,821,806	6,918,061	3,870,195	5,608,398	5,044,128	4,529,499	13,567,997	U. S.
46,589	46,086	372,799	474,335	296,923	375,391	411,822	377,957	921,493	N. E.
5,567	5,566	28,093	38,025	22,945	30,626	26,895	26,079	66,500	Maine.
3,007	3,514	18,198	24,178	14,851	19,128	16,215	17,322	43,575	N. H.
2,259	2,092	12,174	16,065	9,854	13,070	12,210	10,707	28,516	Vt.
20,632	19,600	210,116	258,057	164,550	202,902	236,296	212,966	498,926	Mass.
4,318	4,777	31,174	39,448	24,322	31,283	35,203	30,978	73,398	R. I.
10,806	10,537	73,044	98,562	60,401	78,382	85,003	79,905	210,578	Conn.
224,795	196,084	1,113,886	1,475,414	917,991	1,206,371	1,362,975	1,170,430	3,064,036	M. A.
106,507	85,998	587,180	752,941	495,744	624,585	773,333	660,093	1,664,257	N. Y.
37,366	35,323	158,377	208,758	128,421	169,359	187,635	171,619	453,177	N. J.
80,922	74,763	368,329	513,715	293,826	412,427	402,007	338,718	946,602	Pa.
192,209	181,351	1,085,879	1,549,997	854,247	1,201,486	1,217,620	1,028,315	3,098,088	E. N. C.
49,139	44,541	282,963	406,655	224,852	321,980	310,955	271,073	807,165	Ohio.
23,643	21,754	129,757	192,403	101,990	151,153	122,122	110,895	360,752	Ind.
54,853	53,046	353,486	474,493	278,844	365,687	428,553	339,072	979,688	Ill.
36,708	34,470	208,645	305,580	165,837	239,842	237,340	204,026	640,904	Mich.
27,866	27,540	111,028	170,866	82,724	122,824	118,650	103,249	309,579	Wis.
99,675	91,444	479,424	690,177	376,166	547,978	482,899	401,238	1,246,506	W. N. C.
20,372	17,573	109,539	154,414	86,635	119,011	101,246	104,204	291,912	Minn.
16,958	16,266	92,137	126,954	70,383	99,781	83,502	72,514	224,824	Iowa.
28,315	27,013	139,851	200,211	112,055	162,891	148,283	119,237	365,886	Mo.
4,307	3,993	16,025	27,290	12,675	21,718	17,487	12,960	48,946	N. Dak.
4,870	5,066	17,798	29,520	13,849	22,782	19,822	13,592	49,604	S. Dak.
10,658	8,112	45,818	64,595	35,623	51,418	48,188	36,221	113,462	Nebr.
14,195	13,421	58,256	87,193	44,946	70,377	64,371	42,510	151,872	Kans.
104,071	125,676	551,696	839,638	443,203	699,241	407,206	447,647	1,478,717	S. A.
2,460	2,274	11,499	16,572	9,367	14,102	9,551	11,168	33,990	Del.
14,069	13,268	75,468	109,791	61,227	91,306	62,764	66,079	203,680	Md.
2,838	2,461	50,838	69,943	43,365	59,246	43,306	56,007	148,875	D. C.
14,687	16,842	79,147	124,313	64,443	103,830	59,659	63,867	214,095	Va.
10,694	13,610	44,942	68,265	36,075	57,414	40,968	38,263	118,075	W. Va.
16,464	24,698	85,147	131,948	63,691	105,361	56,123	60,052	212,626	N. C.
9,203	12,149	43,997	64,523	33,113	50,490	25,316	29,093	98,596	S. C.
17,124	20,010	83,346	122,818	67,229	102,308	58,792	58,874	202,198	Ga.
16,532	20,364	77,312	131,465	64,693	115,184	50,727	64,244	246,582	Fla.
61,448	74,093	224,191	352,941	179,940	290,426	187,323	162,575	558,992	E. S. C.
20,982	19,409	57,636	86,988	46,042	70,903	51,667	46,090	147,953	Ky.
15,841	20,212	76,897	118,800	61,765	98,961	59,144	55,924	190,591	Tenn.
14,436	19,484	54,774	91,842	44,551	75,198	46,791	37,826	139,586	Ala.
10,189	14,988	34,884	55,311	27,582	45,364	29,721	22,735	80,862	Miss.
92,331	107,669	387,347	589,937	319,812	501,060	336,029	293,418	1,011,096	W. S. C.
12,268	14,879	35,560	54,451	28,016	45,516	31,986	23,775	85,176	Ark.
15,887	19,975	66,893	97,939	58,223	85,630	47,698	49,000	162,387	La.
18,079	16,683	62,774	88,224	50,302	73,234	71,931	48,953	151,803	Okla.
46,097	56,132	222,120	349,323	183,271	296,680	184,414	171,690	611,730	Tex.
29,740	33,261	151,609	234,378	121,808	192,425	150,639	145,205	468,530	Mt.
3,542	3,387	20,714	28,696	16,530	23,282	22,493	21,505	57,059	Mont.
3,763	3,951	17,499	26,087	13,668	21,657	14,889	16,189	54,487	Idaho.
1,906	2,164	9,019	14,200	7,397	11,823	9,429	9,346	28,965	Wyo.
8,240	7,862	46,616	67,415	38,314	54,979	49,100	43,503	130,759	Colo.
4,388	5,709	13,813	24,293	11,341	20,693	9,935	11,596	43,338	N. Mex.
3,744	5,431	17,524	32,659	14,144	27,766	18,938	17,119	70,152	Ariz.
3,136	3,570	20,397	31,874	15,672	24,467	20,958	18,743	61,199	Utah.
1,021	1,187	6,027	9,154	4,742	7,758	4,897	7,204	22,571	Nev.
73,020	74,882	454,975	711,244	360,105	594,020	487,615	502,714	1,720,539	Pac.
12,199	12,810	69,771	105,688	52,614	84,833	80,639	75,405	247,652	Wash.
8,192	8,201	43,909	71,341	34,295	60,637	46,167	44,154	156,755	Oreg.
52,629	53,871	341,295	534,215	273,196	448,550	360,809	383,155	1,316,132	Calif.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. III.

# No. 1068.—RETAIL STORES—NUMBER AND SALES, FOR SPECIFIED METROPOLITAN AREAS: 1948

[Listed in order of 1948 sales volume. For definition of metropolitan areas, see table 13]

METROPOLITAN AREA	Sales, entire year (\$1,000)	Stores (number)	Per capita sales <sup>1</sup> (dollars)	METROPOLITAN AREA	Sales, entire year (\$1,000)	Stores (number)	Per capita sales <sup>1</sup> (dollars)
United States, total.....	130,520,548	1,769,540	867	Wilkes-Barre-Hazleton (Pa.) area.....	305,435	6,350	781
<b>Total, 147 areas.....</b>	<b>80,898,778</b>	<b>932,124</b>	<b>987</b>	Sacramento (Calif.) area.....	297,303	2,921	1,079
Percent of United States total.....	62.0	52.7		Grand Rapids (Mich.) area.....	296,140	3,051	1,032
New York-Northeastern				Fresno (Calif.) area.....	285,519	3,218	1,041
New Jersey area.....	12,652,074	171,105	986	San Jose (Calif.) area.....	279,967	2,840	969
Chicago (Ill.) area.....	5,989,723	62,030	1,094	Nashville (Tenn.) area.....	278,083	3,032	868
Los Angeles (Calif.) area.....	4,721,241	49,133	1,088	Wilmington (Del.) area.....	276,834	3,382	1,036
Philadelphia (Pa.) area.....	3,345,506	45,508	914	Jacksonville (Fla.) area.....	272,034	3,153	899
Detroit (Mich.) area.....	3,014,275	28,189	1,014	Wheeling (W. Va.)-Steubenville (Ohio) area.....	268,024	4,193	759
San Francisco-Oakland (Calif.) area.....	2,366,588	25,069	1,069	Canton (Ohio) area.....	268,010	3,054	950
Boston (Mass.) area.....	2,261,260	24,417	960	Des Moines (Iowa) area.....	267,871	2,337	1,191
Pittsburgh (Pa.) area.....	1,985,201	23,341	900	Salt Lake City (Utah) area.....	267,573	2,433	976
St. Louis (Mo.) area.....	1,567,167	19,843	936	Bridgeport (Conn.) area.....	266,455	3,318	1,031
Cleveland (Ohio) area.....	1,523,834	15,630	1,048	Harrisburg (Pa.) area.....	265,132	3,650	911
Washington (D. C.) area.....	1,485,845	10,171	1,019	Worcester (Mass.) area.....	265,030	3,058	967
Minneapolis-St. Paul (Minn.) area.....	1,263,527	10,227	1,141	New Haven (Conn.) area.....	262,070	3,833	1,000
Baltimore (Md.) area.....	1,227,103	15,342	929	Charleston (W. Va.) area.....	259,302	3,286	812
Buffalo (N. Y.) area.....	1,027,228	14,252	946	Utica-Rome (N. Y.) area.....	258,150	4,078	910
Kansas City (Mo.) area.....	990,626	8,962	1,226	Tulsa (Okla.) area.....	254,405	2,677	1,023
Milwaukee (Wis.) area.....	926,279	9,792	1,072	Knoxville (Tenn.) area.....	250,505	3,012	746
Cincinnati (Ohio) area.....	879,847	10,114	980	Davenport (Iowa)-Rock Island-Moline (Ill.) area.....	246,739	2,632	1,059
Houston (Tex.) area.....	818,603	8,018	1,021	Flint (Mich.) area.....	246,724	2,794	914
Portland (Oreg.) area.....	772,318	7,382	1,101	San Bernardino (Calif.) area.....	246,338	3,581	879
Seattle (Wash.) area.....	753,744	7,862	1,038	Trenton (N. J.) area.....	242,259	3,194	1,056
Dallas (Tex.) area.....	704,804	5,986	1,154	Peoria (Ill.) area.....	242,133	2,613	969
Atlanta (Ga.) area.....	675,307	5,792	1,017	Duluth (Minn.)-Superior (Wis.) area.....	238,859	3,281	949
Providence (R. I.) area.....	671,380	9,390	916	Reading (Pa.) area.....	230,547	3,741	904
Indianapolis (Ind.) area.....	627,565	5,294	1,143	Wichita (Kans.) area.....	225,074	2,414	1,022
Denver (Colo.) area.....	594,701	5,422	1,061	Spokane (Wash.) area.....	223,147	2,173	1,014
Miami (Fla.) area.....	581,134	6,799	1,189	Tacoma (Wash.) area.....	218,285	2,612	791
Albany-Schenectady-Troy (N. Y.) area.....	562,302	6,763	1,097	South Bend (Ind.) area.....	217,908	2,164	1,064
New Orleans (La.) area.....	553,211	7,750	812	Stamford-Norwalk (Conn.) area.....	217,066	2,574	1,117
Louisville (Ky.) area.....	517,109	5,727	900	Lancaster (Pa.) area.....	215,371	2,872	920
San Diego (Calif.) area.....	507,440	5,711	947	Erie (Pa.) area.....	215,241	2,527	986
Columbus (Ohio) area.....	506,564	4,700	1,009	Johnstown (Pa.) area.....	210,329	3,080	724
Rochester (N. Y.) area.....	491,277	5,472	1,013	Scranton (Pa.) area.....	205,268	3,811	801
Memphis (Tenn.) area.....	485,432	4,153	1,011	Stockton (Calif.) area.....	202,242	2,260	1,009
Youngstown (Ohio) area.....	468,623	5,383	890	Chattanooga (Tenn.) area.....	197,849	2,717	806
Dayton (Ohio) area.....	446,616	3,962	986	Beaumont-Port Arthur (Tex.) area.....	193,671	2,447	998
Toledo (Ohio) area.....	442,946	4,170	1,128	Fort Wayne (Ind.) area.....	193,390	1,774	1,057
Birmingham (Ala.) area.....	441,752	5,157	797	Lansing (Mich.) area.....	184,141	1,582	1,068
Akron (Ohio) area.....	403,116	3,884	988	Charlotte (N. C.) area.....	183,964	1,642	938
Fort Worth (Tex.) area.....	402,391	3,873	1,120	Binghamton (N. Y.) area.....	181,878	2,017	985
Allentown-Bethlehem-Easton (Pa.) area.....	401,807	5,972	924	Greensboro-High Point (N. C.) area.....	177,448	1,810	933
Hartford (Conn.) area.....	396,377	3,924	1,113	Huntington (W. Va.)-Ashland (Ky.) area.....	174,853	2,628	712
San Antonio (Tex.) area.....	392,717	5,038	792	Little Rock (Ark.) area.....	174,746	2,311	906
Springfield-Holyoke (Mass.) area.....	389,191	4,780	957	Atlantic City (N. J.) area.....	173,260	2,986	1,304
Omaha (Nebr.) area.....	383,009	3,530	1,057	Madison (Wis.) area.....	172,953	1,860	1,026
Tampa-St. Petersburg (Fla.) area.....	364,475	5,193	897	York (Pa.) area.....	172,775	2,689	853
Syracuse (N. Y.) area.....	353,617	3,787	1,037	Shreveport (La.) area.....	170,289	1,743	975
Norfolk-Portsmouth (Va.) area.....	347,279	4,216	848	Mobile (Ala.) area.....	169,797	2,227	742
Richmond (Va.) area.....	339,794	3,153	1,040	Rockford (Ill.) area.....	163,760	1,673	1,078
Oklahoma City (Okla.) area.....	317,913	3,539	986	El Paso (Tex.) area.....	159,834	1,941	808
Phoenix (Ariz.) area.....	311,336	3,472	946	Evansville (Ind.) area.....	149,941	1,636	947
				Springfield (Ill.) area.....	143,875	1,565	1,101

<sup>1</sup> Per capita sales is ratio of 1948 sales to "advance" 1950 population estimates.



No. 1068.—RETAIL STORES—NUMBER AND SALES, FOR SPECIFIED METROPOLITAN AREAS: 1948—Continued

METROPOLITAN AREA	Sales, entire year (\$1,000)	Stores (number)	Per capita sales <sup>1</sup> (dollars)	METROPOLITAN AREA	Sales, entire year (\$1,000)	Stores (number)	Per capita sales <sup>1</sup> (dollars)
Corpus Christi (Tex.) area	141,350	1,819	859	Brockton (Mass.) area	115,163	1,530	891
Waterbury (Conn.) area	141,237	2,021	914	Racine (Wis.) area	114,884	1,450	1,053
Austin (Tex.) area	138,692	1,539	865	Waco (Tex.) area	114,536	1,659	891
Baton Rouge (La.) area	134,751	1,587	861	Charleston (S. C.) area	113,208	1,834	708
Portland (Maine) area	134,179	1,356	1,127	Altoona (Pa.) area	113,101	1,628	814
Hamilton-Middletown (Ohio) area	132,802	1,542	905	Jackson (Miss.) area	112,765	1,273	797
Saginaw (Mich.) area	132,435	1,522	866	Montgomery (Ala.) area	109,527	1,261	796
Roanoke (Va.) area	130,719	1,251	984	Augusta (Ga.) area	106,896	1,760	659
New Britain-Bristol (Conn.) area	127,720	1,862	873	Columbus (Ga.) area	106,607	1,644	627
Sioux City (Iowa) area	125,931	1,293	1,211	Springfield (Ohio) area	105,634	1,168	952
Lincoln (Nebr.) area	124,734	1,091	1,055	Decatur (Ill.) area	105,627	1,064	1,053
Kalamazoo (Mich.) area	122,824	1,249	975	Terre Haute (Ind.) area	104,944	1,376	1,000
Savannah (Ga.) area	120,765	2,030	800	Lowell (Mass.) area	104,640	1,464	788
Columbia (S. C.) area	120,446	1,471	849	Raleigh (N. C.) area	104,098	1,382	766
New Bedford (Mass.) area	120,216	1,884	875	Springfield (Mo.) area	99,815	1,381	959
Cedar Rapids (Iowa) area	118,353	1,097	1,141	Topeka (Kans.) area	99,627	1,196	954
Fall River (Mass.) area	117,211	1,813	856	Macon (Ga.) area	97,239	1,313	723
Muskegon (Mich.) area	116,628	1,382	966	Winston-Salem (N. C.) area	97,003	1,319	669
Galveston (Tex.) area	116,620	1,524	1,039	Asheville (N. C.) area	91,799	1,261	749
Lawrence (Mass.) area	115,662	1,769	921	Durham (N. C.) area	90,125	995	896
				St. Joseph (Mo.) area	89,798	1,186	959
				Manchester (N. H.) area	89,497	1,052	1,015

<sup>1</sup> Per capita sales is ratio of 1948 sales to "advance" 1950 population estimates.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. III.

No. 1069.—RETAIL STORES—NUMBER AND SALES, BY SIZE OF STORE: 1929, 1939, AND 1948

ANNUAL SALES GROUP AND YEAR		STORES		SALES	
		Number	Percent	Amount (\$1,000)	Percent
\$300,000 or more:	1929	15,029	1.0	12,323,766	25.5
	1939	12,630	.7	9,855,631	23.4
	1948	67,615	3.8	54,674,754	41.9
\$100,000 to \$299,999:	1929	62,009	4.2	9,786,669	20.2
	1939	50,097	2.8	7,955,285	18.9
	1948	194,829	11.0	31,871,978	24.4
\$50,000 to \$99,999:	1929	127,148	8.6	8,631,797	17.9
	1939	93,318	5.3	6,394,703	15.2
	1948	298,555	16.9	20,854,524	16.0
\$30,000 to \$49,999:	1929	173,269	11.7	6,617,169	13.7
	1939	133,221	7.5	5,077,007	12.1
	1948	296,899	16.8	11,491,605	8.8
\$10,000 to \$29,999:	1929	468,885	31.8	8,349,491	17.3
	1939	522,117	29.5	8,938,632	21.3
	1948	519,258	29.3	9,826,110	7.5
Less than \$10,000:	1929	630,025	42.7	2,620,760	5.4
	1939	958,972	54.2	3,820,532	9.1
	1948	392,384	22.2	1,801,577	1.4

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. I.

# No. 1070.—RETAIL TRADE—WAREHOUSES AND ADMINISTRATIVE OFFICES, SUMMARY, BY KIND OF BUSINESS: 1948

[Warehouses and administrative offices operated primarily in connection with retail stores]

KIND OF BUSINESS	WAREHOUSES				ADMINISTRATIVE OFFICES AND AUXILIARY UNITS			
	Total	Payroll, entire year	Paid employees, workweek ended nearest Nov. 15		Total	Payroll, entire year	Paid employees, workweek ended nearest Nov. 15	
			Total	Full work- week			Total	Full work- week
United States.....	Number 1,080	\$1,000 480,081	Number 133,072	Number 125,197	Number 697	\$1,000 138,081	Number 32,182	Number 31,512
Food group.....	369	205,642	57,445	54,418	94	26,513	6,096	5,996
Eating and drinking places.....	40	6,668	1,851	1,699	81	14,908	3,435	3,339
General stores.....	4	987	319	293	5	338	73	73
General merchandise group.....	117	136,233	35,509	33,658	80	31,982	6,119	6,063
Apparel group.....	270	68,751	18,983	17,116	191	17,483	4,463	4,245
Furniture, furnishings, appliance group.....	49	9,668	2,918	2,761	46	9,024	2,205	2,146
Automotive group.....	26	4,625	1,181	1,130	6	3,615	1,148	1,144
Gasoline service stations.....	11	828	227	223	37	5,228	1,210	1,194
Lumber, building, hardware group.....	23	2,552	681	673	82	12,622	2,358	2,326
Fruit and proprietary stores.....	97	29,517	8,904	8,281	10	4,388	1,120	1,117
Liquor stores.....	31	3,844	1,547	1,455	7	3,202	1,366	1,356
Other retail stores.....	43	10,766	3,507	3,490	58	8,778	2,589	2,513

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. III.

# No. 1071.—RETAIL STORES—NUMBER AND SALES, BY KIND OF BUSINESS, FOR SINGLE AND MULTIUNITS AND SELECTED TYPES OF OPERATION: 1948

KIND OF BUSINESS	STORES				SALES, ENTIRE YEAR			
	Total	Single units	2 or 3 store multi- units	4 or more store multi- units	Total	Single units	2 or 3 store multi- units	4 or more store multi- units
	Number 1,769,540	Number 1,606,885	Number 57,547	Number 105,108	\$1,000 130,520,548	\$1,000 91,829,227	\$1,000 8,954,751	\$1,000 29,736,570
Food group.....	504,439	462,026	9,839	32,574	30,965,674	19,228,648	1,244,263	10,492,763
Eating and drinking places.....	346,556	333,619	6,804	6,133	10,683,324	9,510,388	431,096	741,840
General merchandise group, general stores.....	74,101	57,122	3,570	13,409	17,134,718	6,650,571	1,554,330	8,929,817
Apparel group.....	115,246	91,596	9,135	14,515	9,803,218	5,954,132	1,120,487	2,728,599
Furniture, furnishings, appli- ance group.....	85,585	74,469	5,085	6,031	6,914,179	5,140,919	745,859	1,027,401
Automotive group.....	86,162	78,506	3,973	3,683	20,104,054	17,922,669	1,440,404	740,981
Gasoline service stations.....	188,253	179,917	2,891	5,445	6,483,301	5,806,236	206,691	470,374
Lumber, building, hardware group.....	98,938	86,182	4,805	7,951	11,151,470	8,690,600	902,565	1,558,305
Drug and proprietary stores.....	55,796	49,744	2,337	3,715	4,013,231	2,900,271	244,357	868,603
Other retail stores.....	214,464	193,704	9,108	11,652	13,267,379	10,024,793	1,064,699	2,177,887

KIND OF BUSINESS	CONSUMER COOPERATIVES		FARM COOPERATIVE STORES		MAIL ORDER HOUSES		DIRECT SELLING (house to house) organizations	
	Stores	Sales, entire year	Stores	Sales, entire year	Estab- lish- ments	Sales, entire year	Estab- lish- ments	Sales, entire year
	Number 728	\$1,000 108,529	Number 3,670	\$1,000 958,312	Number 880	\$1,000 1,485,352	Number 3,451	\$1,000 634,763
Food group.....	402	48,629	384	91,234	54	5,602	414	112,806
Eating and drinking places.....	41	6,122	42	1,740	-----	-----	-----	-----
General merchandise group, general stores.....	46	10,278	148	26,723	60	1,300,867	313	33,290
Apparel group.....	9	1,483	-----	-----	106	47,287	264	33,186
Furniture, furnishings, appliance group.....	18	729	14	1,295	50	11,138	1,355	304,852
Automotive group.....	12	6,243	16	1,481	10	2,236	-----	-----
Gasoline service stations.....	97	11,501	723	96,440	-----	-----	-----	-----
Lumber, building, hardware group.....	18	5,690	243	38,724	18	6,024	-----	-----
Drug and proprietary stores.....	11	921	-----	-----	23	925	9	58
Other retail stores.....	74	16,933	2,100	700,675	559	111,273	1,096	150,571

Source: Dept. of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vols. I and II, and records.



NO. 1072.—DEPARTMENT STORE SALES AND STOCKS—INDEXES, BY FEDERAL RESERVE DISTRICT: 1919 TO 1954

[1947-49 average=100. Based on retail value figures. All monthly data adjusted for seasonal variation and sales data also adjusted for number of trading days]

YEAR OR MONTH	United States	FEDERAL RESERVE DISTRICT											
		Boston	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	St. Louis	Minneapolis	Kansas City	Dallas	San Francisco
SALES													
1919	27	37	34	40	27	21	20			37		21	18
1920	32	42	41	47	34	23	24			42		26	22
1925	36	48	47	50	35	26	22	35	36	41	38	23	20
1930	35	47	51	44	34	26	22	35	33	35	34	22	28
1935	29	35	38	34	28	25	19	30	25	30	27	19	24
1940	37	42	43	41	38	34	29	40	35	36	34	27	33
1944	62	66	61	62	61	65	61	62	61	57	64	58	65
1945	70	72	70	68	68	73	70	68	70	66	72	66	72
1946	90	92	91	87	88	92	90	89	90	88	90	85	91
1947	98	99	99	96	97	97	96	99	97	98	98	94	99
1948	104	102	103	104	105	103	103	104	104	104	103	105	104
1949	98	99	98	100	98	100	101	97	98	99	99	102	98
1950	105	103	101	106	105	105	109	104	104	105	108	113	105
1951	109	105	105	109	111	113	115	108	107	104	111	117	109
1952	110	104	101	109	110	118	124	106	110	104	113	124	114
1953	112	105	102	111	113	121	126	111	112	104	112	125	115
1954	111	107	103	109	105	121	128	109	112	104	115	125	113
January	107	105	101	106	104	109	122	106	108	104	110	118	109
February	109	109	102	109	104	116	123	108	112	108	110	121	107
March	105	102	99	106	92	120	117	102	109	95	104	115	111
April	111	105	100	110	104	122	128	111	115	101	115	123	111
May	108	102	100	105	98	115	122	108	106	104	110	123	114
June	112	106	102	109	107	120	129	110	122	103	117	127	114
July	111	107	101	109	105	117	132	106	112	105	121	132	115
August	112	104	105	107	108	120	131	108	110	105	116	127	115
September	108	109	102	107	101	115	121	106	104	101	110	114	110
October	113	110	105	105	106	124	138	111	112	106	118	129	116
November	114	110	105	111	109	124	135	110	115	104	116	130	114
December	117	111	105	113	116	133	136	115	118	113	113	134	118
STOCKS													
1919	37	53	44		37		29			48		34	27
1920	48	62	60		51		38			59		46	35
1925	48	64	58	76	50	35	33	43	55	56	59	40	36
1930	44	56	58	58	45	32	30	44	46	41	52	29	36
1935	31	43	40	40	31	26	22	30	33	32	32	23	26
1940	38	47	44	42	39	33	29	38	39	39	36	29	34
1944	58	68	65	62	57	59	51	55	56	58	55	48	54
1945	59	71	69	64	59	62	53	55	58	57	56	52	56
1946	77	85	85	81	78	80	75	73	77	74	74	69	73
1947	93	95	98	93	93	94	90	89	93	91	93	89	93
1948	107	105	105	107	107	105	108	111	102	110	108	110	107
1949	100	100	97	99	100	101	102	100	96	100	100	101	100
1950	109	109	105	108	106	113	120	110	107	104	113	112	110
1951	129	124	124	127	128	133	140	128	128	117	132	132	131
1952	118	111	113	113	111	130	135	115	117	107	124	126	125
1953	126	116	116	119	119	143	146	123	126	115	136	137	133
1954	122	117	113	116	115	138	140	121	118	114	133	130	125
January	119	114	110	115	115	132	142	117	117	106	129	125	123
February	118	112	107	113	113	131	141	117	113	110	128	128	121
March	121	118	111	113	112	136	141	122	120	111	131	127	124
April	120	117	112	114	113	136	135	122	116	111	128	130	116
May	121	120	115	116	117	137	137	122	118	111	128	128	119
June	122	117	114	117	115	139	135	122	119	112	133	131	122
July	124	116	117	116	117	139	137	122	129	113	136	133	129
August	124	119	115	115	116	139	136	124	119	119	141	132	129
September	125	118	115	117	115	141	143	124	120	123	138	134	128
October	124	116	116	116	116	147	141	122	115	120	134	132	128
November	124	118	113	118	115	145	144	122	116	120	135	129	130
December	124	118	113	121	120	137	143	122	117	118	134	133	129

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## No. 1073.—DEPARTMENT STORE MERCHANDISING SUMMARY: 1939 TO 1954

[In millions of dollars, except ratios. These figures are actual dollar amounts reported by a group of department stores located in various cities throughout the country and are *not* estimates for all department stores. Receipts of goods are derived from reported figures on sales and stocks. New orders are derived from receipts and reported figures on outstanding orders]

MONTHLY AVERAGE	Sales (total for month)	Stocks (end of month)	Outstand- ing orders (end of month)	Re- ceipts (total for month)	New orders (total for month)	RATIOS				
						Stocks to sales	Out- stand- ing orders to sales	Out- stand- ing orders to stocks	Stocks plus out- standing orders to sales	Re- ceipts to sales
1939-----	139	369	( <sup>1</sup> )	141	( <sup>1</sup> )	2.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.0
1940-----	147	379	115	148	( <sup>1</sup> )	2.7	0.8	0.3	3.6	1.0
1941-----	169	450	206	179	184	2.8	1.3	0.5	4.0	1.1
1942-----	194	643	280	197	208	3.5	1.5	0.4	5.1	1.1
1943-----	221	546	563	220	242	2.6	2.7	1.0	5.2	1.0
1944-----	246	574	596	244	256	2.4	2.5	1.0	5.0	1.0
1945-----	276	604	775	277	291	2.3	3.0	1.3	5.3	1.0
1946-----	345	767	964	373	354	2.3	3.0	1.3	5.3	1.1
1947-----	365	887	588	366	364	2.5	1.7	0.7	4.3	1.0
1948-----	381	979	494	386	363	2.7	1.4	0.5	4.1	1.0
1949-----	361	925	373	358	358	2.7	1.1	0.4	3.8	1.0
1950-----	376	1,012	495	391	401	2.8	1.4	0.5	4.2	1.1
1951-----	391	1,202	460	390	379	3.2	1.3	0.4	4.4	1.0
1952-----	397	1,097	435	397	401	2.9	1.2	0.4	4.1	1.0
1953-----	402	1,163	421	408	401	3.0	1.1	0.4	4.1	1.0
1954-----	407	1,136	387	407	409	3.0	1.0	0.3	4.0	1.0

<sup>1</sup> Not available.

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

## No. 1074.—MERCHANT WHOLESALERS—NUMBER OF ESTABLISHMENTS AND SALES, 1948 AND 1953, AND SELECTED DATA, 1953, BY KIND OF BUSINESS

[1953 figures based on sample; see source for sampling variability. Represents all merchant wholesalers with one or more paid employees]

KIND OF BUSINESS	ESTABLISH- MENTS, END OF YEAR		SALES, ENTIRE YEAR		Stocks on hand, end of 1953, at cost	Receiv- ables, end of 1953	Bad debt losses, 1953	Operat- ing ex- penses, 1953
	1948	1953	1948	1953				
	Num- ber	Num- ber	Mil. dol.	Mil. dol.				
<b>Total</b> -----	128,227	144,506	78,524	96,373	9,801	7,462	\$1,000 130,380	Mil. dol. 12,431
Grocery, confectionery, meat wholesalers-----	15,363	15,731	11,220	14,620	1,068	686	13,607	1,244
Edible farm products distributors-----	11,909	12,469	7,382	8,783	199	472	10,011	1,313
Beer, wine, distilled spirits wholesalers-----	6,610	6,420	4,038	5,095	522	343	3,247	598
Drugs, chemicals, allied products whole- salers-----	4,037	5,152	2,258	3,128	380	288	3,845	520
Tobacco distributors-----	2,667	2,615	2,481	2,936	131	108	1,461	145
Dry goods, apparel wholesalers-----	9,460	10,006	5,588	5,952	905	668	9,518	842
Furniture, home furnishings wholesalers-----	3,126	3,539	1,293	1,578	246	187	3,868	294
Paper, allied products wholesalers-----	3,596	4,346	1,886	2,640	266	264	3,073	395
Inedible farm products merchants-----	2,009	2,543	6,745	7,904	696	171	1,581	311
Automotive wholesalers-----	13,400	14,322	4,017	4,189	646	342	8,858	795
Electrical, electronic, appliance goods dis- tributors-----	4,995	6,027	4,399	6,222	703	713	14,669	866
Hardware, plumbing, heating goods wholesalers-----	5,157	5,307	3,710	4,087	699	444	9,879	669
Lumber, construction materials distribu- tors-----	5,538	6,692	3,900	5,027	459	480	9,550	754
Machinery, equipment, supplies distribu- tors-----	19,280	23,404	6,735	9,451	1,432	1,137	20,008	1,818
Metals, metalwork (except scrap) distribu- tors-----	1,690	2,359	2,047	2,979	436	222	3,309	423
Iron-steel scrap, waste materials dealers-----	6,286	7,432	2,658	3,004	168	153	2,304	413
Other merchant wholesalers-----	13,104	16,142	8,167	8,778	845	784	11,592	1,081

Source: Department of Commerce, Bureau of the Census; *Annual Wholesale Trade Report—1953, Merchant Wholesalers*.



## No. 1075.—WHOLESALE TRADE—SALES AND STOCKS: 1939 TO 1954

[In millions of dollars]

YEAR	ALL ESTABLISHMENTS		NONDURABLE GOODS ESTABLISHMENTS		DURABLE GOODS ESTABLISHMENTS		Merchant wholesalers' sales
	Sales	Stocks end of period	Sales	Stocks end of period	Sales	Stocks end of period	
1939	26,244	3,075	19,972	2,104	6,272	971	22,550
1940	28,919	3,255	21,408	2,187	7,511	1,068	24,914
1945	53,708	4,625	42,827	3,161	10,881	1,464	44,082
1946	71,915	6,606	54,339	4,082	17,576	2,524	60,708
1947	87,263	7,613	62,835	4,519	24,428	3,094	73,279
1948	95,172	7,982	67,741	4,419	27,431	3,563	79,815
1949	88,252	7,913	63,557	4,382	24,695	3,531	73,882
1950	103,896	10,474	69,700	5,616	34,196	4,858	88,662
1951	113,168	11,068	75,542	5,517	37,626	5,551	95,540
1952	112,325	11,310	76,351	5,769	35,974	5,541	94,783
1953	111,936	11,697	74,795	6,019	37,141	5,678	95,257
1954	109,294	11,562	74,500	6,102	34,794	5,460	92,645

Source: Department of Commerce, Office of Business Economics; published currently in *Survey of Current Business*.

## No. 1076.—CONSUMERS' COOPERATIVES BY TYPE OF ASSOCIATION: 1953

TYPE OF ASSOCIATION	Number of associations	Number of members (1,000)	Volume of business (\$1,000)	TYPE OF ASSOCIATION	Number of associations	Number of members (1,000)	Volume of business (\$1,000)
Credit unions	13,674	6,636	<sup>1</sup> 1,307,503	Insurance companies in Cooperative League Conference <sup>8</sup>	8	8,000	<sup>9</sup> 206,000
Electric power cooperatives <sup>2</sup>	977	4,205	339,035	Farmers' cooperatives' supply business, net or retail <sup>10</sup>	7,244		2,012,461
Rural telephone cooperatives <sup>3</sup>	163	259	( <sup>4</sup> )	Producers' goods			1,340,552
Medical care prepayment plans with consumer voice <sup>5</sup>	257	7,871	<sup>6</sup> 184,700	Petroleum products			436,274
Consumer management	24	299	7,600	Meats and groceries			45,382
Union sponsored	73	2,773	73,200	Other supplies			190,253
Fraternal sponsored	18	219	2,200	Associations principally engaged in supply business	3,376	3,139	1,477,787
Employer-employee sponsored	63	727	26,800	Urban consumer cooperatives affiliated with regional wholesales <sup>11</sup>	47	75	34,380
Employee-sponsored	42	571	20,500				
Community-wide	37	3,282	54,400				
Housing <sup>7</sup>	281	32	298,700				

<sup>1</sup> Loans outstanding end of year, Bureau of Federal Credit Unions.

<sup>2</sup> Figures represent cooperatives borrowing from REA, consumers served by and revenue of cooperatives.

<sup>3</sup> Figures represent cooperatives borrowing from REA, and subscribers of cooperatives. <sup>4</sup> Not available.

<sup>5</sup> Survey of Independent Medical Care Plans (1954) by Department of Health, Education, and Welfare.

<sup>6</sup> Total expenditures for benefit or operation.

<sup>7</sup> Projects insured under Section 213 by Federal Housing Administration and number of dwelling units and value of mortgages.

<sup>8</sup> Cooperative League of U. S. A., *Yearbook 1954*. <sup>9</sup> Premium income.

<sup>10</sup> Farmer Cooperative Service, Department of Agriculture, statistics for 1952-53.

<sup>11</sup> Based on reports in cooperatives' periodicals and preliminary results from Northwestern University's study of cooperatives. A number of smaller urban societies are known to be in existence for which estimates are not as yet possible.

Source: Department of Labor, Bureau of Labor Statistics (from sources indicated above).

## No. 1077.—WHOLESALE ADMINISTRATIVE OFFICES AND AUXILIARY UNITS—SUMMARY, BY TYPE OF OPERATION: 1948

TYPE OF OPERATION	Estab-lish-ments	Sales, entire year	Payroll, entire year	PAID EMPLOYEES AND PAYROLL, WORKWEEK ENDED NEAREST NOV. 15		Stocks on hand, end of year, at cost
				Em- ployees	Payroll	
	Number	\$1,000	\$1,000	Number	Dollars	\$1,000
United States, total	1,339	1,791,497	319,893	80,644	6,272,228	162,425
Merchant wholesalers	275	49,174	44,842	11,623	838,245	69,800
Manufacturers' sales branches (with stocks)	283	75,654	51,501	12,788	993,809	60,263
Manufacturers' sales offices (without stocks)	116	44,147	17,238	4,568	343,691	13,275
Petroleum bulk stations	607	1,586,628	193,214	48,377	3,854,890	15,646
Agents, brokers	16	9,116	6,592	1,608	126,603	2,714
Assemblers (mainly farm products)	42	26,778	6,506	1,680	114,990	727

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. V.

## No. 1078.—WHOLESALE ESTABLISHMENTS—SUMMARY, BY TYPE

	TYPE OF OPERATION BY KIND OF BUSINESS	ESTABLISHMENTS (number)			SALES, ENTIRE YEAR (\$1,000)			OPERATING EXPENSES (INCL. PAYROLL) PERCENT OF SALES	
		1929	1939	1948	1929	1939	1948	1939	1948 <sup>1</sup>
1	United States, total.....	168,262	199,726	243,366	66,739,607	54,888,480	188,688,801	(3)	(3)
2	Merchant wholesalers, total.....	79,178	100,961	146,518	29,205,174	22,537,832	79,766,589	13.1	11.6
3	Groceries, confectionery, meats.....	15,224	15,681	17,345	5,386,861	3,940,781	11,356,738	11.3	8.8
4	Farm products (edible).....	8,972	10,945	13,539	3,061,240	2,110,766	7,500,941	13.0	11.6
5	Beer, wines, distilled spirits.....	(3)	6,232	7,195	(3)	1,249,164	4,069,729	12.9	10.9
6	Drugs, chemicals, allied products.....	2,376	3,298	4,671	947,962	801,813	2,282,226	17.3	15.8
7	Tobacco and products (except leaf).....	1,721	2,717	3,019	858,329	1,106,215	2,529,576	4.9	5.2
8	Dry goods, apparel.....	7,383	8,275	11,733	2,817,742	1,888,952	5,727,719	13.1	11.8
9	Furniture, home furnishings.....	1,750	2,214	3,813	494,777	373,464	1,314,945	17.2	16.6
10	Paper and its products.....	2,297	2,898	4,044	704,388	574,973	1,901,747	17.2	15.5
11	Farm products (raw materials).....	3,400	2,086	2,594	3,697,456	1,628,706	6,903,993	6.9	3.6
12	Automotive.....	3,451	7,818	14,693	1,383,057	1,055,387	4,091,589	17.5	17.8
13	Electrical goods.....	2,182	3,072	5,443	846,689	788,024	4,424,566	16.6	12.7
14	Hardware, plumbing, heating.....	2,953	3,568	5,901	1,212,738	971,975	3,826,957	18.4	15.4
15	Lumber, construction materials.....	3,774	3,303	5,890	1,283,891	804,392	3,934,736	15.2	14.0
16	Machinery, equipment, supplies.....	6,988	11,270	21,430	1,268,760	1,440,371	6,731,372	20.0	18.0
17	Metals, metal work (except scrap).....	856	1,017	1,803	672,581	515,975	2,056,715	12.0	12.1
18	Waste materials.....	3,919	6,059	7,717	474,453	656,000	2,699,300	14.7	11.9
19	Other merchant wholesalers.....	11,932	10,508	15,688	4,094,250	2,630,874	8,413,740	11.2	9.9
20	Manufacturers' sales branches (with stocks), total.....	(3)	12,844	15,716	(3)	9,610,329	29,229,717	12.5	10.0
21	Groceries, confectionery, meats.....	-----	2,592	3,138	-----	2,333,306	6,802,136	11.1	6.8
22	Dairy, poultry products.....	-----	610	707	-----	199,200	880,074	17.2	13.4
23	Beer, wines, distilled spirits.....	-----	409	254	-----	274,265	748,346	19.1	10.3
24	Drugs, chemicals, allied products.....	-----	900	1,426	-----	758,232	2,328,669	18.2	13.0
25	Tobacco and products (except leaf).....	-----	44	41	-----	446,489	797,902	13.9	6.7
26	Dry goods, apparel.....	-----	510	416	-----	510,384	1,573,229	12.3	6.3
27	Furniture, home furnishings.....	-----	285	376	-----	131,625	534,135	14.0	10.9
28	Paper and its products.....	-----	317	305	-----	177,454	192,386	16.5	15.6
29	Automotive equipment, tires and tubes.....	-----	(3)	700	-----	(3)	1,571,876	-----	10.8
30	Electrical goods.....	-----	393	669	-----	643,067	2,727,808	7.6	9.0
31	Hardware, plumbing, heating.....	-----	617	630	-----	276,045	664,527	15.9	13.0
32	Lumber, construction materials.....	-----	353	457	-----	238,475	613,076	14.1	16.6
33	Machinery, equipment, supplies.....	-----	3,623	4,847	-----	1,044,245	4,401,264	19.3	14.0
34	Metals, metal work (except scrap).....	-----	481	502	-----	469,922	1,165,376	8.2	8.5
35	Other manufacturers' sales branches.....	-----	627	1,248	-----	(3)	4,228,913	-----	9.1
36	Manufacturers' sales offices (without stocks).....	(3)	5,082	8,052	(3)	4,643,280	23,508,860	6.9	4.3
37	Petroleum bulk stations, terminals.....	19,611	30,825	29,451	2,390,213	3,807,908	10,615,650	11.0	9.0
38	Agents, brokers, total.....	18,467	21,083	24,361	14,517,239	11,779,499	34,610,092	2.8	2.6
39	Groceries, confectionery, meats.....	2,296	2,733	3,171	2,331,805	2,109,490	5,487,102	1.9	2.0
40	Farm products (edible).....	1,721	1,426	1,155	(3)	1,039,557	1,778,371	3.6	3.0
41	Beer, wines, distilled spirits.....	(3)	102	97	(3)	30,051	64,187	3.9	4.3
42	Drugs, chemicals, allied products.....	568	478	499	(3)	150,792	392,648	5.3	4.5
43	Tobacco and products (except leaf).....	32	25	19	4,202	16,135	5,520	3.6	3.9
44	Dry goods, apparel.....	2,141	2,906	3,293	2,119,502	2,092,200	5,497,838	2.5	3.2
45	Furniture, home furnishings.....	679	789	1,045	161,650	100,956	469,963	6.5	5.9
46	Paper and its products.....	336	470	407	99,384	98,607	251,077	5.1	4.2
47	Farm products (raw materials).....	2,518	3,135	3,744	(3)	3,206,134	11,739,902	1.7	1.2
48	Automotive.....	393	331	556	123,187	121,426	459,614	3.0	4.8
49	Electrical goods.....	711	837	1,312	(3)	130,532	683,553	5.4	6.2
50	Hardware, plumbing, heating.....	750	904	1,236	121,861	115,060	468,431	5.9	7.2
51	Lumber, construction materials.....	952	944	788	369,512	213,760	539,286	5.1	4.7
52	Machinery, equipment, supplies.....	2,355	3,061	3,365	468,668	441,608	1,422,424	8.9	6.6
53	Metals, metal work (except scrap).....	417	608	743	615,443	359,125	726,293	2.1	3.4
54	Waste materials.....	78	121	90	73,255	74,181	200,562	4.1	3.5
55	Other agents, brokers.....	2,520	2,213	2,841	(3)	1,479,885	4,423,321	3.0	2.6
56	Assemblers (mainly farm products), total.....	34,143	28,931	19,268	4,452,099	2,509,632	10,957,893	9.3	6.1
57	Fish, sea foods.....	17	580	591	694	30,371	118,225	28.1	23.5
58	Other grocery, food specialties.....	246	230	253	30,701	38,037	206,617	13.5	13.4
59	Dairy, poultry products.....	5,617	9,091	3,939	558,891	446,168	1,618,011	9.4	7.1
60	Fruits, vegetables (fresh).....	3,809	2,902	2,137	603,182	393,459	1,102,832	23.3	23.0
61	Farm products (raw materials).....	23,811	15,595	11,939	3,215,760	1,563,840	7,756,809	5.3	2.9
62	Farm supplies.....	407	478	384	35,297	34,418	151,167	10.0	9.3
63	Assemblers, misc. products.....	236	55	25	7,574	3,339	4,232	13.4	13.9

<sup>1</sup> Entries for agents and brokers represent brokerage or commission received as a percent of sales entire year.<sup>2</sup> Proprietors of unincorporated businesses.<sup>3</sup> Not available.



## OF OPERATION AND KIND OF BUSINESS: 1929, 1939, AND 1948

PAYROLL, ENTIRE YEAR (\$1,000)		ACTIVE PROPRIETORS <sup>2</sup> (number)		PAID EMPLOYEES, WORK- WEEK ENDED NEAREST NOV. 15 (number)		STOCKS ON HAND, END OF YEAR, AT COST (\$1,000)		
1939	1948	1939	Nov. 1948	1939	1948	1939	1948	
2,589,876	7,990,713	133,466	163,490	1,605,347	2,382,789	3,847,552	10,167,005	1
1,498,353	5,064,381	71,924	106,823	948,601	1,507,990	2,620,862	7,206,834	2
224,394	549,042	11,846	13,789	153,704	182,847	432,885	890,204	3
132,283	463,551	10,296	13,460	94,212	155,933	47,466	144,524	4
73,677	224,362	4,507	5,422	46,211	63,637	121,471	374,745	5
69,096	186,477	1,598	2,637	40,226	56,042	114,569	264,617	6
26,946	75,456	2,337	2,743	18,785	26,143	49,427	115,748	7
126,554	346,731	6,399	9,294	68,986	79,451	275,753	672,545	8
33,372	118,362	1,448	2,742	18,817	32,187	70,838	163,240	9
56,490	179,649	1,693	2,401	31,912	49,067	74,566	194,829	10
37,871	90,860	1,569	2,024	27,712	24,568	284,679	465,422	11
100,927	424,634	5,236	10,130	67,380	136,329	141,134	606,650	12
71,599	321,918	1,555	2,877	38,592	90,448	83,485	514,871	13
102,030	361,684	1,643	3,138	62,715	102,740	209,776	626,816	14
63,029	303,907	1,498	2,972	37,420	87,064	80,308	277,077	15
157,193	673,944	6,532	13,480	89,779	189,617	236,155	944,111	16
32,620	137,293	479	827	17,226	33,568	63,741	192,446	17
46,040	167,546	5,956	7,410	46,423	59,817	57,201	103,078	18
144,232	438,965	7,332	11,477	88,501	138,532	277,408	655,911	19
533,930	1,501,413	260	527	267,514	411,725	689,251	1,749,770	20
104,219	212,563	31	16	59,154	65,866	93,974	231,804	21
11,321	60,977	3	12	6,554	17,682	11,313	32,932	22
15,532	32,165	5	16	6,487	8,378	10,810	22,607	23
51,432	125,270	13	12	22,879	31,725	63,531	147,892	24
8,437	7,896	6	8	4,059	2,460	11,769	25,368	25
31,197	54,877	76	48	13,917	11,453	62,248	121,826	26
8,634	29,097	4	31	3,961	7,358	11,724	22,503	27
12,183	18,165	1	13	6,173	5,118	14,361	20,475	28
(3)	91,097	(3)	31	(3)	29,603	(3)	228,437	29
29,274	170,411	4	19	12,608	45,952	29,266	122,878	30
21,207	50,493	9	33	11,946	13,778	33,894	54,732	31
18,350	56,085	13	54	9,821	15,786	23,484	53,217	32
114,373	390,724	50	158	57,785	99,976	145,442	344,309	33
19,492	50,500	2	13	10,025	13,233	52,412	107,943	34
(3)	151,093	(3)	63	(3)	43,357	(3)	212,847	35
131,949	420,241	125	254	47,574	89,890	-----	-----	36
156,366	345,847	23,061	23,952	99,956	112,466	235,596	709,205	37
162,692	350,148	18,603	21,820	92,522	101,650	88,724	68,829	38
19,123	45,285	2,422	2,938	(3)	10,962	12,638	9,002	39
17,850	25,069	1,113	933	(3)	7,440	5,749	3,640	40
471	727	79	73	262	171	861	560	41
4,032	7,281	356	368	1,772	1,625	1,519	1,427	42
207	54	32	20	78	20	124	21	43
29,340	63,214	2,791	3,090	11,357	12,117	6,447	8,143	44
3,206	9,337	713	984	1,807	2,221	682	991	45
2,694	3,904	362	340	1,132	878	777	512	46
26,568	58,287	3,376	3,705	(3)	35,492	37,397	18,188	47
1,856	8,167	289	489	862	1,823	648	802	48
3,342	13,970	737	1,207	2,021	3,236	880	1,872	49
3,206	12,985	811	1,136	1,872	2,982	935	2,191	50
4,928	7,888	752	654	2,287	1,901	709	2,260	51
19,373	38,669	2,521	2,841	9,264	8,525	6,520	7,966	52
3,990	8,577	522	608	1,744	1,843	3,135	1,089	53
1,152	3,227	82	50	356	557	1,266	532	54
21,354	43,507	1,645	2,384	(3)	9,857	8,437	9,633	55
106,586	308,683	19,493	10,114	149,180	159,068	213,119	432,367	56
4,440	14,347	631	501	11,407	12,364	1,285	3,850	57
2,351	12,920	167	125	(3)	11,576	6,541	21,430	58
17,604	51,525	7,567	2,756	(3)	23,977	6,342	36,277	59
43,752	121,800	1,877	1,352	(3)	64,848	12,916	33,777	60
36,766	101,172	8,776	5,114	(3)	43,371	181,842	326,753	61
1,381	6,630	444	246	(3)	2,755	3,777	9,809	62
292	289	31	20	238	177	416	462	63

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1948, Vol. V.

DIVISION AND STATE	ESTABLISHMENTS (number)			SALES, ENTIRE YEAR (\$1,000)			ACTIVE PROPRIETORS <sup>1</sup> (number)	
	1929	1939	1948	1929	1939	1948	1939	Nov. 1948
<b>United States</b> .....	<sup>2</sup> 168,262	199,726	243,366	<sup>2</sup> 66,739,607	54,888,480	188,688,801	133,466	163,490
<b>New England</b> .....	9,721	10,064	13,123	3,988,607	3,149,541	9,341,451	5,461	6,603
Maine.....	986	1,032	927	175,853	165,848	490,529	608	424
New Hampshire.....	325	363	518	60,500	64,263	188,998	198	260
Vermont.....	308	383	393	57,393	57,112	168,216	209	206
Massachusetts.....	6,015	5,932	7,788	2,935,089	2,214,403	6,396,231	3,183	3,791
Rhode Island.....	734	761	1,136	275,357	238,989	722,552	455	679
Connecticut.....	1,353	1,593	2,361	484,415	408,926	1,374,925	808	1,243
<b>Middle Atlantic</b> .....	37,913	45,179	64,046	22,606,845	18,807,570	57,747,882	30,122	44,525
New York.....	25,110	30,255	43,786	17,072,380	14,452,737	43,140,120	19,541	29,358
New Jersey.....	2,334	3,523	5,695	935,521	1,032,078	3,596,934	1,928	3,794
Pennsylvania.....	10,469	11,401	14,565	4,598,944	3,322,755	11,010,828	8,653	11,373
<b>East North Central</b> .....	31,973	40,504	47,412	13,401,820	11,164,583	40,345,543	26,815	31,131
Ohio.....	8,005	9,545	11,099	2,910,629	2,606,812	9,468,871	6,017	6,652
Indiana.....	3,726	4,821	5,325	888,816	842,092	3,227,141	3,356	3,586
Illinois.....	11,534	14,468	17,454	6,660,084	4,977,030	18,136,506	9,552	11,983
Michigan.....	5,222	6,891	8,434	2,018,328	1,918,154	6,683,754	4,874	5,878
Wisconsin.....	3,486	4,779	5,100	923,963	820,495	2,829,271	3,016	3,032
<b>West North Central</b> .....	28,591	33,039	31,814	8,442,430	5,769,120	21,988,833	21,835	20,631
Minnesota.....	5,243	6,433	6,075	1,667,535	1,448,297	5,026,505	4,075	3,632
Iowa.....	4,936	5,790	5,980	1,040,840	787,208	3,361,733	4,306	4,418
Missouri.....	6,621	7,608	7,846	3,296,777	2,238,054	7,420,888	5,198	5,341
North Dakota.....	2,618	2,682	2,261	261,131	170,252	939,420	1,300	1,021
South Dakota.....	1,972	2,020	1,829	236,095	133,139	791,608	1,100	1,014
Nebraska.....	2,886	3,378	3,183	1,053,441	564,601	2,354,449	2,338	2,072
Kansas.....	4,315	5,128	4,640	886,611	427,569	2,094,230	3,518	3,133
<b>South Atlantic</b> .....	15,556	17,341	22,430	4,473,555	4,537,886	16,287,633	11,722	14,060
Delaware.....	286	316	370	118,087	157,474	483,721	189	217
Maryland.....	2,192	2,461	3,076	711,372	685,138	2,057,749	1,904	2,130
District of Columbia.....	478	735	1,114	216,791	338,233	1,242,601	437	585
Virginia.....	2,331	2,426	3,000	621,139	626,477	2,033,470	1,489	1,856
West Virginia.....	1,127	1,423	1,737	341,433	254,119	1,076,754	754	849
North Carolina.....	2,403	2,842	3,962	695,118	826,694	3,129,686	2,068	2,617
South Carolina.....	1,539	1,447	1,609	333,528	297,078	1,008,042	1,101	1,056
Georgia.....	3,159	3,009	3,844	992,009	797,580	3,264,294	2,086	2,516
Florida.....	2,041	2,682	3,718	444,078	522,093	1,991,316	1,694	2,234
<b>East South Central</b> .....	7,711	8,154	10,318	2,495,203	1,957,572	7,897,253	6,278	7,686
Kentucky.....	2,024	2,168	2,456	500,389	463,769	1,784,338	1,672	1,854
Tennessee.....	2,238	2,634	3,529	1,043,463	835,369	3,477,171	1,910	2,469
Alabama.....	1,737	1,934	2,597	566,403	413,607	1,677,829	1,565	2,027
Mississippi.....	1,712	1,418	1,736	384,948	244,827	957,915	1,131	1,336
<b>West South Central</b> .....	17,480	18,380	20,441	4,726,740	3,425,977	13,005,080	13,257	14,490
Arkansas.....	2,045	1,782	2,147	366,510	248,643	851,613	1,466	1,647
Louisiana.....	1,711	2,360	3,068	828,056	698,804	2,227,058	1,419	2,007
Oklahoma.....	4,155	3,985	3,668	766,817	458,709	1,729,240	2,767	2,540
Texas.....	9,569	10,253	11,558	2,765,357	2,019,821	8,197,169	7,605	8,296
<b>Mountain</b> .....	5,743	7,259	8,615	1,167,413	1,080,863	4,270,113	4,598	5,644
Montana.....	1,243	1,333	1,396	158,227	130,334	587,330	596	657
Idaho.....	673	988	1,147	97,157	105,496	415,822	605	734
Wyoming.....	283	397	403	34,661	37,031	153,477	312	339
Colorado.....	2,056	2,274	2,650	536,353	431,118	1,628,603	1,572	1,826
New Mexico.....	315	542	718	53,143	66,387	259,969	414	566
Arizona.....	356	605	864	97,024	96,426	420,481	390	605
Utah.....	721	945	1,123	177,130	190,840	724,933	601	726
Nevada.....	96	175	254	13,718	23,231	79,498	108	191
<b>Pacific</b> .....	13,664	19,806	25,167	5,456,553	4,995,368	17,805,013	13,378	18,720
Washington.....	2,572	3,565	4,147	955,070	762,974	2,643,174	1,817	2,734
Oregon.....	1,437	1,916	2,561	465,196	437,954	1,891,251	1,019	1,649
California.....	9,655	14,325	18,459	4,036,287	3,794,440	13,270,588	10,542	14,337

<sup>1</sup> Proprietors of unincorporated businesses.<sup>2</sup> To avoid disclosures, where scope changes involved only one or two establishments, adjustments were not made at the State and geographic division levels. Hence, figures will not add to United States totals.



## SUMMARY, BY STATES: 1929, 1939, AND 1948

PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15 (number)		PAYROLL, ENTIRE YEAR (\$1,000)			STOCKS ON HAND, END OF YEAR, AT COST (\$1,000)			DIVISION AND STATE
1939	1948	1929	1939	1948	1929	1939	1948	
1,605,347	2,382,789	2,941,698	2,589,876	7,990,713	5,042,641	3,847,552	10,167,005	U. S.
95,342	136,339	202,367	166,488	461,899	318,635	236,639	608,506	N. E.
7,454	9,616	11,202	10,135	27,136	22,973	18,132	43,619	Maine.
2,570	4,037	3,667	3,735	11,291	6,231	5,184	14,499	N. H.
2,364	3,141	2,899	3,434	9,206	5,432	5,140	15,411	Vt.
59,235	81,884	142,828	110,681	290,915	214,210	153,785	367,208	Mass.
7,624	11,103	14,534	12,433	35,210	22,805	20,975	50,050	R. I.
16,095	26,558	27,237	26,070	88,141	46,984	33,423	111,719	Conn.
434,059	610,213	945,512	854,708	2,355,318	1,603,266	1,172,326	2,808,883	M. A.
297,738	397,720	677,590	625,440	1,651,425	1,236,942	894,396	2,032,869	N. Y.
36,089	58,812	54,648	62,044	204,040	67,615	74,123	233,725	N. J.
100,232	153,681	213,274	167,224	499,853	298,709	203,807	542,289	Pa.
310,585	474,769	673,206	529,755	1,697,848	882,170	642,468	1,805,614	E. N. C.
76,788	120,922	150,293	130,311	421,175	191,342	149,298	426,219	Ohio.
28,761	45,056	42,531	42,357	144,878	60,212	57,912	182,159	Ind.
124,835	182,512	336,877	226,544	689,689	410,039	256,362	679,769	Ill.
53,308	84,766	93,411	88,318	304,771	113,976	105,680	326,746	Mich.
26,893	41,513	50,094	42,225	137,335	106,601	73,216	190,721	Wis.
168,504	238,499	321,140	246,805	719,554	615,524	445,881	1,099,917	W. N. C.
38,308	53,355	62,428	59,660	166,428	151,304	130,109	273,157	Minn.
24,281	35,028	40,541	31,690	99,434	68,555	47,836	137,735	Iowa.
64,055	87,016	142,963	104,138	281,276	238,139	156,135	365,582	Mo.
6,335	8,916	9,935	7,195	24,785	24,418	22,604	74,013	N. Dak.
4,957	8,038	8,614	5,593	21,306	16,810	12,139	40,884	S. Dak.
15,419	23,178	28,047	20,378	64,866	58,442	35,402	98,097	Nebr.
15,149	22,968	28,612	18,151	61,459	57,856	41,656	110,449	Kans.
197,506	264,516	196,090	219,519	739,175	352,937	360,363	969,274	S. A.
2,962	5,153	3,778	6,018	17,734	10,514	4,562	23,077	Del.
25,178	33,639	32,750	33,260	99,943	48,808	41,466	121,668	Md.
10,087	17,106	12,102	17,616	62,327	12,336	17,980	50,815	D. C.
33,008	39,625	29,575	33,810	99,126	77,714	75,091	132,280	Va.
11,830	17,744	19,216	17,143	56,356	29,258	26,277	71,919	W. Va.
43,635	43,541	25,679	33,367	107,716	63,226	85,134	193,418	N. C.
8,874	13,848	10,535	9,979	37,337	17,524	16,295	55,239	S. C.
24,849	44,004	36,184	34,069	133,260	61,328	52,904	175,504	Ga.
37,083	49,856	26,271	34,257	125,376	32,229	40,654	145,354	Fla.
62,363	108,104	94,159	81,299	295,360	234,492	196,687	488,047	E. S. C.
17,302	26,690	25,872	23,572	74,471	99,196	67,544	104,626	Ky.
23,343	40,726	34,216	30,867	114,985	67,510	68,198	213,904	Tenn.
14,494	26,991	23,551	18,737	73,785	43,731	34,612	102,602	Ala.
7,224	13,697	10,520	8,123	32,119	24,055	26,333	66,915	Miss.
117,137	193,000	166,483	147,803	548,609	385,584	310,935	884,158	W. S. C.
8,045	14,705	11,949	9,604	35,808	28,849	20,623	60,451	Ark.
24,013	36,187	28,900	31,787	103,918	58,718	65,070	165,523	La.
16,011	25,188	30,425	21,198	72,717	60,594	35,742	109,907	Okla.
69,068	116,920	95,209	85,214	336,166	237,423	189,500	548,277	Tex.
39,292	70,246	54,777	53,077	200,899	104,720	88,929	304,759	Mt.
4,252	7,470	6,979	6,105	21,779	19,026	15,985	49,770	Mont.
5,819	8,999	4,479	5,282	19,561	10,918	9,449	26,960	Idaho.
1,204	2,223	1,855	1,671	6,144	4,215	3,654	14,290	Wyo.
14,211	25,483	23,520	19,920	75,028	37,435	27,561	97,063	Colo.
2,522	4,508	2,313	3,197	12,452	4,744	7,752	26,280	N. Mex.
3,824	8,087	5,407	5,614	24,023	9,377	7,729	29,938	Ariz.
6,693	12,150	9,347	9,994	37,298	17,681	14,694	53,059	Utah.
767	1,326	877	1,294	4,614	1,324	2,105	7,399	Nev.
180,559	287,103	290,139	290,422	972,051	546,893	393,324	1,197,847	Pac.
28,780	45,658	50,537	44,116	145,511	79,330	59,509	188,998	Wash.
15,696	29,314	24,056	24,315	94,418	40,580	38,341	141,162	Oreg.
136,083	212,131	215,546	221,991	732,122	426,983	295,474	867,687	Calif.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1948, Vol. V.

## No. 1080.—SELECTED SERVICES—SUMMARY, BY KIND OF BUSINESS: 1939 AND 1948

[Covers establishments primarily engaged in providing personal, business and repair services, amusement or entertainment, and accommodations in hotels and tourist courts. 1939 figures adjusted to secure comparability with 1948]

KIND OF BUSINESS	ESTABLISHMENTS		RECEIPTS, ENTIRE YEAR		PAYROLL, ENTIRE YEAR		PAID EMPLOYEES AND PAY-ROLL, WORKWEEK ENDED NEAREST NOV. 15			UNINCORPORATED BUSINESSES		
	1939	1948	1939 <sup>1</sup>	1948	1939	1948 <sup>2</sup>	Employees		Payroll, 1948 <sup>2</sup>	Active proprietors		Unpaid family workers, Nov. 1948
							1939	1948 <sup>2</sup>		1939	Nov. 1948	
SELECTED SERVICES												
Personal, business, and repair services.....	Number	Number	\$1,000	\$1,000	\$1,000	\$1,000	Number	Number	Dollars	Number	Number	Numbers
Amusements <sup>3</sup> .....	570,057	559,559	2,973,593	8,578,162	911,248	2,871,214	936,271	1,342,496	56,828,486	579,433	574,610	120,407
Hotels.....	44,917	50,347	998,079	2,349,601	225,481	610,034	223,687	341,981	11,351,185	33,971	37,874	17,458
Tourist courts and camps.....	27,987	29,660	863,155	2,172,756	243,228	660,004	330,216	398,293	12,448,752	24,018	26,411	16,915
	13,521	25,919	36,722	195,505	4,226	22,604	6,938	16,972	421,899	13,365	27,715	24,297
PERSONAL, BUSINESS, AND REPAIR SERVICES												
Personal services, total.....	389,726	351,985	1,821,584	4,440,189	571,610	1,582,532	653,072	851,024	31,357,304	398,721	360,568	77,317
Barber, beauty shops.....	205,268	169,081	481,271	844,998	137,374	278,982	184,742	157,164	5,658,684	214,836	174,059	10,849
Barber shops.....	117,998	91,983	230,983	404,441	55,557	126,012	70,783	64,509	2,557,296	124,596	95,970	3,753
Beauty shops.....	83,071	74,497	231,670	417,570	74,436	143,274	104,501	87,290	2,907,787	85,419	73,111	6,245
Barber and beauty shops combined.....	4,199	2,591	18,618	22,987	7,321	9,696	9,458	5,365	193,601	4,821	2,978	851
Cleaning, dyeing plants.....	12,616	25,534	193,316	844,357	83,982	399,434	87,421	210,026	7,972,704	12,794	28,148	12,759
Funeral service, crematories.....	18,196	18,675	261,617	572,355	40,676	90,019	33,122	40,726	1,750,831	18,239	18,792	10,133
Laundries, laundry services.....	22,736	19,182	527,753	1,257,987	249,062	620,559	266,528	329,728	11,899,071	23,018	18,674	5,996
Power laundries (exc. power laundries of linen supply and diaper services) <sup>4</sup> .....		6,783		913,036		501,646		272,495	9,604,700		5,569	1,765
Linen supply service.....	7,491	1,176	481,970	238,203	241,547	91,101	254,518	39,877	1,731,962	5,520	675	106
Diaper service.....		384		25,887		10,061		4,085	196,973		333	106
Laundries (exc. power).....	15,245	10,839	45,783	80,861	7,515	17,751	12,010	12,671	365,436	17,498	12,097	4,019
Photographic studios (inc. commercial photography).....												
Pressing, alteration, garment repair shops.....	10,957	14,712	64,185	212,025	15,690	57,870	16,045	27,609	1,206,853	10,417	14,410	5,313
Pressing, alteration, etc. (exc. fur).....	54,696	47,888	153,254	365,061	23,772	67,704	35,024	41,893	1,459,696	54,564	49,783	19,034
Fur repair and storage shops.....	52,516	45,554	140,578	320,148	21,478	59,197	31,655	37,488	1,244,842	52,398	47,401	18,254
Shoe-repair shops, shoeshine parlors, hat cleaning.....	2,180	2,334	12,676	45,513	2,294	8,507	3,369	4,405	214,854	2,166	2,382	780
Miscellaneous personal services.....	59,371	44,151	119,321	218,800	15,497	36,409	23,447	22,900	736,367	59,125	44,282	7,863
Miscellaneous personal services.....	5,886	12,762	20,867	124,006	5,557	31,555	6,743	20,978	673,098	5,728	12,420	5,370
Self-service laundries.....	( <sup>5</sup> )	8,523	( <sup>5</sup> )	65,409	( <sup>5</sup> )	11,975	( <sup>5</sup> )	10,379	277,157	( <sup>5</sup> )	8,583	4,549
Miscellaneous personal services, n. e. c.....	( <sup>5</sup> )	4,239	( <sup>5</sup> )	58,597	( <sup>5</sup> )	19,580	( <sup>5</sup> )	10,599	395,941	( <sup>5</sup> )	3,827	821
Business services, total.....	26,188	32,007	486,912	1,629,513	199,464	701,226	143,491	242,982	13,572,326	23,181	27,918	5,866
Advertising.....	( <sup>5</sup> )	5,986	( <sup>5</sup> )	652,063	( <sup>5</sup> )	290,765	( <sup>5</sup> )	72,975	5,528,726	( <sup>5</sup> )	4,430	543
Consumer credit reporting agencies, etc.....	2,576	2,652	48,135	121,913	23,238	60,376	18,956	26,625	1,198,851	1,732	1,617	364



Duplicating, addressing, blueprinting, etc.	3,262	3,102	35,310	95,225	11,919	35,451	12,949	17,272	702,960	3,132	3,082	480
Employment agencies, private	1,424	2,331	7,861	30,784	2,777	10,271	1,994	4,580	215,440	1,419	2,239	358
News syndicates	( <sup>3</sup> )	77	( <sup>3</sup> )	70,421	( <sup>3</sup> )	29,043	( <sup>3</sup> )	5,478	510,751	( <sup>3</sup> )	34	9
Services to dwellings and other buildings	3,323	3,323	( <sup>3</sup> )	117,335	( <sup>3</sup> )	64,048	( <sup>3</sup> )	27,621	1,264,601	( <sup>3</sup> )	3,048	674
Business services, n. e. c.	14,844	14,636	228,466	541,772	81,647	211,272	73,937	88,431	4,150,997	13,825	13,468	2,938
Auctioneers' establishments (service only)	970	670	5,213	14,535	1,659	3,447	3,390	2,231	68,172	996	717	195
Coin-operated machine rental and repair services	1,554	1,302	30,576	50,500	5,852	10,061	4,381	3,623	194,781	1,606	1,391	256
Detective agencies	280	603	4,128	18,786	2,677	11,680	2,845	6,874	242,442	1,184	429	84
Interior decorating service	461	601	4,365	18,943	783	3,648	751	1,533	77,161	454	616	126
Photo-finishing laboratories	1,201	1,703	16,111	88,839	4,561	34,019	4,442	14,277	650,558	1,180	1,694	625
Sign-painting shops	5,391	4,283	16,803	47,253	3,488	13,820	3,296	5,081	272,775	5,741	4,585	869
Telephonic-answering service	( <sup>3</sup> )	367	( <sup>3</sup> )	7,469	( <sup>3</sup> )	3,583	( <sup>3</sup> )	2,187	74,924	( <sup>3</sup> )	246	49
Window-display service	215	279	3,059	8,060	1,199	2,716	927	1,056	56,110	192	261	51
Other business services, n. e. c.	4,772	4,828	148,211	287,387	61,428	128,298	53,905	51,569	2,514,074	3,472	3,529	683
<b>Automobile repair services and garages, total</b>	<b>78,881</b>	<b>95,544</b>	<b>440,892</b>	<b>1,561,109</b>	<b>97,514</b>	<b>355,368</b>	<b>96,424</b>	<b>153,576</b>	<b>7,171,450</b>	<b>80,554</b>	<b>101,749</b>	<b>18,540</b>
Automobile repair shops	66,178	81,676	315,630	1,272,036	66,074	274,501	55,501	117,252	5,546,260	71,091	94,297	17,078
General automobile repair shops	51,827	60,147	228,214	839,466	43,461	158,640	44,667	71,341	3,203,845	55,389	66,914	12,938
Battery and ignition repair and service shops	2,073	1,880	10,228	30,398	1,597	5,799	1,724	2,560	114,908	2,201	2,057	367
Glass-replacement and repair shops	( <sup>3</sup> )	1,079	( <sup>3</sup> )	20,248	( <sup>3</sup> )	3,677	( <sup>3</sup> )	1,526	74,774	( <sup>3</sup> )	1,222	199
Paint shops	1,300	2,567	6,220	32,165	1,731	9,894	1,726	4,179	207,382	1,466	2,827	433
Radiator repair shops	1,089	2,844	4,631	36,267	1,982	8,254	976	3,373	174,289	1,133	3,117	486
Tire repair shops	2,215	1,955	8,222	34,976	1,064	5,326	1,253	2,408	110,308	2,363	1,964	368
Top and body repair shops	6,232	10,425	44,678	188,298	13,683	58,730	12,297	22,941	1,180,387	7,067	11,834	1,582
Automobile repair shops, n. e. c.	1,442	3,968	13,437	90,218	3,560	24,181	2,858	8,924	478,367	1,472	4,362	1,705
Automobile rentals (without drivers)	648	1,011	20,251	83,917	5,393	18,758	4,046	6,208	358,181	380	533	137
Automobile storage, parking	11,095	8,535	102,070	190,347	25,154	55,990	25,320	25,618	1,122,452	8,126	5,828	1,134
Automobile services (exc. repair)	( <sup>3</sup> )	1,125	( <sup>3</sup> )	14,809	( <sup>3</sup> )	6,119	( <sup>3</sup> )	4,498	144,557	( <sup>3</sup> )	1,091	191
<b>Miscellaneous repair services, total</b>	<b>75,262</b>	<b>80,023</b>	<b>224,205</b>	<b>947,351</b>	<b>42,660</b>	<b>232,088</b>	<b>43,284</b>	<b>94,914</b>	<b>4,727,406</b>	<b>76,947</b>	<b>84,375</b>	<b>19,184</b>
Blacksmith shops	16,797	8,249	22,567	44,411	2,627	7,466	3,548	3,530	144,023	17,266	8,863	1,220
Electrical repair shops	15,644	19,440	47,835	214,796	7,838	46,831	7,951	21,100	1,023,197	16,142	20,131	5,463
Upholstery, furniture repair shops	9,685	10,297	35,095	126,375	6,915	30,107	7,949	13,966	633,014	10,261	11,346	3,180
Watch, clock, jewelry repair shops	12,485	12,750	29,902	86,401	2,946	13,404	2,977	6,214	268,796	12,530	13,053	2,855
Miscellaneous repair shops	20,651	29,287	88,806	475,368	22,334	134,280	20,859	50,104	2,658,376	1,033	2,224	6,466
Armature rewinding shops	978	1,283	12,873	60,472	3,783	17,709	3,163	6,458	339,902	1,621	1,300	331
Bicycle repair shops	1,601	1,262	3,435	7,390	307	1,549	484	365	11,049	1,621	1,300	331
Leather goods repair shops	2,168	1,560	3,809	6,617	249	684	349	340	14,009	2,178	1,576	129
Locksmith, gunsmith shops	2,252	1,518	5,261	11,529	722	1,815	736	863	35,634	2,248	1,633	354
Musical instrument repair shops	982	789	1,946	5,534	231	1,188	233	598	24,579	1,012	829	173
Repair shops, n. e. c.	12,670	23,114	61,482	386,826	17,042	112,335	15,894	41,480	2,233,203	12,656	24,420	5,029

<sup>1</sup> Includes Federal, State, and local amusement, sales, and excise taxes collected directly from customer and paid directly to taxing agency.

<sup>2</sup> Includes paid executives of corporations but not proprietors of unincorporated businesses.

<sup>3</sup> Includes motion picture theaters.

<sup>4</sup> Power laundries include industrial laundries.

<sup>5</sup> Not available.

<sup>6</sup> Includes miscellaneous advertising service, news syndicates, miscellaneous service to dwellings, etc., and telephone-answering service.

Source: Department of Commerce, Bureau of the Census: *U. S. Census of Business: 1948, Vol. VII.*

## No. 1081.—PERSONAL, BUSINESS, AND REPAIR SERVICES—SUMMARY, BY STATES: 1948

[For kinds of personal, business, and repair services covered, see table 1080]

DIVISION AND STATE	Estab- lish- ments	Re- ceipts, entire year	Payroll, entire year <sup>1</sup>	UNINCORPORATED BUSINESSES		PAID EMPLOYEES, WORKWEEK ENDED NEAREST NOV. 15 <sup>1</sup>		PAYROLL, WORK- WEEK ENDED NEAREST NOV. 15 <sup>1</sup>	
				Active proprie- tors, Novem- ber	Unpaid family workers, Novem- ber	Total	Full work- week	Total	Full work- week
United States.....	Number 559,559	\$1,000 8,578,162	\$1,000 2,871,214	Number 574,610	Number 120,407	Number 1,342,496	Number 1,198,415	Dollars 56,828,486	Dollars 54,265,693
New England.....	38,709	507,270	158,981	38,210	6,247	79,199	69,324	3,071,432	2,901,483
Maine.....	3,129	30,618	8,346	3,077	549	4,673	4,121	159,328	150,444
New Hampshire.....	2,167	22,155	5,880	2,210	410	3,309	2,845	113,254	105,289
Vermont.....	1,426	11,724	2,833	1,428	224	1,698	1,484	54,919	51,394
Massachusetts.....	19,886	280,002	91,352	19,385	3,074	45,294	39,675	1,762,633	1,665,799
Rhode Island.....	3,771	45,102	13,986	3,740	672	6,866	6,085	266,137	253,211
Connecticut.....	8,330	117,669	36,584	8,370	1,318	17,359	15,114	715,161	675,346
Middle Atlantic.....	141,838	2,395,360	838,066	144,817	27,691	346,084	311,121	16,499,694	15,835,791
New York.....	77,310	1,541,959	576,390	78,310	13,726	217,725	196,416	11,278,163	10,850,709
New Jersey.....	22,249	313,030	99,540	22,595	5,215	45,689	40,974	1,989,324	1,898,435
Pennsylvania.....	42,279	540,371	162,136	43,912	8,750	82,670	73,731	3,232,207	3,086,647
East North Central.....	110,159	1,848,908	638,458	112,836	23,329	276,381	242,187	12,573,262	11,948,430
Ohio.....	28,990	437,447	145,688	29,316	6,016	67,452	59,149	2,867,662	2,722,431
Indiana.....	13,640	184,299	57,387	14,192	2,746	29,207	25,730	1,147,394	1,091,285
Illinois.....	35,218	706,502	259,650	36,155	7,778	101,515	89,956	5,070,278	4,846,328
Michigan.....	21,376	367,268	130,266	22,220	4,582	55,872	48,315	2,590,522	2,442,991
Wisconsin.....	10,935	153,392	45,437	10,953	2,207	22,335	19,037	897,406	845,395
West North Central.....	53,593	652,463	189,848	55,805	10,532	98,285	85,903	3,788,730	3,587,210
Minnesota.....	10,104	134,571	40,767	10,503	1,706	19,521	16,827	824,057	778,693
Iowa.....	9,851	108,486	28,085	10,378	1,863	14,764	12,809	558,736	529,299
Missouri.....	16,243	225,819	74,378	16,553	3,154	37,463	33,074	1,458,505	1,384,336
North Dakota.....	1,955	16,916	3,682	2,068	318	2,312	1,985	80,948	75,356
South Dakota.....	2,087	19,521	4,745	2,150	492	2,739	2,328	95,715	88,922
Nebraska.....	5,342	63,434	16,143	5,639	1,011	9,040	7,862	325,859	308,359
Kansas.....	8,011	83,716	22,048	8,514	1,988	12,446	11,018	444,910	422,245
South Atlantic.....	58,652	879,003	305,536	58,832	12,741	176,347	160,638	6,096,164	5,856,641
Delaware.....	1,193	15,609	4,794	1,180	257	2,521	2,307	94,407	91,451
Maryland.....	7,910	121,055	40,056	7,987	1,409	20,359	18,335	791,064	757,009
District of Columbia.....	3,539	88,430	34,855	3,414	719	16,267	14,570	679,868	650,190
Virginia.....	7,944	120,811	41,796	7,914	1,460	25,015	22,620	832,424	797,447
West Virginia.....	4,476	59,395	19,541	4,443	937	10,836	9,880	391,287	375,641
North Carolina.....	9,571	129,426	45,859	9,873	2,121	30,051	27,640	933,400	900,137
South Carolina.....	4,574	58,062	19,659	4,538	1,080	13,922	12,684	392,849	376,317
Georgia.....	9,121	130,909	46,597	9,148	1,994	28,936	26,412	937,340	902,071
Florida.....	10,324	155,306	52,379	10,335	2,764	28,440	26,240	1,043,525	1,006,378
East South Central.....	26,349	354,784	118,323	27,208	6,502	74,834	68,465	2,348,022	2,260,489
Kentucky.....	8,806	93,329	28,560	7,321	1,484	16,654	15,081	568,597	545,242
Tennessee.....	7,960	123,577	43,253	8,134	1,965	26,189	24,327	854,424	829,239
Alabama.....	6,982	90,590	31,037	7,036	1,739	20,663	18,901	616,659	591,470
Mississippi.....	4,601	47,288	15,473	4,717	1,314	11,328	10,156	308,342	294,538
West South Central.....	50,993	634,099	198,923	52,807	14,698	115,693	105,206	4,036,649	3,869,215
Arkansas.....	5,276	49,130	14,965	5,480	1,310	10,134	9,355	304,149	293,859
Louisiana.....	6,692	90,866	30,502	6,765	1,695	18,479	17,002	613,628	589,231
Oklahoma.....	9,301	101,279	29,209	9,888	2,633	16,551	14,960	591,455	566,389
Texas.....	29,724	392,824	124,247	30,674	9,060	70,529	63,859	2,527,417	2,419,736
Mountain.....	17,008	233,338	70,038	17,999	4,440	36,176	31,965	1,401,034	1,331,398
Montana.....	1,942	23,823	6,237	2,122	356	3,229	2,824	125,063	116,294
Idaho.....	1,867	23,069	6,121	2,010	481	3,164	2,815	120,888	115,527
Wyoming.....	923	12,356	3,560	993	264	1,860	1,669	73,734	70,635
Colorado.....	5,117	72,783	22,859	5,368	1,236	12,083	10,491	454,615	431,465
New Mexico.....	1,987	24,661	7,318	2,096	652	4,140	3,820	148,052	143,127
Arizona.....	2,300	34,413	10,959	2,395	759	5,425	4,876	218,070	208,368
Utah.....	2,232	31,111	9,300	2,334	526	4,710	3,998	186,131	173,622
Nevada.....	640	11,122	3,675	681	166	1,565	1,472	74,481	72,360
Pacific.....	62,258	1,072,937	353,041	66,096	14,227	139,497	123,556	7,013,499	6,675,036
Washington.....	8,787	134,550	44,127	9,172	1,811	17,602	15,283	866,637	812,980
Oregon.....	5,898	96,727	29,902	6,365	1,257	12,416	11,218	608,176	581,612
California.....	47,573	841,660	279,012	50,559	11,159	109,479	97,055	5,538,686	5,280,444

<sup>1</sup> Includes paid executives of corporations but not proprietors of unincorporated businesses.Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. VII.



## No. 1082.—RECEIPTS OF SELECTED SERVICE TRADES: 1948 AND 1953

[Based on representative group of establishments. Minus sign (—) denotes decrease]

KIND OF BUSINESS	1948	1953	Percent increase, 1948 to 1953	KIND OF BUSINESS	1948	1953	Percent increase, 1948 to 1953
<b>Personal services, total</b> .....	\$1,000 4,440,189	\$1,000 5,354,856	21	<b>Automobile repair services and garages, total</b> .....	\$1,000 1,561,109	\$1,000 2,112,258	35
Barber shops.....	404,441	499,772	24	<b>Miscellaneous repair services, total</b> .....	947,351	1,361,488	44
Beauty shops.....	417,570	497,046	19	Radio and television repair shops.....	100,679	309,019	207
Shoe repair shops.....	202,176	192,946	—5	Watch, clock, and jewelry repair.....	86,401	111,912	30
Power laundries.....	835,964	898,421	7	Other miscellaneous repair shops.....	760,271	940,557	24
Cleaning and dyeing plants (exc. rug cleaning).....	807,673	1,128,738	40				
Self-service laundries.....	65,409	117,672	80				
Pressing, alteration, garment repair (exc. fur).....	320,148	278,249	—13				
Other personal services.....	1,386,808	1,742,012	26				

Source: Department of Commerce, Bureau of the Census; release.

## No. 1083.—AMUSEMENTS—SUMMARY, BY KIND OF BUSINESS: 1948

[Covers establishments primarily engaged in providing amusement or entertainment. Excludes establishments operated by educational institutions, religious bodies, fraternal groups, government agencies and nonprofit organizations]

KIND OF BUSINESS	Establishments	Receipts (exc. taxes), entire year	Taxes <sup>1</sup>	Payroll, entire year <sup>2</sup>	UNINCORPORATED BUSINESSES		PAID EMPLOYEES AND PAYROLL, WORK WEEK ENDED NEAREST NOV. 15 <sup>3</sup>	
					Active proprietors, Nov.	Unpaid family workers, Nov.	Employees	Payroll
	Number	\$1,000	\$1,000	\$1,000	Number	Number	Number	Dollars
<b>United States</b> .....	50,347	2,349,601	323,396	610,034	37,874	17,458	341,931	11,551,185
Motion picture theaters.....	18,631	1,352,880	261,402	302,511	8,488	6,004	187,031	5,732,102
Bands, orchestras, and entertainers.....	2,026	28,509	( <sup>4</sup> )	17,066	1,742	122	10,335	367,166
Bowling alleys, billiard and pool parlors.....	14,166	202,761	1,364	64,315	13,760	3,448	76,543	1,553,552
Billiard and pool parlors.....	9,661	65,485	442	12,413	9,588	2,007	9,766	265,290
Bowling alleys.....	4,505	137,276	922	51,902	4,172	1,441	66,777	1,288,262
Dance halls, studios, and schools.....	1,074	32,998	4,207	9,879	1,018	865	8,597	194,177
Race track operation, total.....	198	177,032	10,873	35,538	85	33	7,615	593,890
Sports promoters and commercial operators.....	6,518	169,964	23,369	57,553	5,869	4,420	17,196	943,882
Baseball and football clubs, athletic fields, sports promoters.....	589	110,655	20,142	42,803	164	35	8,885	710,493
Baseball clubs (inc. promoters).....	357	65,062	12,121	28,394	34	10	3,066	166,272
Football clubs (inc. promoters).....	21	10,239	1,761	5,464	5	-----	1,047	305,489
Stadiums, athletic fields, promoters of boxing, wrestling, and other athletic events.....	211	35,354	6,260	8,945	125	25	4,772	238,732
Bathing beaches.....	261	3,849	229	1,014	234	277	200	6,775
Golf courses.....	325	8,304	64	2,501	252	157	900	36,195
Riding academies.....	709	5,180	17	1,145	669	460	698	21,933
Skating rinks.....	1,424	19,775	2,144	5,283	1,409	1,237	4,783	115,512
Swimming pools.....	499	6,670	668	1,838	381	371	444	12,090
Commercial sports operators, n. e. c.....	2,711	15,531	105	2,969	2,760	1,883	1,286	40,884
Theaters and theatrical producers (exc. motion picture).....	1,426	133,902	( <sup>4</sup> )	56,803	1,236	143	13,288	1,139,381
Miscellaneous amusement and recreation services.....	6,308	251,555	11,777	66,369	5,676	2,423	21,326	1,027,035
Amusement devices.....	1,604	22,953	1,447	4,703	1,083	704	1,096	36,310
Amusement parks.....	368	38,660	3,388	12,237	270	221	2,708	101,026
Shooting galleries.....	181	1,581	5	339	140	56	139	5,333
Coin-operated amusement device services.....	2,447	97,460	1,731	20,232	2,596	555	7,265	385,079
Misc. amusement and recreation services, n. e. c. <sup>4</sup> .....	1,708	90,901	5,206	28,858	1,587	887	10,118	499,287

<sup>1</sup> Consists of Federal, State and local amusement, sales and excise taxes collected directly from customer and paid directly to taxing agency.<sup>2</sup> Includes paid executives of corporations but not proprietors of unincorporated businesses.<sup>3</sup> Withheld to avoid disclosure of individual operations.<sup>4</sup> Includes legalized gambling operations. Net revenues of pari-mutuel betting at race tracks included in "Race track operation."Source: Department of Commerce, Bureau of the Census; *U. S. Census of Business: 1948*, Vol. VII.

# **No. 1084.—MOTION PICTURE THEATERS—NUMBER OF THEATERS, ADMISSIONS, AND RECEIPTS, BY REGIONS: 1948 AND 1953**

[Excludes data for outdoor theaters. Minus sign(—) denotes decrease. Based on sample; see source for sampling variability]

SUBJECT	United States	REGIONS <sup>1</sup>				Large circuits <sup>2</sup>
		North-east	North Central	South	West	
THEATERS						
Number: <sup>3</sup>						
1948.....	17,689	3,646	5,587	6,020	2,436	( <sup>4</sup> )
1953.....	15,504	3,065	4,710	5,314	2,415	3,939
Percent change, 1948 to 1953.....	-12.4	-15.9	-15.7	-11.7	-0.9	-----
ADMISSIONS AND SEATING CAPACITY						
Number of admissions: <sup>5</sup>						
1948.....	1,000 3,351,778	1,025,145	946,223	953,143	427,267	( <sup>4</sup> )
1953.....	do 2,120,012	520,371	546,512	718,315	325,814	973,048
Percent change, 1948 to 1953.....	-36.7	-48.4	-42.2	-24.6	-23.7	-----
Seating capacity:						
1948.....	1,000 11,701	3,296	3,474	3,304	1,627	( <sup>4</sup> )
1953.....	do 10,327	2,659	2,898	3,199	1,571	3,922
Percent change, 1948 to 1953.....	-11.7	-19.3	-16.6	-3.2	-3.4	-----
Average seating capacity per theater:						
1948.....	661	904	622	549	668	( <sup>4</sup> )
1953.....	666	868	615	602	651	996
Percent change, 1948 to 1953.....	0.8	-4.0	-1.1	9.7	-2.5	-----
RECEIPTS						
Total receipts from customers, incl. taxes:						
1948.....	\$1,000 1,550,614	512,042	432,982	362,375	243,215	( <sup>4</sup> )
1953.....	do 1,152,220	306,704	298,302	335,817	211,307	599,671
Percent change, 1948 to 1953.....	-25.7	-40.1	-31.1	-7.3	-13.1	-----
From admissions:						
1948.....	\$1,000 1,209,922	414,570	335,699	275,830	183,823	( <sup>4</sup> )
1953.....	do 869,603	242,993	223,896	247,888	154,826	448,606
Percent change, 1948 to 1953.....	-28.1	-41.4	-33.3	-10.1	-15.8	-----
From admission taxes, total, 1953.....	\$1,000 183,056	51,200	46,347	53,535	31,974	93,982
Federal.....	do 170,575	47,983	43,824	48,043	30,725	88,392
Direct receipts from customers: <sup>6</sup>						
1948.....	\$1,000 85,815	9,843	27,288	27,761	20,923	( <sup>4</sup> )
1953.....	do 99,561	12,601	28,059	34,394	24,507	57,684
Percent change, 1948 to 1953.....	16.0	28.0	2.8	23.9	17.1	-----

<sup>1</sup> See map, page XVI. <sup>2</sup> Operating 11 or more theaters as reported in the 1948 Census of Business.

<sup>3</sup> As of December 31. <sup>4</sup> Not available.

<sup>5</sup> For 1948, total number of admissions; for 1953, total number of paid admissions.

<sup>6</sup> Includes direct sale of candy, popcorn, etc.; excludes sales by independent concessionaires and revenues from such concessionaires.

Source: Department of Commerce, Bureau of the Census; 1953 Report on Motion Picture Theaters.

# **No. 1085.—CLEANING AND DYEING PLANTS, AND POWER LAUNDRIES—NUMBER OF ESTABLISHMENTS AND RECEIPTS: 1948 AND 1953**

[Excludes plants primarily engaged in rug cleaning. Minus sign (—) denotes decrease. Based on sample; see source for sampling variability]

ITEM	CLEANING AND DYEING PLANTS			POWER LAUNDRIES		
	1948	1953	Percent	1948	1953	Percent
Number of establishments <sup>1</sup>	24,017	30,499	-----	6,395	6,206	-----
Increase, 1948 to 1953.....		6,482	27		-189	-3
Receipts (\$1,000):						
All establishments.....	807,673	1,128,738	-----	835,964	898,421	-----
Increase, 1948 to 1953.....		321,065	40		62,457	7
Reporting distribution between cash-and-carry and delivered work receipts.....		1,042,597	100.0		842,922	100.0
Cash-and-carry work.....		607,355	58.3		183,038	21.7
Delivered work <sup>2</sup> .....		420,280	40.3		639,868	75.9
Other receipts.....		14,932	1.4		20,016	2.4
Reporting distribution between cleaning and pressing and laundry work receipts.....		1,100,100	100.0		874,503	100.0
Cleaning and pressing work.....		1,015,633	92.4		172,336	19.7
Laundry work.....		67,559	6.1		679,065	77.7
Other receipts.....		16,908	1.5		23,102	2.6

<sup>1</sup> Excludes branch outlets. <sup>2</sup> Includes wholesale work.

Source: Department of Commerce, Bureau of the Census; 1953 Report on Cleaning and Laundering.



# No. 1086.—POWER LAUNDRIES, CLEANING AND DYEING ESTABLISHMENTS, AND RUG CLEANING ESTABLISHMENTS—SUMMARY: 1919 TO 1948

[All money figures in thousands of dollars. Statistics for 1948 cover establishments reporting receipts of \$500 or more; statistics for 1939 cover establishments reporting receipts of \$100 or more; for preceding specified census years statistics cover establishments reporting receipts of \$5,000 or more. The Business Censuses of 1948 and 1939 classified establishments shown in this table as service establishments. Statistics for 1935 and earlier years were compiled in connection with the Census of Manufactures. Rug cleaning was treated, in general, as an activity of the power laundry industry for 1929 and earlier years]

YEAR	Number of establishments	Proprietors and firm members	Salaried employees	Wage earners <sup>1</sup> (average for year)	Salaries <sup>1</sup>	Wages <sup>1</sup>	Cost of supplies, fuel, and purchased electric energy	Cost of contract work	Receipts for work done
<b>Power laundries:</b>									
1919	4,881	( <sup>2</sup> )	( <sup>2</sup> )	130,489	( <sup>2</sup> )	91,926	52,842	1,555	233,816
1925	4,859	3,851	15,412	169,200	31,613	162,466	55,407	1,107	362,295
1929	6,776	5,220	21,964	233,187	49,833	228,861	80,265	( <sup>2</sup> )	541,158
1935	6,316	4,244	19,920	208,354	34,586	154,791	62,796	2,356	369,452
1939	6,773	5,174	( <sup>4</sup> )	<sup>4</sup> 249,008	( <sup>5</sup> )	<sup>5</sup> 233,606	( <sup>2</sup> )	( <sup>2</sup> )	453,579
1948	6,783	5,569	( <sup>4</sup> )	<sup>4</sup> 272,495	( <sup>5</sup> )	<sup>5</sup> 501,646	( <sup>2</sup> )	( <sup>2</sup> )	913,036
<b>Cleaning and dyeing establishments:</b>									
1919	1,748	( <sup>2</sup> )	( <sup>2</sup> )	18,408	( <sup>2</sup> )	17,866	11,511	461	53,183
1925	2,406	2,263	5,769	29,386	10,550	37,590	15,188	814	102,394
1929	5,296	4,912	9,244	59,148	20,390	75,931	26,837	( <sup>2</sup> )	201,255
1935	5,510	4,980	9,334	57,286	12,483	49,792	21,656	1,129	130,657
1939	11,604	11,845	( <sup>4</sup> )	<sup>4</sup> 82,810	( <sup>5</sup> )	<sup>5</sup> 80,014	( <sup>2</sup> )	( <sup>2</sup> )	182,698
1948	24,017	26,601	( <sup>4</sup> )	<sup>4</sup> 203,867	( <sup>5</sup> )	<sup>5</sup> 385,155	( <sup>2</sup> )	( <sup>2</sup> )	807,673
<b>Rug cleaning establishments:</b>									
1935	506	395	670	2,344	1,136	2,260	1,211	90	8,001
1939	1,012	949	( <sup>4</sup> )	<sup>4</sup> 3,429	( <sup>5</sup> )	<sup>5</sup> 3,968	( <sup>2</sup> )	( <sup>2</sup> )	10,618
1948	1,517	1,547	( <sup>4</sup> )	<sup>4</sup> 6,159	( <sup>5</sup> )	<sup>5</sup> 14,279	( <sup>2</sup> )	( <sup>2</sup> )	36,684

<sup>1</sup> Includes data for paid executives of corporations but not for proprietors of unincorporated businesses.

<sup>2</sup> No comparable data.

<sup>3</sup> Included in figure for cost of supplies, fuel, and purchased electric energy.

<sup>4</sup> Data for "Salaried employees" included in "Wage earners (average for year)." 1948 data covered all paid employees who were on the payroll during the November 15 workweek.

<sup>5</sup> Data for "Salaries" included in "Wages."

Source: Department of Commerce, Bureau of the Census; Biennial Census of Manufactures reports for 1935 and earlier years; 1939 *Census of Business*, Vol. III; and U. S. *Census of Business: 1948*, Vol. VII.

## No. 1087.—HOTELS—SUMMARY, 1929 TO 1948, AND BY SIZE, 1948

[Covers commercial establishments known to the public as hotels and primarily engaged in providing lodging, or lodging and meals, to the general public. For 1935, 1939, and 1948 hotels having less than 6 guest rooms or receipts of less than \$500 for a full year's operations were excluded]

YEAR	Number of hotels	Number of guest rooms	Receipts (\$1,000)	Paid employees <sup>1</sup>	Total payroll <sup>1</sup> (\$1,000)
<b>All hotels:</b>					
1939	27,987	1,444,390	863,155	338,029	243,228
1948	29,650	1,549,823	2,172,756	398,293	660,004
<b>Year-round hotels with 25 or more guest rooms:</b>					
1929 <sup>2</sup>	11,873	1,005,684	873,508	267,903	232,137
1933 <sup>2</sup>	10,680	890,866	398,674	190,183	118,489
1935 <sup>2</sup>	11,373	934,661	565,317	234,491	158,400
1939	14,084	1,143,704	759,084	303,621	224,877
1948	14,547	1,192,728	1,854,806	370,422	591,529

ITEM	SIZE OF HOTEL, 1948				
	Less than 25 rooms	25 to 49 rooms	50 to 99 rooms	100 to 299 rooms	300 rooms or more
Number of hotels	12,307	8,679	5,268	2,862	534
Receipts	\$1,000 157,271	220,449	341,132	681,838	772,066
Active proprietors of unincorporated businesses	12,618	8,363	3,992	1,324	94
Paid employees <sup>1</sup>	21,082	34,281	59,980	134,459	148,491

<sup>1</sup> Includes data for paid executives of corporations but not for proprietors of unincorporated businesses. For 1929, 1933, and 1935, average based on number of employees for April, July, October, and December; for 1939, average for year; for 1948, number for workweek ending nearest Nov. 15.

<sup>2</sup> Excludes California.

Source: Department of Commerce, Bureau of the Census; 1939 *Census of Business*, Vol. III, and U. S. *Census of Business-1948*, Vol. VI.

## No. 1088.—HOTELS—SUMMARY, BY STATES: 1948

[See headnote, table 1087]

DIVISION AND STATE	Hotels	Guest rooms	Active proprietors, <sup>1</sup> No- vember	Payroll, entire year <sup>2</sup>	RECEIPTS, ENTIRE YEAR				PAID EMPLOYEES AND PAYROLL, WORK WEEK ENDED NEAREST NOV. 15	
					Total	Room rentals and sales of meals <sup>3</sup>	Sales of alco- holic drinks	Other sources	Em- ployees	Payroll
United States	Number 29,650	Number 1,549,823	Number 26,411	\$1,000 660,004	\$1,000 2,172,756	\$1,000 1,762,905	\$1,000 248,441	\$1,000 161,410	Number 398,293	\$1,000 12,449
Year-round-hotels.....	24,448	1,343,081	21,116	614,538	1,981,626	1,592,164	237,393	152,069	389,025	12,127
Seasonal hotels.....	5,202	206,742	5,295	45,466	191,130	170,741	11,048	9,341	9,268	322
New England.....	2,192	94,233	1,810	42,572	143,273	111,034	24,981	7,258	22,705	690
Maine.....	462	17,699	411	4,796	17,975	13,944	3,059	972	2,517	65
New Hampshire.....	460	15,446	459	3,962	15,096	13,266	1,158	672	1,377	35
Vermont.....	221	6,670	173	2,304	8,318	6,623	1,267	428	1,308	35
Massachusetts.....	665	35,302	454	22,004	70,503	53,433	13,469	3,601	12,457	393
Rhode Island.....	96	4,822	76	2,660	8,481	6,167	2,029	285	1,352	46
Connecticut.....	288	14,294	237	6,846	22,900	17,601	3,999	1,300	3,694	116
Middle Atlantic.....	5,058	342,628	4,615	194,325	610,165	488,771	87,745	33,649	99,049	3,443
New York.....	2,664	220,637	2,324	134,701	409,571	330,831	55,470	23,270	64,373	2,389
New Jersey.....	1,170	60,322	1,112	24,322	83,655	69,614	10,538	3,503	11,842	390
Pennsylvania.....	1,224	61,669	1,179	35,302	116,939	88,326	21,737	6,876	22,834	663
East North Central.....	4,545	286,264	3,949	131,221	418,125	327,413	56,735	33,977	79,349	2,555
Ohio.....	766	52,889	553	29,902	92,320	72,235	13,499	6,586	19,337	591
Indiana.....	522	26,796	439	10,539	35,606	28,790	4,289	2,527	7,678	208
Illinois.....	1,259	117,284	1,003	57,848	171,403	138,538	17,467	15,398	31,664	1,125
Michigan.....	1,136	58,929	1,129	20,627	73,946	54,839	12,587	6,520	13,237	412
Wisconsin.....	862	30,366	825	12,305	44,850	33,011	8,893	2,946	7,433	219
W. North Central.....	3,303	145,270	3,115	49,716	170,446	142,678	14,960	12,808	36,172	1,003
Minnesota.....	818	33,479	832	12,090	40,690	32,889	4,838	2,963	7,469	236
Iowa.....	442	21,082	398	6,991	23,782	21,053	1,010	1,719	5,678	138
Missouri.....	818	45,621	703	18,434	59,321	48,421	6,404	4,496	12,812	380
North Dakota.....	219	7,648	226	1,857	8,368	6,387	1,122	859	1,544	38
South Dakota.....	194	6,535	168	1,439	5,841	5,093	270	478	1,156	31
Nebraska.....	347	14,348	328	4,985	17,834	15,395	1,210	1,229	4,038	99
Kansas.....	465	16,557	460	3,920	14,610	13,440	106	1,064	3,475	81
South Atlantic.....	3,697	187,590	3,094	75,285	268,231	231,321	17,099	19,811	52,721	1,451
Delaware.....	71	1,981	72	1,380	4,638	2,784	972	882	753	25
Maryland.....	262	11,159	231	5,668	19,358	14,775	3,042	1,541	4,026	103
Dist. of Columbia.....	100	16,699	63	13,465	40,931	32,287	5,027	3,617	7,884	268
Virginia.....	447	19,839	353	9,619	32,091	28,575	777	2,739	7,178	175
West Virginia.....	255	11,453	197	4,622	14,630	13,275	234	1,121	3,847	104
North Carolina.....	405	18,805	319	5,837	21,987	20,612	266	1,109	4,937	110
South Carolina.....	196	7,877	155	2,629	9,676	9,053	182	441	2,351	47
Georgia.....	346	17,878	270	6,570	25,109	21,182	1,485	2,442	6,282	129
Florida.....	1,615	81,899	1,434	25,495	99,811	88,778	5,114	5,919	15,463	490
East South Central.....	1,035	47,838	863	18,879	67,471	58,512	2,864	6,095	17,348	368
Kentucky.....	308	13,311	281	5,480	19,186	16,097	1,525	1,564	4,421	105
Tennessee.....	323	16,427	263	6,683	23,623	20,919	285	2,419	6,422	131
Alabama.....	214	9,386	173	3,606	13,285	11,484	737	1,064	3,519	71
Mississippi.....	190	8,714	146	3,110	11,377	10,012	317	1,048	2,986	62
W. South Central.....	2,705	110,826	2,231	37,456	132,472	111,953	4,481	16,038	31,250	750
Arkansas.....	319	12,094	309	3,632	13,329	11,549	195	1,585	3,427	74
Louisiana.....	287	12,452	221	6,478	22,953	17,813	2,908	2,232	5,494	123
Oklahoma.....	607	23,308	530	5,412	17,751	16,002	122	1,627	4,442	109
Texas.....	1,492	62,972	1,171	21,934	78,439	66,589	1,256	10,594	17,887	444
Mountain.....	2,322	85,233	2,252	30,841	105,604	78,564	12,684	14,356	17,147	612
Montana.....	398	13,673	430	3,266	12,498	9,426	2,257	815	2,118	69
Idaho.....	220	7,460	203	3,279	9,309	7,209	821	1,279	1,727	60
Wyoming.....	208	7,928	202	2,158	8,039	6,183	1,367	489	932	31
Colorado.....	652	25,525	669	6,690	24,316	20,238	2,452	1,626	4,341	133
New Mexico.....	237	7,216	226	2,058	7,882	6,372	922	588	1,569	42
Arizona.....	266	9,479	213	4,392	14,606	11,968	1,638	1,000	2,485	89
Utah.....	188	7,561	173	2,599	8,470	7,375	221	874	1,682	48
Nevada.....	153	6,391	136	6,399	20,484	9,793	3,006	7,685	2,293	139
Pacific.....	4,793	249,941	4,482	79,709	256,969	212,659	26,892	17,418	42,552	1,579
Washington.....	781	42,243	712	10,618	32,207	29,134	888	2,185	6,048	212
Oregon.....	468	23,389	502	6,212	19,881	17,893	476	1,512	3,664	125
California.....	3,544	184,309	3,268	62,879	204,881	165,632	25,528	13,721	32,840	1,242

<sup>1</sup> Active proprietors of unincorporated businesses.<sup>2</sup> Includes paid executives of corporations but not proprietors of unincorporated businesses.<sup>3</sup> 8,998 hotels with total receipts of \$1,634,401,000 reported rentals and sales of meals separately as follows: rentals, \$720,113,000; meals, \$554,992,000.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Business: 1948, Vol. VI.



## No. 1089.—ADVERTISING—ESTIMATED EXPENDITURES, BY MEDIUM: 1950 TO 1954

[Amounts in millions]

MEDIUM	1950		1951		1952		1953		1954 (prel.)	
	Amount	Per- cent of total	Amount	Per- cent of total	Amount	Per- cent of total	Amount	Per- cent of total	Amount	Per- cent of total
<b>Total</b> .....	\$5,710	100.0	\$6,426	100.0	\$7,156	100.0	\$7,809	100.0	\$8,145	100.0
National.....	3,257	57.0	3,701	57.6	4,096	57.2	4,526	58.0	4,819	59.1
Local.....	2,453	43.0	2,725	42.4	3,060	42.8	3,283	42.0	3,326	40.9
Newspapers.....	2,076	36.3	2,258	35.1	2,473	34.6	2,645	33.8	2,671	32.8
National.....	533	9.3	549	8.5	562	7.9	643	8.2	649	8.0
Local.....	1,542	27.0	1,709	26.6	1,910	26.7	2,002	25.6	2,022	24.8
Radio.....	605	10.6	606	9.4	624	8.7	629	8.1	608	7.4
Network.....	196	3.4	179	2.8	162	2.3	154	2.0	134	1.6
Spot.....	136	2.4	138	2.2	142	2.0	140	1.8	133	1.6
Local.....	273	4.8	289	4.5	321	4.5	334	4.3	341	4.2
Television.....	171	3.0	332	5.2	454	6.3	606	7.8	809	9.9
Network.....	85	1.5	181	2.8	256	3.6	320	4.1	444	5.4
Spot.....	31	0.5	70	1.1	94	1.3	145	1.9	189	2.3
Local.....	55	1.0	82	1.3	104	1.4	141	1.8	176	2.2
Magazines.....	515	9.0	574	8.9	616	8.6	667	8.5	674	8.3
Weeklies.....	261	4.6	297	4.6	325	4.5	351	4.5	360	4.4
Women's.....	129	2.3	144	2.2	149	2.1	158	2.0	152	1.9
General.....	88	1.5	95	1.5	101	1.4	118	1.5	123	1.5
Farm.....	37	0.6	38	0.6	41	0.6	41	0.5	39	0.5
Farm papers.....	21	0.4	26	0.4	29	0.4	31	0.4	29	0.4
Direct mail.....	803	14.1	924	14.4	1,024	14.3	1,099	14.1	1,165	14.3
Business papers.....	251	4.4	292	4.5	365	5.1	395	5.0	405	5.0
Outdoor.....	143	2.5	149	2.3	162	2.3	176	2.3	186	2.3
National.....	96	1.7	101	1.6	109	1.5	119	1.6	125	1.6
Local.....	46	0.8	49	0.8	53	0.7	57	0.7	60	0.7
Miscellaneous.....	1,125	19.7	1,265	19.7	1,409	19.7	1,561	20.0	1,599	19.6
National.....	610	10.7	693	10.8	766	10.7	843	10.8	901	11.0
Local.....	515	9.0	572	8.9	643	9.0	718	9.2	698	8.6

Source: Compiled by McCann-Erickson, Inc., for Printers' Ink Publications, New York, N. Y. Published in *Printers' Ink*.

## No. 1090.—ADVERTISING—INDEXES OF NATIONAL ADVERTISING EXPENDITURES, BY MEDIA TYPE: 1935 TO 1954

[1947-49=100. Base for all indexes is the average monthly expenditure for those media which give national coverage]

TYPE	1935	1940	1945	1949	1950	1951	1952	1953	1954
<b>PRINTERS' INK</b>									
General index.....	30	41	72	106	116	130	143	158	168
Total magazines.....	27	40	73	99	103	115	123	133	135
Weekly.....	22	42	75	98	105	119	130	140	144
Women's.....	39	37	74	98	98	109	113	119	115
General.....	29	40	70	98	103	112	119	138	144
Farm.....	19	36	61	105	112	116	122	123	118
Network radio.....	30	55	97	99	96	88	79	69	71
Network television <sup>1</sup> .....				17	49	104	147	186	255
Newspapers.....	38	41	52	118	133	137	140	158	162
Outdoor.....	27	39	59	104	113	118	128	138	146
Business papers.....	21	31	84	102	103	120	150	164	166
<b>TIDE</b>									
General index.....					113.1	126.4	137.8	154.6	161.0
Newspapers.....					126.7	128.1	130.3	148.7	152.5
Magazines.....					102.3	111.9	122.9	132.8	135.1
Network radio.....					95.3	90.4	84.8	83.0	71.4
Network television <sup>2</sup> .....						100.0	141.1	178.0	250.7
Outdoor.....					114.3	118.0	128.8	139.5	147.8
Farm.....					106.5	107.9	114.0	114.3	110.0
Business papers.....					100.3	125.5	146.8	167.2	163.8

<sup>1</sup> Base period: 1950-52=100.

<sup>2</sup> Base period: 1951=100.

Source: Printers' Ink Publications, New York, N. Y.; Tide Publishing Co., New York, N. Y.

### No. 1091.—ADVERTISING—EXPENDITURES FOR NATIONAL ADVERTISING IN NEWSPAPERS, BY TYPE OF PRODUCT: 1952 TO 1954

[In thousands of dollars. Data are compiled on basis of actual space measurements of bulk of "national" advertising carried by weekday and Sunday newspapers. Figures represent projections to 100 percent; newspapers actually measured account for approximately 88 percent or slightly better of total weekday circulation and approximately 92 percent or better of total Sunday circulation]

TYPE OF PRODUCT	1952	1953	1954	TYPE OF PRODUCT	1952	1953	1954
<b>Total</b> .....	<b>526,058</b>	<b>601,224</b>	<b>594,120</b>	Insurance.....	5,780	8,518	10,952
Agriculture.....	9,888	12,510	11,208	Jewelry and silverware.....	1,170	1,217	1,287
Alcoholic beverages.....	51,525	57,390	61,087	Medical.....	23,646	21,294	20,678
Amusements.....	1,668	1,086	1,243	Professional and service.....	765	840	803
Automotive.....	97,874	129,623	139,861	Publications.....	17,853	16,788	16,344
Confections.....	3,670	3,284	4,135	Public utilities.....	11,256	13,747	13,845
Educational.....	1,423	1,491	1,686	Radio and television.....	18,782	26,975	17,072
Groceries.....	120,825	133,131	129,446	Sporting goods.....	2,467	3,498	4,768
Hotels and resorts.....	11,639	12,444	12,826	Tobacco.....	16,918	20,137	16,702
Housing equipment and supplies.....	20,646	26,226	26,278	Toilet requisites.....	43,049	46,328	39,980
Industrial.....	11,681	11,708	11,153	Transportation.....	24,163	27,904	29,298
				Wearing apparel.....	6,789	6,553	6,996
				Miscellaneous.....	22,581	18,532	16,472

Source: Compiled by Media Records, Inc., for Bureau of Advertising of American Newspaper Publishers Association; published in *Advertising Age*.

### No. 1092.—ADVERTISING—NEWSPAPER ADVERTISING LINAGE FOR 52 CITIES: 1928 TO 1954

[In thousands of lines. Data represent newspaper linage in all newspapers, daily and Sunday, in the following 52 cities: Akron, Albany, Albuquerque, Atlanta, Baltimore, Birmingham, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Columbus, Dallas, Dayton, Denver, Detroit, El Paso, Fort Worth, Hartford, Houston, Indianapolis, Jacksonville, Knoxville, Los Angeles, Memphis, Milwaukee, Minneapolis, Nashville, New Orleans, Oakland, Oklahoma City, Omaha, Pittsburgh, Portland (Oreg.), Reading, Richmond, Rochester, Salt Lake City, San Antonio, San Diego, San Francisco, Seattle, South Bend, Spokane, St. Louis, Syracuse, Tacoma, Toledo, Tulsa, Washington, Worcester, and Youngstown. List of cities is unchanged throughout the period covered by the data. General advertising is the advertising of specific products on general sale, as distinguished from the advertising of retail stores, and automotive or financial advertising]

MONTHLY AVERAGE	Total	Classified	DISPLAY				
			Total	Auto-motive	Financial	General	Retail
1928.....	150,207	28,820	121,387	11,860	5,500	24,148	79,878
1929.....	158,101	28,787	129,314	12,539	6,181	28,240	82,354
1930.....	137,854	24,913	112,941	8,932	4,938	25,254	73,817
1931.....	122,072	22,106	99,966	6,718	3,415	21,818	68,015
1932.....	97,064	18,363	78,701	5,316	1,973	16,819	54,592
1933.....	88,793	16,439	72,354	5,220	1,682	15,670	49,782
1934.....	98,240	17,110	81,130	6,109	1,594	17,615	55,812
1935.....	103,912	19,081	84,831	6,077	1,776	18,081	58,896
1936.....	115,010	22,123	92,887	6,069	2,085	20,959	63,774
1937.....	117,472	23,618	93,854	5,650	1,873	20,596	65,734
1938.....	102,097	21,251	80,846	3,938	1,598	15,996	59,315
1939.....	103,629	21,060	82,569	4,390	1,692	15,988	60,498
1940.....	105,719	21,901	83,818	5,167	1,619	15,719	61,313
1941.....	109,436	22,714	86,722	4,704	1,707	16,171	64,141
1942.....	103,473	21,443	82,030	2,235	1,469	16,388	61,938
1943.....	116,368	27,920	88,448	2,696	1,480	20,619	63,653
1944.....	113,437	25,741	87,696	2,623	1,530	20,910	62,632
1945.....	115,969	26,680	89,289	2,888	1,841	20,504	64,056
1946.....	144,143	35,305	108,838	3,509	2,198	22,190	80,940
1947.....	167,378	39,467	127,911	5,723	2,035	26,217	93,937
1948.....	188,621	43,537	145,083	6,895	2,149	28,220	107,819
1949.....	191,831	40,335	151,495	8,790	2,112	29,565	111,028
1950.....	203,346	42,553	160,793	10,049	2,356	32,464	115,924
1951.....	206,539	48,501	158,037	9,166	2,514	30,555	115,802
1952.....	208,783	51,459	157,323	8,952	2,690	29,094	116,587
1953.....	217,483	54,045	163,438	11,675	2,784	30,648	118,332
1954.....	215,098	50,231	164,867	11,918	3,029	29,837	120,083

Source: Compiled by Media Records, Inc. and published currently in Department of Commerce, Office of Business Economics, *Survey of Current Business*.



## No. 1093.—ADVERTISING—VOLUME OF MAGAZINE ADVERTISING: 1949 TO 1954

[In thousands of dollars. Data represent advertising revenue of general magazines and national farm magazines. Space cost is based on one-time rate; special rates are used where applicable. Retail advertising and direct-mail advertising are not distributed according to type of product, but are included in "All other." Figures from year to year may not be strictly comparable, as a few minor publications are added or deleted]

TYPE OF PRODUCT	1949	1950	1951	1952	1953	1954
<b>Cost, total</b> .....	<b>440,795</b>	<b>458,451</b>	<b>513,851</b>	<b>553,024</b>	<b>603,114</b>	<b>604,121</b>
Apparel, footwear and accessories.....	41,718	39,038	44,517	44,565	48,865	49,065
Automotive, automotive accessories and equipment.....	40,906	41,969	41,379	46,935	55,995	54,648
Beer, wine and liquor.....	26,847	26,581	31,278	30,118	30,670	30,759
Building materials, equipment and fixtures.....	17,817	20,064	24,851	28,225	32,093	32,654
Drugs and remedies.....	11,591	12,774	14,354	17,061	16,451	18,149
Food and food products.....	50,860	53,591	57,628	61,224	67,080	72,467
Household equipment and supplies.....	27,913	34,326	34,774	35,623	40,393	37,058
Household furnishings.....	23,475	24,820	28,433	26,830	29,231	26,043
Industrial materials.....	20,904	24,490	33,348	40,578	42,818	43,271
Smoking materials.....	14,309	12,997	13,663	14,550	14,822	16,457
Toiletries and toilet goods.....	37,402	37,541	40,061	40,931	39,489	38,696
Transportation, hotels and resorts, industrial and agricultural development.....	14,663	15,627	18,014	21,618	23,905	23,308
All other.....	112,390	114,633	131,551	144,766	161,302	161,546

Source: Publishers' Information Bureau, Inc., New York, N. Y.

No. 1094.—ADVERTISING—GROSS TIME COST FOR RADIO AND TELEVISION  
ADVERTISING: 1950 TO 1954

[In thousands of dollars. Gross time charges computed at the one-time rate, before application of size and frequency discounts. Net time charges are approximately 40 percent less for radio and 25 percent less for television. No allowance included for talent, production, and wire charges]

TYPE OF PRODUCT	RADIO				TELEVISION			
	1950	1952	1953	1954	1950 <sup>1</sup>	1952	1953	1954
<b>Cost of facilities, total</b> .....	<b>183,519</b>	<b>163,453</b>	<b>160,535</b>	<b>137,641</b>	<b>40,779</b>	<b>180,795</b>	<b>227,586</b>	<b>320,131</b>
Apparel, footwear and accessories.....	1,508	420	1,223	489	901	2,985	2,832	3,236
Automotive, automotive accessories and equipment.....	5,009	4,376	8,025	9,633	5,325	15,465	21,059	29,204
Beer, wine and liquor.....	2,775	2,203	1,896	2,955	1,704	5,650	5,727	6,981
Confectionery and soft drinks.....	6,148	5,297	3,012	2,645	1,839	5,042	5,610	6,179
Drugs and remedies.....	24,433	21,030	21,125	17,089	392	6,103	9,641	15,849
Food and food products.....	44,861	36,834	35,126	28,770	6,602	33,807	42,182	64,472
Gasoline, lubricants and other fuel.....	5,509	5,180	4,960	5,114	1,516	3,613	2,861	3,988
Household equipment and supplies.....	3,086	6,651	6,495	3,623	2,653	11,460	19,946	26,403
Household furnishings.....	601	1,435	1,652	225	2,090	2,328	2,938	4,031
Insurance.....	2,853	3,336	2,242	2,387	79	605	1,452	1,765
Radios, TV sets, phonographs, musical instruments and accessories.....	1,232	2,876	2,489	1,973	3,421	5,682	4,325	8,595
Smoking materials.....	22,489	15,960	15,008	10,779	6,250	28,430	36,060	42,728
Soaps, cleansers and polishes.....	20,700	18,326	15,891	14,883	863	21,004	22,907	34,607
Toiletries and toilet goods.....	25,783	23,215	26,028	18,160	4,183	24,804	36,339	49,963
All other.....	16,532	16,314	15,363	18,916	2,961	13,817	13,707	22,131

<sup>1</sup> Excludes Du Mont.

Source: Publishers' Information Bureau, Inc., New York, N. Y.

# No. 1095.—CORPORATION EXPENDITURES FOR ADVERTISING, COMPARED WITH SALES AND RECEIPTS, BY INDUSTRY: 1951 AND 1952

[Compiled from corporation income tax returns, excluding returns of inactive corporations. See headnote and footnotes, table 582]

INDUSTRY GROUP	1951				1952			
	Number of corporations	Gross sales and gross receipts from operations	Advertising expenditures		Number of corporations	Gross sales and gross receipts from operations	Advertising expenditures	
			Amount	Per cent of sales, etc.			Amount	Per cent of sales, etc.
Total.....	652, 376	\$1,000 497, 202, 910	\$1,000 4, 552, 880	0. 916	672, 071	\$1,000 509, 318, 667	\$1,000 5, 026, 771	0. 987
Agriculture, forestry, and fishery.....	8, 734	2, 322, 869	13, 457	0. 579	8, 869	2, 449, 693	13, 220	0. 540
Farms and agricultural services.....	8, 028	2, 233, 668	13, 352	0. 598	8, 155	2, 350, 607	13, 021	0. 554
Forestry and fishery.....	706	89, 201	105	0. 118	714	99, 086	199	0. 201
Mining and quarrying.....	9, 036	9, 315, 739	9, 835	0. 106	9, 055	9, 365, 614	12, 968	0. 138
Construction.....	29, 593	14, 010, 409	30, 970	0. 221	31, 817	15, 052, 269	34, 629	0. 230
Manufacturing.....	120, 196	251, 227, 171	2, 576, 760	1. 026	119, 399	257, 322, 071	2, 873, 948	1. 117
Beverages.....	3, 066	6, 982, 544	234, 960	3. 365	3, 295	7, 224, 142	243, 133	3. 366
Food and kindred products.....	11, 000	35, 674, 168	497, 240	1. 394	10, 250	35, 965, 543	560, 535	1. 559
Tobacco manufactures.....	190	3, 395, 312	109, 900	3. 237	151	3, 719, 951	124, 374	3. 343
Textile-mill products.....	6, 030	14, 264, 571	72, 569	0. 509	5, 495	13, 069, 666	76, 427	0. 585
Apparel and products made from fabrics.....	14, 753	8, 873, 951	73, 340	0. 826	14, 440	9, 042, 801	76, 319	0. 844
Furniture and fixtures.....	4, 432	3, 224, 556	31, 897	0. 989	4, 733	3, 362, 693	37, 966	1. 129
Paper and allied products.....	2, 752	8, 293, 443	30, 912	0. 373	2, 809	7, 742, 218	39, 703	0. 513
Printing, publishing, and allied industries.....	13, 295	7, 332, 552	43, 772	0. 597	13, 455	7, 843, 732	50, 486	0. 644
Chemicals and allied products.....	7, 667	18, 054, 855	475, 567	2. 634	7, 628	17, 723, 891	515, 268	2. 907
Petroleum and coal products.....	690	23, 480, 978	101, 558	0. 433	697	23, 904, 375	111, 426	0. 466
Rubber products.....	717	4, 851, 165	46, 497	0. 958	734	4, 867, 461	57, 341	1. 178
Leather and products.....	2, 840	3, 447, 881	30, 505	0. 885	2, 921	3, 314, 497	36, 112	1. 090
Stone, clay, and glass products.....	4, 356	5, 688, 849	38, 208	0. 672	4, 209	5, 547, 264	43, 503	0. 784
Primary metal industries.....	3, 126	22, 604, 313	42, 554	0. 188	2, 948	20, 207, 042	53, 342	0. 264
Fabricated metal products <sup>1</sup> .....	10, 536	12, 603, 574	105, 215	0. 835	10, 854	12, 599, 134	127, 105	1. 009
Machinery <sup>2</sup> .....	10, 713	20, 451, 871	183, 193	0. 896	10, 910	22, 068, 799	203, 354	0. 921
Electrical machinery and equip.....	3, 414	12, 222, 968	190, 053	1. 555	3, 639	14, 814, 834	220, 415	1. 488
Motor vehicles and equipment <sup>3</sup> .....	1, 286	19, 425, 735	91, 300	0. 470	1, 194	19, 761, 726	99, 733	0. 505
Scientific instruments, photographic equipment, watches, and clocks.....	2, 022	3, 041, 218	61, 872	2. 034	2, 105	3, 556, 603	70, 337	1. 978
Other.....	17, 311	17, 312, 667	115, 648	0. 668	16, 932	20, 985, 699	127, 069	0. 606
Public utilities.....	26, 828	35, 112, 198	116, 341	0. 331	28, 460	37, 455, 570	129, 972	0. 347
Transportation.....	19, 354	21, 325, 530	69, 757	0. 327	20, 854	22, 241, 023	78, 282	0. 352
Other.....	7, 474	13, 786, 668	46, 584	0. 338	7, 606	15, 214, 547	51, 690	0. 340
Trade.....	216, 309	166, 250, 689	1, 488, 856	0. 896	221, 314	166, 656, 973	1, 573, 048	0. 944
Wholesale.....	71, 592	86, 407, 740	375, 364	0. 434	72, 126	83, 880, 507	395, 279	0. 471
Retail.....	129, 228	71, 679, 994	1, 038, 662	1. 449	131, 454	74, 373, 566	1, 091, 555	1. 468
Food.....	9, 607	15, 815, 551	86, 434	0. 547	10, 275	17, 731, 231	96, 221	0. 543
General merchandise.....	7, 553	16, 209, 373	390, 789	2. 411	7, 122	16, 667, 067	412, 023	2. 472
Apparel and accessories.....	17, 052	5, 400, 721	143, 393	2. 655	17, 827	5, 703, 998	149, 961	2. 629
Furniture, housefurnishings.....	11, 886	2, 938, 697	94, 450	3. 214	11, 683	3, 054, 023	104, 009	3. 406
Automotive dealers, filling stations.....	24, 069	17, 349, 903	174, 781	1. 007	23, 793	16, 758, 738	170, 640	1. 018
Other.....	59, 061	13, 965, 749	148, 815	1. 066	60, 754	14, 458, 809	158, 701	1. 098
Trade not allocable.....	15, 489	8, 162, 955	74, 830	0. 917	17, 734	8, 402, 600	86, 214	1. 026
Finance, insurance, real estate, and lessors of real property.....	177, 832	8, 705, 973	139, 010	1. 597	185, 855	9, 856, 982	188, 541	1. 913
Finance.....	37, 575	1, 904, 414	85, 909	4. 511	42, 763	2, 157, 352	130, 078	6. 030
Banks and trust companies.....	14, 657	678, 113	55, 671	8. 210	14, 806	764, 769	72, 410	9. 468
Other.....	22, 918	1, 226, 301	30, 238	2. 466	27, 957	1, 392, 583	57, 668	4. 141
Insurance carriers and agents.....	10, 865	5, 593, 936	19, 685	0. 352	11, 538	6, 250, 601	19, 696	0. 315
Real estate <sup>4</sup> .....	129, 392	1, 207, 623	33, 416	2. 767	131, 554	1, 447, 323	38, 767	2. 679
Services.....	58, 268	10, 155, 861	176, 997	1. 743	61, 647	11, 067, 100	200, 037	1. 807
Hotels and lodging places.....	6, 648	1, 461, 268	25, 990	1. 779	6, 827	1, 502, 625	26, 595	1. 770
Personal services.....	12, 063	1, 689, 568	25, 674	1. 620	12, 249	1, 674, 071	26, 200	1. 565
Business services.....	12, 625	2, 748, 306	21, 787	0. 793	14, 394	3, 184, 744	33, 181	1. 042
Motion pictures.....	6, 089	1, 804, 014	62, 871	3. 485	6, 090	1, 945, 253	68, 613	3. 527
Amusement, exc. motion pictures.....	6, 339	663, 035	17, 129	2. 583	6, 703	777, 359	19, 597	2. 521
Other.....	14, 504	1, 789, 670	23, 546	1. 316	15, 384	1, 983, 048	25, 851	1. 304
Nature of business not allocable.....	5, 680	102, 001	654	0. 641	5, 655	92, 395	408	0. 442

<sup>1</sup> Except ordnance, machinery, and transportation equipment.

<sup>2</sup> Except transportation equipment and electrical.

<sup>3</sup> Except electrical.

<sup>4</sup> Includes lessors of real property other than buildings.

<sup>5</sup> Excludes lessors of real property other than buildings, included in totals. Sampling variability of item too large to warrant showing separately.

Source: Treasury Department, Internal Revenue Service; *Statistics of Income*, Part 2, for 1951 and 1952.



## 32. Foreign Commerce

### Including International Accounts and Aid

**Balance of payments.**—The statistics shown for international balance of payments and the international investment position are compiled by the Office of Business Economics of the Department of Commerce.

The international accounts of the United States comprise the international balance of payments (tables 1097 to 1099) and the international investment position (table 1096). The balance of payments shows for given time periods, e. g., one year, the transfers of assets and the form of compensation for these transfers between this country and the rest of the world; the international investment position indicates for specific dates the value of United States investments abroad and of foreign investments in the United States. The two types of accounts, however, are not strictly comparable; the transfers of assets between countries as shown in the balance of payments is only one of the factors affecting the value of foreign investments. Other factors not shown in the balance of payments are changes in security values and revaluation of assets, and reinvested earnings and losses. For a detailed discussion and analysis of these accounts, see the Department of Commerce publications, *International Transactions of the United States During the War, 1940-45, Economic Series No. 65, 1948*, *The Balance of International Payments of the United States, 1946-48, 1949*, and *Balance of Payments of the United States, 1949-51*, a supplement to the *Survey of Current Business*, published in 1952. Revised data up to and including 1953 (in a form comparable to that used in table 1097) were published in 1954 in *Balance of Payments, 1919-53*, a supplement to the *Survey of Current Business*. This volume includes data for 1850 to 1918 by four major periods, for 1919 to 1953 by years, 1945 to 1953 by quarters, and an area distribution for 1946 to 1953. For current data and revisions, see the monthly *Survey of Current Business*.

**Foreign assistance.**—Statistics on United States Government grants to and credits utilized by foreign countries and reverse grants and credit repayments received by the Government from abroad are prepared by the Office of Business Economics. For detailed information on the statistics provided in tables 1101 and 1102, and on other foreign activities of the Government, see the Department of Commerce publication, *Foreign Aid by the United States Government, 1940-51*, a supplement to the *Survey of Current Business*, published in 1952. For current data and revisions, see the regular quarterly reports on *Foreign Grants and Credits by the United States Government*.

Foreign aid is defined to comprise two categories—grants and credits. Grants are largely outright gifts for which no payment is expected, or which at most involve an obligation on the part of the receiver to extend aid to the United States or other countries to achieve a common objective. Credits are loans or other agreements which give rise to specific obligations to repay or return, over a period of years, usually with interest. In some instances assistance has been given with the understanding that a decision as to repayment will be made at a later date; such assistance is included in grants. At such time as an agreement is reached for repayment over a period of years, a credit is established. Such credits cannot, as a rule, be deducted from specific grants recorded in previous periods; an adjustment for grants converted into credits is made at the time of the agreement. All known returns to the United States Government stemming from grants and credits are also taken into account in net grants and net credits. The Government's capital investments in the International Bank (\$635 million) and International Monetary Fund (\$2,750 million) are not included in these data.

**Foreign aid programs.**—United States foreign aid since World War II has passed through a number of phases. The "emergency relief" phase was a response to the

Note.—This section presents data for the most recent year or period available on June 10, 1955, when the material was organized and sent to the printer.

needs of other countries through such means as United Nations Relief and Rehabilitation Administration; the Interim Aid Program for France, Italy, and Austria; the British Loan; and the Greece-Turkey Aid Program. This phase was followed by the Economic Cooperation Act of 1948 which authorized funds for a European Recovery Program, also known as the Marshall Plan, and for economic aid to the Republic of China. Separate legislation added Korea to the aid program in January 1949 and beginning in June 1950 (when the Nationalist Government of China moved to Formosa) aid was extended to other countries in the "general area of China."

The original Marshall Plan came to an end in 1951 and the major purpose of foreign aid shifted from economic recovery to defense support, although economic-type goods from the United States continued to flow to Europe (in much smaller quantities). The basic instrument for extending military aid to friendly nations has been the Mutual Defense Assistance Program authorized by the Congress in 1949.

The U. S. Technical Cooperation Program, widely known as "Point Four," represents another phase of foreign aid. This Program, initiated in a limited form in Latin America during World War II, was authorized by the Congress in the 1950 Act for International Development to help raise standards of living in less-developed areas through the extension of technical knowledge and skills.

Economic, technical, and military assistance were combined under the Mutual Security Act of 1952. These activities have been carried on since 1953 by the Foreign Operations Administration (FOA) which administered the economic and technical cooperation aspects of the Mutual Security Program and the Department of Defense, implementing the military supplies and training programs. Policy guidance was provided by the Department of State.

A recent development in foreign aid programs concerns the use of United States surplus agricultural commodities. During the 18 months through December 1954, these surplus farm products were sold to friendly countries which paid for the commodities in their own currencies. The funds thereby obtained by the United States are used either in the same or in other countries to finance military, economic, or technical assistance, or to pay United States obligations abroad, purchase strategic materials, or accomplish certain other purposes in keeping with the objectives of the Mutual Security Program.

The major activities of the Foreign Operations Administration are summarized in tables 1103 to 1106. These and other data are published in more detail in the monthly publications of the Foreign Operations Administration.

**Foreign trade.**—Statistics on foreign trade are compiled by the Bureau of the Census of the Department of Commerce. Annual and cumulative quarterly data are published in the *Summary of Foreign Commerce of the United States*, issued quarterly, and in *Foreign Commerce and Navigation of the United States*, published annually through 1946. Monthly statistics are also published in other reports of the foreign trade series. For a complete list of these reports see *Catalog of United States Foreign Trade Statistical Publications* issued by the Bureau of the Census.

Statistics covering shipments made after World War II under the Department of the Army Civilian Supply Program are included in the export statistics only for 1948 and subsequent years. In addition, export data include United States exports under the Lend-Lease, United Nations Relief and Rehabilitation Administration, Economic Cooperation Administration, Mutual Defense Assistance, and other foreign aid programs. Shipments to United States Armed Forces for their own use are not included in export statistics for any period.

Certain commodity classifications in the export statistics were grouped for security reasons into special categories beginning with May 1949. The special category list of commodities was amended in July 1949, July 1950, and January 1951 to include additional commodities. With the adoption of new security regulations, effective July 1950, the publication of the country of destination and Customs District detail



for the special category commodities and groups was discontinued. Further changes in special category commodities were made in January 1952 and January 1953. Data for special commodities are included, however, in all total export statistics issued by the Bureau of the Census.

Effective July 1953, values for export shipments individually valued from \$100 to \$499 (about 4 to 6 percent of the total export value) are estimated on the basis of a 10-percent sample of such shipments. Effective January 1954, imports valued at \$250 or less reported on formal consumption and informal entries (about 1 percent of total import value) are estimated from a 5-percent sample of such shipments. The estimated import values are excluded from detailed commodity statistics but are included in the over-all totals and are distributed in the appropriate country and economic class totals and in the totals for groupings of commodity classifications (i. e., commodity group or subgroup). The variability in the 1953 and 1954 export totals due to sampling is less than 5 percent of the individual totals, or less than \$3,300 except where noted; for import totals the variability is less than 5 percent of the individual totals, or less than \$2,000 except where noted. Explanations of the sampling procedures are given in the *Quarterly Summary of Foreign Commerce of the United States*.

Except as noted (as, for example, in table 1127) the values stated are in United States dollars without reference to changes in the gold content of the dollar. (The statutory price of gold—\$20.67 per ounce—in effect prior to Jan. 31, 1934, was changed on that date by Executive Order to \$35 per ounce. Between Mar. 10, 1933, and Jan. 31, 1934, the foreign exchange value of the dollar was permitted to depreciate as a result of the restriction placed on gold shipments to foreign countries.) The geographic area covered by these statistics, except as noted, is the United States customs area, which includes Alaska, Hawaii, and Puerto Rico, and from Jan. 1, 1935, through Dec. 31, 1939, the Virgin Islands. Other explanations of the trade tables are given in the introduction to *Foreign Commerce and Navigation of the United States*.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series M 1-13") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

### No. 1096.—INTERNATIONAL INVESTMENT POSITION OF THE UNITED STATES: 1939 TO 1953

[In millions of dollars. Estimates for end of year; subject to considerable error due to nature of basic data. Direct investments at book value; other types at market or stated values. See also *Historical Statistics*, series M 1-13]

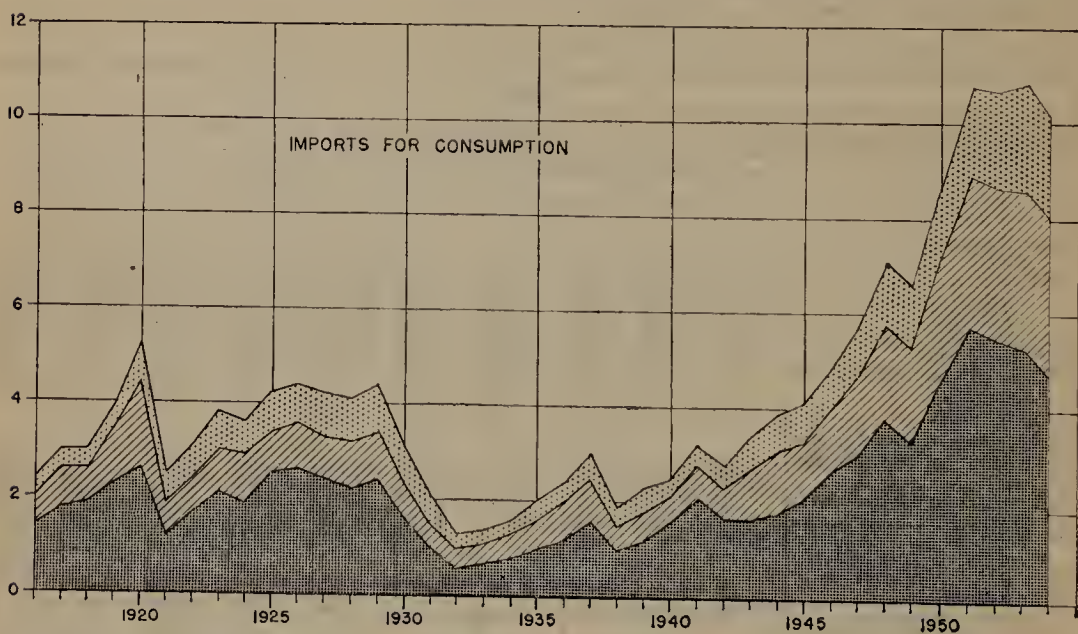
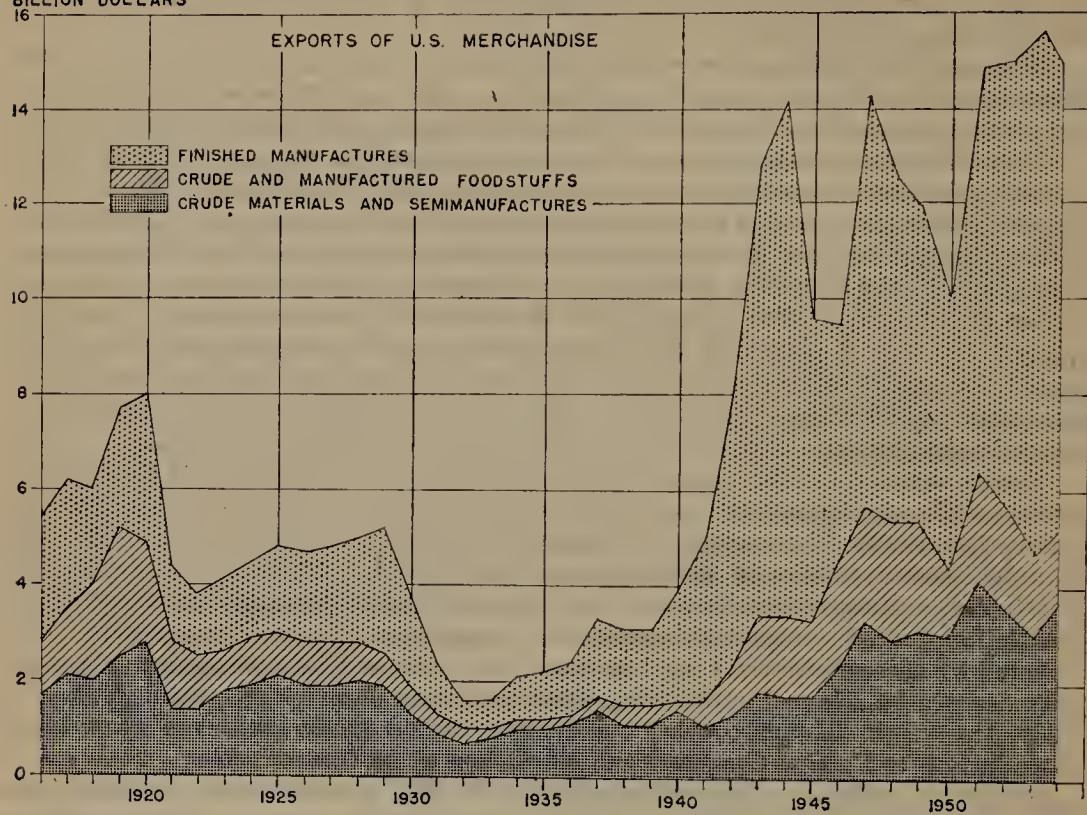
ITEM	1939	1940	1945	1947	1948	1949	1950	1951	1952	1953
<b>U. S. investments abroad, total</b>	12,480	12,275	16,818	27,036	29,444	30,665	32,844	34,955	37,253	39,454
Private	12,445	12,195	14,683	14,904	16,301	16,949	19,004	20,948	22,829	23,722
Long-term	11,385	11,310	13,658	13,446	14,727	15,637	17,488	19,295	21,090	22,131
Direct	7,280	7,340	8,369	8,366	9,625	10,700	11,788	13,089	14,819	16,207
Portfolio	4,105	3,970	5,289	5,080	5,102	4,937	5,700	6,206	6,271	5,924
Short-term	1,060	885	1,025	1,458	1,574	1,312	1,516	1,653	1,739	1,591
U. S. Government	35	80	2,135	12,132	13,143	13,716	13,840	14,007	14,424	15,732
Long-term	35	80	1,644	11,808	12,916	13,429	13,518	13,671	14,087	15,421
Short-term			491	324	227	287	322	336	337	311
<b>Foreign assets and investments in the U. S., total</b>	12,820	13,535	17,594	16,105	16,545	16,879	19,459	20,549	22,527	23,616
Long-term investments	8,695	8,100	8,031	6,820	6,756	7,122	7,744	8,450	8,929	9,140
Direct	2,900	2,875	2,514	2,603	2,787	2,941	3,138	3,330	3,519	3,744
Portfolio	5,795	5,225	5,517	4,217	3,969	4,181	4,606	5,120	5,410	5,396
Short-term assets and U. S. Government obligations	4,125	5,435	9,563	9,285	9,789	9,757	11,715	12,099	13,598	14,476
Private obligations	3,800	5,125	5,263	5,301	5,787	5,941	6,512	6,651	7,263	7,662
U. S. Government obligations	325	310	4,300	3,984	4,002	3,816	5,203	5,448	6,335	6,814
Long-term	150	150	487	461	470	528	1,470	810	1,113	1,019
Short-term	175	160	3,813	3,523	3,532	3,288	3,733	4,638	5,222	5,795
<b>Net debtor (—) or creditor (+) position</b>	-340	-1,260	-776	+10,931	+12,899	+13,786	+13,385	+14,406	+14,726	+15,838

Source: Department of Commerce, Office of Business Economics; *International Transactions of the United States During the War, 1940-45* (as revised in release of June 29, 1950), and *Survey of Current Business*, May 1954.

FIG. LV.—FOREIGN TRADE BY ECONOMIC CLASSES: 1916 TO 1954

[See table 1115]

BILLION DOLLARS



Source: Department of Commerce, Bureau of the Census.



## No. 1097.—BALANCE OF INTERNATIONAL PAYMENTS: 1920 TO 1954

[In millions of dollars. See also *Historical Statistics*, series M 14-41 for data as presented in 1950 *Abstract*, table 988]

ITEM	1920	1925	1930	1935	1940	1945	1947
<b>Exports of goods and services</b>	10,264	6,348	5,448	3,265	5,355	16,273	19,754
Military transfers under aid programs						(1)	43
Other goods and services	10,264	6,348	5,448	3,265	5,355	16,273	19,711
Merchandise, adjusted	8,481	5,011	3,929	2,404	4,124	12,473	16,015
Transportation	1,119	318	325	139	402	1,308	1,738
Travel	67	83	129	101	95	162	342
Miscellaneous services:							
Private <sup>2</sup>		8	7	82	150	453	444
Government	1	16	18	18	20	1,288	70
Income on investments	596	912	1,040	521	564	589	1,102
<b>Imports of goods and services</b>	6,742	5,272	4,426	3,157	3,636	10,232	8,162
Merchandise, adjusted	5,384	4,291	3,104	2,462	2,698	5,245	5,979
Transportation	848	391	477	206	334	420	583
Travel	190	347	463	245	190	309	548
Miscellaneous services:							
Private <sup>2</sup>	60				95	153	174
Government	140	73	87	89	48	1,440	178
Military expenditures					61	2,434	455
Income on investments	120	170	295	155	210	231	245
<b>Balance on goods and services</b>	+3,522	+1,076	+1,022	+108	+1,719	+6,041	+11,592
<b>Unilateral transfers, net [to foreign countries (-)]</b>	-678	-392	-332	-162	-210	-7,113	-2,650
Private remittances	-634	-373	-306	-162	-178	-473	-664
Government	-44	-19	-26		-32	-6,640	-1,986
Military supplies and services							-43
Other	-44	-19	-26		-32	-6,640	-1,943
<b>Balance on goods, services, and unilateral transfers (net foreign investment)</b>	+2,844	+684	+690	-54	+1,509	-1,072	+8,942
United States capital, net [outflow of funds (-)]	-729	-890	-478	+540	+194	-1,569	-7,956
Private	-554	-917	-555	+540	+245	-550	-987
Government	-175	+27	+77	(3)	-51	-1,019	-6,969
Foreign capital, net [outflow of funds (-)]	-278	+241	-222	+968	+1,263	+2,085	+265
Long-term investments in U. S.	-278	+301	+66	+320	-90	-104	-98
Short-term liabilities	(4)	-60	-288	+648	+1,353	+2,189	+363
Gold sales [purchases (-)]	+68	+100	-310	-1,822	-4,243	+548	-2,162
Foreign capital and gold, total	-210	+341	-532	-854	-2,980	+2,633	-1,897
Errors and omissions	-1,905	-135	+320	+368	+1,277	+8	+911

ITEM	1948	1949	1950	1951	1952	1953	1954 (prel)
<b>Exports of goods and services</b>	17,058	16,033	14,396	20,282	20,661	21,265	20,751
Military transfers under aid programs	300	210	526	1,470	2,603	4,281	3,137
Other goods and services	16,758	15,823	13,870	18,812	18,058	16,984	17,614
Merchandise, adjusted	13,193	12,149	10,117	14,123	13,319	12,383	12,820
Transportation	1,317	1,238	1,033	1,556	1,488	1,232	1,220
Travel	308	368	392	430	511	527	546
Miscellaneous services:							
Private	500	541	603	669	706	712	807
Government	100	132	132	152	206	199	154
Income on investments	1,340	1,395	1,593	1,882	1,828	1,931	2,067
<b>Imports of goods and services</b>	10,295	9,661	12,053	15,068	15,688	16,424	15,813
Merchandise, adjusted	7,563	6,879	9,108	11,202	10,838	10,954	10,295
Transportation	646	700	818	974	1,115	1,058	1,013
Travel	600	678	727	722	811	895	972
Miscellaneous services:							
Private	196	215	229	291	300	303	327
Government	211	235	250	254	277	267	250
Military expenditures	799	621	576	1,270	1,957	2,496	2,533
Income on investments	280	333	345	355	390	451	423
<b>Balance on goods and services</b>	+6,763	+6,372	+2,343	+5,214	+4,973	+4,841	+4,938
<b>Unilateral transfers, net [to foreign countries (-)]</b>	-4,807	-5,839	-4,544	-4,987	-5,137	-6,707	-5,274
Private remittances	-679	-523	-455	-411	-446	-473	-439
Government	-4,128	-5,316	-4,089	-4,576	-4,691	-6,234	-4,835
Military supplies and services	-300	-210	-526	-1,470	-2,603	-4,281	-3,137
Other	-3,828	-5,106	-3,563	-3,106	-2,088	-1,953	-1,698
<b>Balance on goods, services, and unilateral transfers (net foreign investment)</b>	+1,956	+533	-2,201	+227	-164	-1,866	-336
United States capital, net [outflow of funds (-)]	-1,930	-1,205	-1,421	-1,224	-1,578	-597	-1,437
Private	-906	-553	-1,265	-1,068	-1,158	-377	-1,545
Government	-1,024	-652	-156	-156	-420	-220	+108
Foreign capital, net [outflow of funds (-)]	+352	+72	+1,912	+578	+1,612	+1,106	+1,438
Long-term investments in U. S.	-172	+119	+994	-477	+443	+125	+233
Short-term liabilities	+524	-47	+918	+1,055	+1,169	+981	+1,205
Gold sales [purchases (-)]	-1,530	-164	+1,743	-53	-379	+1,163	+298
Foreign capital and gold, total	-1,178	-92	+3,655	+525	+1,233	+2,269	+1,736
Errors and omissions	+1,152	+764	-33	+472	+509	+194	+37

<sup>1</sup> Not shown separately.<sup>2</sup> Data for 1920 to 1935 include some merchandise adjustments and represent net receipts or payments.<sup>3</sup> Less than \$500,000. <sup>4</sup> Not available.Source: Department of Commerce, Office of Business Economics, *Survey of Current Business*, July 1954, and records.

No. 1098.—INTERNATIONAL INVESTMENTS—INCOME RECEIPTS AND PAYMENTS, BY AREA: 1949 TO 1954

[In millions of dollars. Figures represent investment income receipts and payments abstracted from the general pattern of the United States balance of payments. "Direct" investments represent private enterprises in one country controlled by investors in another country or in the management of which foreign investors have an important voice. "Other private" investments represent long-term miscellaneous holdings such as government or corporate bonds, interests in trusts and estates, or bank loans]

AREA AND TYPE OF INVESTMENT	1949		1950		1951		1952		1953		1954	
	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments
<b>Total, all areas</b> .....	1,395	333	1,593	345	1,882	355	1,828	391	1,931	451	2,067	423
Direct.....	1,112	164	1,294	148	1,492	129	1,419	153	1,463	186	1,567	175
Other private.....	185	144	190	166	192	179	205	174	216	179	228	182
U. S. Government.....	98	25	109	31	198	47	204	64	252	86	272	66
<b>Canada</b> .....	360	69	409	78	357	82	348	106	328	130	355	95
Direct.....	251	35	294	36	236	35	222	57	199	79	219	50
Other private.....	109	27	115	32	121	33	126	32	129	33	136	33
U. S. Government.....	( <sup>1</sup> )	7	( <sup>1</sup> )	10	( <sup>1</sup> )	14	( <sup>1</sup> )	17	-----	18	( <sup>1</sup> )	12
<b>Latin American republics</b> .....	407	11	554	13	685	14	636	15	649	17	672	16
Direct.....	377	1	522	1	652	( <sup>1</sup> )	599	( <sup>1</sup> )	608	( <sup>1</sup> )	620	( <sup>1</sup> )
Other private.....	18	8	18	10	17	11	19	11	17	11	20	11
U. S. Government.....	12	2	14	2	16	3	18	4	24	6	32	5
<b>OEEC countries <sup>2</sup></b> .....	209	235	228	236	321	237	334	244	390	272	427	293
Direct.....	94	127	110	110	118	93	127	95	147	106	177	125
Other private.....	42	104	40	119	39	130	40	126	41	131	41	132
U. S. Government.....	73	4	78	7	164	14	167	23	202	35	209	36
<b>OEEC dependencies</b> .....	99	2	98	3	109	3	127	4	125	6	138	4
Direct.....	98	( <sup>1</sup> )	98	( <sup>1</sup> )	109	( <sup>1</sup> )	127	( <sup>1</sup> )	123	( <sup>1</sup> )	136	( <sup>1</sup> )
Other private.....	-----	2	-----	2	-----	2	-----	2	-----	2	-----	4
U. S. Government.....	1	( <sup>1</sup> )	-----	1	-----	1	-----	2	-----	4	1	( <sup>1</sup> )
<b>Other foreign countries</b> .....	320	16	304	15	410	19	383	22	439	26	475	15
Direct.....	292	1	270	1	377	1	344	1	386	1	415	( <sup>1</sup> )
Other private.....	16	3	17	3	15	3	20	3	29	2	30	2
U. S. Government.....	12	12	17	11	18	15	19	18	24	23	30	13

<sup>1</sup> Less than \$500,000.

<sup>2</sup> Beginning 1952, represents Western Europe, i. e., includes Finland, Spain, and Yugoslavia.

No. 1099.—INTERNATIONAL INVESTMENTS—DIRECT-INVESTMENT INCOME RECEIPTS, BY AREA AND INDUSTRY: 1950 TO 1953

[In millions of dollars. See headnote, table 1098]

AREA	Year	Total	Agric- ulture	Mining and smelt- ing	Petro- leum	Manu- factur- ing	Public utilities	Trade	Other indus- tries
<b>All areas, total</b> .....	1950	1,294	91	112	555	357	44	72	63
	1951	1,492	110	159	696	331	45	79	71
	1952	1,419	86	159	677	287	49	79	83
	1953	1,463	70	96	765	309	49	85	90
<b>Canada</b> .....	1950	294	1	31	—3	211	9	17	29
	1951	236	1	34	—17	164	11	13	31
	1952	222	( <sup>1</sup> )	36	—20	139	11	14	41
	1953	199	1	26	—20	132	10	12	39
<b>Latin American republics</b> .....	1950	522	76	64	262	55	33	17	15
	1951	652	92	87	327	72	31	26	16
	1952	599	73	81	303	64	35	25	18
	1953	608	58	35	356	68	35	32	25
<b>Western Europe <sup>2</sup></b> .....	1950	111	( <sup>1</sup> )	1	9	69	( <sup>1</sup> )	21	10
	1951	119	( <sup>1</sup> )	1	15	71	( <sup>1</sup> )	20	12
	1952	129	( <sup>1</sup> )	1	33	56	( <sup>1</sup> )	24	14
	1953	147	-----	1	30	75	( <sup>1</sup> )	24	17
<b>Western European dependencies</b> .....	1950	98	4	12	75	1	( <sup>1</sup> )	3	2
	1951	109	3	25	73	1	( <sup>1</sup> )	4	2
	1952	127	1	27	93	1	( <sup>1</sup> )	3	2
	1953	122	2	22	91	( <sup>1</sup> )	( <sup>1</sup> )	5	2
<b>Other countries</b> .....	1950	269	11	3	212	22	1	14	6
	1951	377	15	12	298	23	4	16	9
	1952	343	11	14	268	26	3	14	7
	1953	386	9	12	308	33	4	13	7

<sup>1</sup> Less than \$500,000. <sup>2</sup> Includes Finland, Spain, and Yugoslavia.

Source of tables 1098 and 1099: Department of Commerce, Office of Business Economics; *Survey of Current Business*, November 1954, and records.



**No. 1100.—INTERNATIONAL INVESTMENTS—VALUE OF UNITED STATES DIRECT INVESTMENTS IN FOREIGN COUNTRIES, BY AREA AND INDUSTRY GROUPS: 1929 TO 1950**

[In millions of dollars. Areas and industry groups for 1950 based on new census of American direct investments abroad conducted by OBE]

YEAR AND INDUSTRY	Total, all areas	Canada	Latin American republics	Western Europe	Western European dependencies	Other countries
1929.....	1 7,527.7	2,010.3	3,461.9	1,263.8	169.0	534.0
1936.....	1 6,690.5	1,951.6	2,803.1	1,165.3	170.1	481.0
1943.....	1 7,861.6	2,377.6	2,721.2	1,785.5	231.8	486.5
1950 <sup>2</sup> .....	11,788.0	3,579.2	4,735.2	1,720.2	435.3	1,318.1
Agriculture, total.....	589.0	20.5	519.6	.8	9.4	38.7
Fruit.....	154.6	—	147.7	.1	.8	5.9
Sugar.....	356.7	—	346.4	—	1.5	8.9
Rubber.....	28.3	—	1.2	—	5.8	21.3
All other agriculture.....	49.5	20.5	24.4	.6	1.3	2.7
Mining and smelting, total.....	1,128.5	334.3	628.4	20.9	88.4	56.5
Iron.....	88.3	20.6	63.7	( <sup>3</sup> )	—	4.0
Gold, silver, and platinum.....	74.4	24.9	21.7	2.2	.1	25.4
Other metals.....	871.7	276.0	486.0	5.6	77.1	27.0
Nonmetallic minerals.....	94.2	12.7	57.1	13.1	11.2	.1
Petroleum.....	3,390.3	418.3	1,407.8	424.1	296.0	844.1
Manufacturing, total.....	3,831.4	1,896.6	779.8	932.5	8.9	213.6
Food.....	483.2	226.5	158.2	64.4	.9	33.2
Paper and allied products.....	377.8	367.5	4.5	5.0	—	.8
Chemicals and allied products.....	512.2	198.3	205.0	74.3	.1	34.5
Rubber products.....	181.6	59.0	60.3	30.7	2.8	28.8
Primary and fabricated metals.....	385.2	248.7	21.7	111.2	.8	2.9
Machinery (other than electrical).....	420.4	203.8	13.0	175.0	.1	28.5
Electrical machinery, equipment, and supplies.....	386.5	140.5	78.9	152.8	1.2	13.0
Motor vehicles and their equipment.....	485.2	160.0	83.0	191.5	.3	50.5
All other manufacturing.....	599.2	292.3	155.3	127.5	2.7	21.3
Transportation, communication, and public utilities, total.....	1,424.9	284.4	1,041.5	27.3	18.1	53.6
Railroads.....	286.6	91.3	186.4	—	—	9.0
Water transportation <sup>4</sup> .....	182.6	11.7	145.7	10.2	13.4	1.6
All other transportation.....	62.5	16.2	31.7	8.8	1.9	3.8
Communication.....	155.2	11.2	131.5	6.1	2.4	4.0
Electric light, power, and gas.....	737.9	154.1	546.2	2.2	.4	35.1
Trade, total.....	762.2	239.8	242.5	185.5	13.1	81.4
Wholesale trade.....	541.6	178.9	191.3	101.5	5.1	64.8
Retail trade.....	220.6	60.9	51.1	84.0	8.0	16.6
Finance and insurance, total.....	424.7	313.2	71.1	37.3	.2	2.9
Banking and other finance.....	169.7	105.9	37.8	21.3	.4	4.3
Holding companies.....	56.2	12.5	28.6	12.8	—	2.4
Insurance.....	198.8	194.9	4.8	3.1	—	—3.7
Miscellaneous, total.....	237.1	72.0	44.5	92.0	1.2	27.4
Real estate.....	37.7	9.5	7.5	17.0	.5	3.3
Motion pictures.....	111.7	22.9	16.9	55.9	.4	15.7
All other.....	87.6	39.6	20.1	19.1	.4	8.5

<sup>1</sup> Includes Eastern Europe and China. 1936 also includes \$26.2 million shown as "International."

<sup>2</sup> Excludes Eastern Europe and China; valuations for properties not generally available for end of 1950.

<sup>3</sup> Less than \$50,000.

<sup>4</sup> Excluding tankers owned by petroleum companies.

Source: Department of Commerce, Office of Business Economics; *Foreign Investment Supplement to Survey of Current Business*.

**No. 1101.—U. S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY PROGRAM:  
1945 TO 1954**

[In millions of dollars. The measure of foreign grants and credits generally is in terms of goods delivered or shipped, services rendered, or funds disbursed by the United States Government to or for the account of a foreign government or other foreign entity. "Reverse grants and returns" and "Principal collected on credits" are comprised of goods, services, and funds received by the United States Government. "Funds" includes foreign currency which, with goods and services, is measured in dollar equivalents]

PROGRAM	Total post- war period <sup>1</sup>	July 1945- Dec. 1947	1948	1949	1950	1951	1952	1953	1954
<b>Net grants and credits</b> .....	48,998	13,186	5,264	5,649	4,152	4,632	5,040	6,405	4,669
<b>Net grants</b> .....	38,026	5,525	4,172	5,194	4,025	4,514	4,638	5,173	4,785
Gross new grants.....	41,749	7,246	4,246	5,437	4,184	4,654	4,790	6,339	4,855
Mutual security.....	28,142	-----	1,494	3,841	3,328	4,179	4,606	5,965	4,730
Military aid:									
Military supplies and services.....	11,842	-----	-----	-----	465	1,481	2,655	4,140	3,100
Multilateral-construction program contributions.....	233	-----	-----	-----	-----	-----	73	91	69
Other aid (economic and technical assistance).....	16,067	-----	1,494	3,841	2,863	2,697	1,877	1,734	1,561
Civilian supplies.....	5,821	2,102	1,448	1,063	516	362	168	137	25
UNRRA, post-UNRRA, and interim aid.....	3,443	2,817	625	1	( <sup>2</sup> )	-----	-----	-----	-----
Lend-lease.....	1,906	1,904	2	-----	-----	-----	-----	-----	-----
Philippine rehabilitation.....	653	74	343	168	59	9	( <sup>2</sup> )	-----	-----
Greek-Turkish aid.....	635	119	130	203	166	12	4	( <sup>3</sup> )	( <sup>3</sup> )
Military equipment loans <sup>4</sup> .....	120	120	-----	-----	-----	-----	-----	-----	-----
Chinese stabilization.....	120	-----	72	42	5	1	-----	-----	-----
Chinese military aid.....	220	-----	-----	-----	-----	3	1	174	41
Other.....	692	110	132	118	110	89	11	62	59
Less: Prior grants converted into credits.....	2,256	1,245	9	( <sup>3</sup> )	2	-----	-----	1,000	-----
Less: Reverse grants and returns.....	1,467	476	65	243	157	140	151	166	70
Mutual-security counterpart funds:									
Military aid.....	32	-----	-----	-----	4	6	6	8	8
Other aid (economic and technical assistance).....	754	-----	22	230	144	110	84	103	62
Reverse lend-lease.....	133	133	1	-----	-----	-----	-----	-----	-----
War-account cash settlements.....	120	117	3	-----	-----	-----	-----	-----	-----
Return of lend-lease ships.....	423	226	39	13	-----	-----	-----	-----	-----
Return of civilian supplies.....	1	-----	-----	-----	9	23	60	53	( <sup>3</sup> )
Return of military equipment loans <sup>4</sup> .....	4	-----	-----	-----	( <sup>3</sup> )	-----	1	-----	-----
<b>Net credits<sup>5</sup></b> .....	10,972	7,661	1,092	455	127	118	401	1,233	( <sup>3</sup> )
<b>New credits</b> .....	11,892	6,850	1,541	694	454	428	825	712	-116
Export-Import Bank (for own account).....	4,338	1,919	429	185	200	204	478	647	276
Direct loans.....	4,118	1,773	453	163	193	222	483	645	185
Loans through agent banks.....	221	147	6 <sup>6</sup> 25	21	7	6 <sup>6</sup> 18	6 <sup>6</sup> 5	2	91
British loan.....	3,750	3,450	300	-----	-----	-----	-----	-----	-----
Mutual security.....	1,758	-----	476	428	164	209	334	54	94
Surplus property (including merchant ships).....	1,487	1,125	325	31	3	3	-----	( <sup>3</sup> )	-----
Lend-lease (excluding settlement credits).....	71	63	2	4	1	-----	2	-----	-----
Other.....	488	293	9	47	87	13	12	11	17
Plus: Prior grants converted into credits.....	2,256	1,245	9	( <sup>3</sup> )	2	-----	-----	1,000	-----
Less: Principal collections.....	3,176	434	458	240	329	310	424	479	503
Export-Import Bank (for own account).....	1,781	155	261	144	160	134	271	311	346
Direct loans.....	1,600	116	221	100	118	130	267	307	340
Loans through agent banks.....	181	39	40	43	41	5	4	4	5
British loan.....	183	-----	-----	-----	-----	44	45	46	47
Mutual security.....	25	-----	-----	-----	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	14	10
Surplus property (including merchant ships).....	398	19	39	43	51	54	70	73	49
Grants converted into credits.....	98	9	7	2	4	21	19	17	18
Lend-lease (excluding settlement credits).....	60	9	6	6	6	7	6	6	14
Other.....	631	241	146	46	107	49	11	12	20

<sup>1</sup> July 1, 1945, through Dec. 31, 1954. All lend-lease and conversions of former grants to credits are from V-J Day (Sept. 2, 1945). <sup>2</sup> Negative entry of less than \$500,000 results from refunds of cash aid. <sup>3</sup> Less than \$500,000.

<sup>4</sup> These "loans" are essentially transfers on an indeterminate basis, generally requiring only the return of the identical item, if available. In essence, this was the requirement pertaining to wartime lend-lease transfers of watercraft, which were included as grant transfers in these data.

<sup>5</sup> Outstanding credits on Dec. 31, 1954, totaled \$11,780,000,000, representing net credits extended since organization of Export-Import Bank, Feb. 12, 1934, and excluding World War I debts and U. S. Government investment in International Bank for Reconstruction and Development and International Monetary Fund.

<sup>6</sup> Negative entry results from excess of Bank repurchases from agent banks over agent-bank disbursements.

Source: Department of Commerce, Office of Business Economics; quarterly report, *Foreign Grants and Credits by the United States Government*.



**No. 1102.—U. S. GOVERNMENT FOREIGN GRANTS AND CREDITS BY COUNTRY:  
1945 TO 1954**

[In millions of dollars. See headnote, table 1101]

ITEM AND COUNTRY	Total postwar period <sup>1</sup>	July 1945- Dec. 1947	1948	1949	1950	1951	1952	1953	1954
<b>TOTAL GRANTS AND CREDITS</b>									
<b>Net grants and credits</b> .....	48,998	13,186	5,264	5,649	4,152	4,632	5,040	6,405	4,669
<b>Net grants</b> .....	38,026	5,525	4,172	5,194	4,025	4,514	4,638	5,173	4,785
Gross new grants.....	41,749	7,246	4,246	5,437	4,184	4,654	4,790	6,339	4,855
Less: Prior grants converted into credits.....	2,256	1,245	9	( <sup>2</sup> )	2	—	—	1,000	—
Less: Reverse grants and returns.....	1,467	476	65	243	157	140	151	166	70
<b>Net credits</b> .....	10,972	7,661	1,092	455	127	118	401	1,233	-116
New credits.....	11,892	6,850	1,541	694	454	428	825	712	387
Plus: Prior grants converted into credits.....	2,256	1,245	9	( <sup>2</sup> )	2	—	—	1,000	—
Less: Principal collections.....	3,176	434	458	240	329	310	424	479	503
<b>MILITARY GRANTS</b>									
<b>Net grants</b> .....	13,464	722	321	213	524	1,478	2,663	4,342	3,202
Gross new grants.....	13,623	722	321	213	528	1,494	2,730	4,405	3,210
Less: Reverse grants and returns.....	159	—	—	—	4	16	66	63	8
Western Europe (excluding Greece and Turkey): Net grants.....	8,328	—	—	—	329	897	1,896	3,178	2,028
Near East (including Greece and Tur- key), Africa, and South Asia: Net grants.....	1,730	43	250	171	118	186	288	331	345
Other Asia and Pacific: Net grants.....	3,063	679	72	42	63	291	383	768	765
American Republics: Net grants.....	203	—	—	—	—	64	59	35	45
Canada: Net grants.....	—	—	—	—	—	3	( <sup>2</sup> )	-3	( <sup>3</sup> )
Unspecified areas: Net grants.....	140	—	—	—	15	37	36	33	20
<b>OTHER GRANTS AND CREDITS</b>									
<b>Net grants and credits</b> .....	35,533	12,465	4,943	5,436	3,628	3,155	2,376	2,064	1,467
<b>Net grants</b> .....	24,562	4,804	3,851	4,981	3,501	3,036	1,975	831	1,583
Gross new grants.....	28,127	6,524	3,925	5,224	3,656	3,160	2,060	1,934	1,645
Less: Prior grants converted into credits.....	2,256	1,245	9	( <sup>2</sup> )	2	—	—	1,000	—
Less: Reverse grants and returns.....	1,308	476	65	243	153	123	85	103	62
<b>Net credits</b> .....	10,972	7,661	1,092	455	127	118	401	1,233	-116
New credits.....	11,892	6,850	1,541	694	454	428	825	712	387
Plus: Prior grants converted into credits.....	2,256	1,245	9	( <sup>2</sup> )	2	—	—	1,000	—
Less: Principal collections.....	3,176	434	458	240	329	310	424	479	503
<b>Western Europe (excluding Greece and Turkey) and dependent areas:</b>									
<b>Net grants and credits</b> .....	23,991	8,316	3,792	4,201	2,677	2,065	1,410	862	668
Net new grants.....	17,228	2,669	2,702	3,837	2,665	2,195	1,266	1,008	887
Net new credits.....	6,762	5,647	1,090	365	12	-131	144	-146	-219
Prior grants converted into credits.....	1,970	963	7	—	—	—	—	1,000	—
Austria:									
Net grants and credits.....	1,009	238	197	194	101	147	82	36	14
Net grants.....	998	232	183	189	103	151	88	36	16
Net credits.....	11	5	14	5	-2	-4	-5	( <sup>2</sup> )	-1
Belgium-Luxembourg:									
Net grants and credits.....	730	187	80	240	177	43	13	-3	-7
Net grants.....	576	61	56	202	190	52	8	5	3
Net credits.....	154	127	24	38	-13	-9	6	-8	-10
British Commonwealth: United Kingdom:									
Net grants and credits.....	6,905	3,446	937	1,009	629	129	418	227	111
Net new grants.....	3,141	20	443	976	657	215	403	276	151
Net new credits.....	3,764	3,426	494	33	-28	-86	15	-48	-40
Prior grants converted into credits.....	562	562	—	—	—	—	—	—	—
Denmark:									
Net grants and credits.....	282	16	40	102	52	58	8	7	-1
Net grants.....	233	( <sup>2</sup> )	17	89	52	59	7	8	1
Net credits.....	49	16	23	14	( <sup>3</sup> )	-1	1	-2	-2
Finland:									
Net grants and credits.....	82	72	24	5	-3	-3	-3	-5	-4
Net grants.....	2	2	—	—	( <sup>2</sup> )	( <sup>2</sup> )	—	( <sup>2</sup> )	—
Net credits.....	80	70	24	5	-3	-3	-3	-5	-4
France:									
Net grants and credits.....	5,197	1,896	781	766	465	421	355	261	252
Net new grants.....	3,680	388	617	738	482	439	269	360	446
Net new credits.....	1,517	1,508	164	28	-17	-18	86	-39	-195
Prior grants converted into credits.....	353	353	—	—	—	—	—	—	—

See footnotes at end of table.

No. 1102.—U. S. GOVERNMENT FOREIGN GRANTS AND CREDITS BY COUNTRY: 1945  
to 1954—Continued

[In millions of dollars]

ITEM AND COUNTRY	Total postwar period <sup>1</sup>	July 1945- Dec. 1947	1948	1949	1950	1951	1952	1953	1954
<b>Western Europe (excl. Greece and Turkey) and dependent areas—Con.</b>									
Germany:									
Net grants and credits.....	3,852	743	1,130	948	468	361	103	35	63
Net new grants.....	3,659	698	962	944	478	364	71	71	71
Net new credits.....	193	45	168	4	-10	-2	32	-36	-8
Prior grants converted into credits.....	1,000							1,000	
Iceland:									
Net grants and credits.....	33		2	5	5	9	5	6	1
Net grants.....	28		(2)	5	4	7	4	6	1
Net credits.....	6		2	(2)	(2)	2	1	(2)	
Ireland:									
Net grants and credits.....	146	(2)		67	55	24	(2)	(2)	(2)
Net grants.....	17	(2)		3	(3)	14	(2)	(2)	(2)
Net credits.....	128			64	55	10			
Italy—Trieste:									
Net grants and credits.....	2,719	966	409	445	265	268	175	108	82
Net grants.....	2,429	763	323	383	260	293	179	135	92
Net credits.....	290	204	86	62	5	-25	-4	-27	-10
Netherlands:									
Net grants and credits.....	1,067	284	120	286	222	102	44	10	-2
Net new grants.....	841	66	73	203	253	142	68	21	14
Net new credits.....	226	218	47	83	-31	-40	-24	-12	-15
Prior grants converted into credits.....	47	47							
Norway:									
Net grants and credits.....	307	32	61	64	61	41	26	15	8
Net new grants.....	211	1	17	37	69	45	18	10	13
Net new credits.....	97	31	44	27	-8	-5	7	6	-5
Prior grants converted into credits.....	6		6						
Portugal:									
Net grants and credits.....	63	(3)	(3)		18	20	8	5	12
Net grants.....	13				7	1	2	(2)	3
Net credits.....	50	(3)	(3)		10	19	6	5	9
Spain:									
Net grants and credits.....	78				(2)	17	24	21	16
Net grants.....	13				(2)			1	12
Net credits.....	65					17	24	19	5
Sweden:									
Net grants and credits.....	108	1	3	39	43	27	-4	-1	-1
Net grants.....	87	1	1	38	24	27	-3	(3)	
Net credits.....	20		2	1	19	(3)	(3)	(3)	-1
Yugoslavia:									
Net grants and credits.....	677	299			36	120	80	98	44
Net new grants.....	624	299				106	77	97	45
Net new credits.....	53				36	15	3	1	-1
Prior grants converted into credits.....	1		1						
Other and unspecified Western Europe: <sup>4</sup>									
Net grants and credits.....	736	138	8	30	85	279	75	43	78
Net grants.....	678	138	8	30	85	279	75	43	19
Net credits.....	59								59
<b>Eastern Europe:</b>									
Net grants and credits.....	1,097	1,137	3	-24	-9	-15	-4	4	4
Net new grants.....	1,014	1,035	-8	-8	-9	-13		8	8
Net new credits.....	82	102	11	-16	-1	-1	-4	-4	-4
Prior grants converted into credits.....	222	222							
Czechoslovakia:									
Net grants and credits.....	189	213	-7	-17	(3)	(3)	(3)		1
Net grants.....	184	183	(3)						1
Net credits.....	5	29	-7	-17	(3)	(3)	(3)		
Poland:									
Net grants and credits.....	430	422	19	1	(3)	-1	-3	-4	-4
Net grants.....	365	365							
Net credits.....	65	57	19	1	(3)				
U. S. S. R.:									
Net grants and credits.....	426	464	-8	-8	-9	-13			(3)
Net new grants.....	426	464	-8	-8	-9	-13			(3)
Prior grants converted into credits.....	222	222							
Other Eastern Europe: <sup>4</sup>									
Net grants and credits.....	52	38	-1	(3)	(3)	(3)	(3)	8	7
Net grants.....	39	23						8	
Net credits.....	13	16	-1	(3)	(3)	(3)	(3)	(3)	(3)

See footnotes at end of table.



No. 1102.—U. S. GOVERNMENT FOREIGN GRANTS AND CREDITS BY COUNTRY: 1945  
to 1954—Continued

[In millions of dollars]

ITEM AND COUNTRY	Total postwar period <sup>1</sup>	July 1945, Dec. 1947	1948	1949	1950	1951	1952	1953	1954
<b>Near East and Africa:</b>									
Net grants and credits.....	2,200	381	163	186	223	342	358	265	280
Net new grants.....	1,781	257	154	134	146	284	305	243	258
Net new credits.....	419	124	9	52	77	58	53	22	23
Prior grants converted into credits.....	9	9		(2)					
<b>Egypt:</b>									
Net grants and credits.....	12	9	-5	4	(2)	1	(3)	2	2
Net grants.....	7	(2)				1	(2)	2	3
Net credits.....	5	8	-5	4	(2)		-1		-1
<b>Greece:</b>									
Net grants and credits.....	1,248	445	164	108	108	189	123	66	45
Net grants.....	1,170	351	154	112	109	192	129	73	50
Net credits.....	78	94	10	-4	-2	-2	-6	-8	-5
<b>Iran:</b>									
Net grants and credits.....	146	(2)	-3	15	2	4	11	52	65
Net new grants.....	131	1		(3)	(3)	2	11	52	65
Net new credits.....	16	-1	-3	15	2	2			
Prior grants converted into credits.....	9	9							
<b>Israel:</b>									
Net grants and credits.....	341			7	50	66	109	49	59
Net grants.....	218				9	25	82	45	57
Net credits.....	123			7	41	41	27	4	2
<b>Liberia:</b>									
Net grants and credits.....	23	8	2	4	4	3	3	-2	2
Net grants.....	5			(2)	(2)	1	1	1	1
Net credits.....	19	8	2	4	3	2	2	-3	1
<b>Saudi Arabia:</b>									
Net grants and credits.....	14	16	-3	-1	(3)	2	(3)	(3)	(3)
Net grants.....	4	2		(2)	(2)	(2)	(3)	1	1
Net credits.....	10	14	-3	-1	(2)	2	-1	-1	-1
<b>Turkey:</b>									
Net grants and credits.....	282	8	10	34	39	52	59	40	41
Net grants.....	188	-4		7	7	38	53	44	44
Net credits.....	94	12	10	28	32	14	6	-4	-3
<b>Union of South Africa:</b>									
Net grants and credits.....	-1	-91	(3)		-1	(3)	26	35	31
Net grants.....	-92	-92							
Net credits.....	92	1	(3)		-1	(3)	26	35	31
<b>Other and unspecified Near East and Africa:<sup>6</sup></b>									
Net grants and credits.....	135	-13	-1	15	21	25	29	23	36
Net new grants.....	151	(2)		15	20	26	29	23	36
Net new credits.....	-17	-14	-1	(3)	1	-1	-1	-1	(3)
Prior grants converted into credits.....	(2)			(2)					
<b>South Asia:</b>									
Net grants and credits.....	431	17	-2	(3)	1	127	115	132	42
Net new grants.....	167	-22	-3	(2)	1	13	19	120	40
Net new credits.....	264	39	1	(3)		114	96	12	2
Prior grants converted into credits.....	2		2						
<b>Afghanistan:</b>									
Net grants and credits.....	24			(2)	(2)	11	6	4	3
Net grants.....	2			(2)	(2)	1	(3)	(2)	1
Net credits.....	22					10	6	4	2
<b>India:</b>									
Net grants and credits.....	283	17	-2	(3)	1	108	94	37	28
Net new grants.....	55	-22	-3	(2)	1	4	11	37	28
Net new credits.....	227	39	1	(3)		104	84		
Prior grants converted into credits.....	2		2						
<b>Pakistan:</b>									
Net grants and credits.....	109			(2)	(2)	(3)	8	91	10
Net grants.....	94			(2)	(2)	(2)	1	82	10
Net credits.....	15						7	8	
<b>Other and unspecified South Asia:<sup>7</sup></b>									
Net grants.....	15					8	7	(3)	(2)
<b>Other Asia and Pacific:</b>									
Net grants and credits.....	5,911	1,957	830	901	606	503	380	389	345
Net new grants.....	5,516	1,597	883	900	610	519	329	386	293
Net new credits.....	394	359	-53	1	-4	-16	51	4	52
Prior grants converted into credits.....	51	51							
<b>Australia:</b>									
Net grants and credits.....	3	-1	1	-1	-1	(3)	(3)	2	4
Net new grants.....	-7	-7							
Net new credits.....	11	6	1	-1	-1	(3)	(3)	2	4
Prior grants converted into credits.....	1	1							

See footnotes at end of table.

No. 1102.—U. S. GOVERNMENT FOREIGN GRANTS AND CREDITS BY COUNTRY: 1945  
to 1954—Continued

[In millions of dollars]

ITEM AND COUNTRY	Total postwar period <sup>1</sup>	July 1945- Dec. 1947	1948	1949	1950	1951	1952	1953	1954
<b>Other Asia and Pacific—Continued</b>									
Burma:									
Net grants and credits.....	23	5	(3)	(2)	-1	5	7	5	1
Net grants.....	20			(2)	(2)	6	7	5	2
Net credits.....	3	5	(3)	(2)	-1	(3)	(3)	(3)	(3)
China—Taiwan (Formosa):									
Net grants and credits.....	1,140	655	119	33	18	65	83	89	79
Net new grants.....	1,084	540	135	62	22	70	85	91	79
Net new credits.....	56	115	-15	-29	-5	-5	-1	-3	-1
Prior grants converted into credits.....	50	50							
Indochina (Cambodia, Laos, Viet- nam): Net grants.....	125				1	14	22	32	57
Indonesia:									
Net grants and credits.....	238	68	20	41	36	(2)	34	17	22
Net grants.....	102	4	14	30	35	3	4	5	5
Net credits.....	136	64	6	10	1	-3	29	11	17
Japan and Ryukyu Islands:									
Net grants and credits.....	2,491	876	423	550	247	279	65	6	44
Net grants.....	2,406	796	480	528	279	282	29	9	4
Net credits.....	85	80	-56	22	-32	-3	36	-3	40
Korea:									
Net grants and credits.....	1,035	118	134	77	102	118	155	204	126
Net grants.....	1,014	103	125	77	106	118	155	204	126
Net credits.....	21	15	10		-4				
New Zealand:									
Net grants and credits.....	6	7		(3)	(3)	(3)	(3)	(3)	(3)
Net grants.....	2	2							
Net credits.....	3	4		(3)	(3)	(3)	(3)	(3)	(3)
Philippines:									
Net grants and credits.....	811	221	131	203	204	13	10	24	6
Net grants.....	732	156	130	203	166	17	20	26	14
Net credits.....	78	65	1	(3)	38	-4	-11	-2	-8
Thailand:									
Net grants and credits.....	22	5	1	(3)	(3)	5	3	5	3
Net grants.....	20			(2)	(3)	5	5	6	4
Net credits.....	2	5	1	(3)	(3)	(3)	-1	-1	-1
Other and unspecified Asia and Pacific: <sup>2</sup> Net grants.....	19	4				4	2	6	2
<b>American Republics:</b>									
Net grants and credits.....	950	213	38	63	37	95	68	366	71
Net new grants.....	225	69	16	29	20	14	19	23	35
Net new credits.....	725	144	22	34	17	81	49	343	36
Prior grants converted into credits.....	2				2				
Brazil:									
Net grants and credits.....	419	64	1	4	-5	(2)	-1	326	30
Net grants.....	18	7	1	1	1	1	2	3	2
Net credits.....	402	57	(3)	3	-5	(3)	-3	323	27
Mexico:									
Net grants and credits.....	225	93	17	31	16	-6	29	18	27
Net grants.....	104	41	9	23	14	6	3	3	4
Net credits.....	122	51	8	8	2	-11	26	15	23
Other and unspecified American Republics:									
Net grants and credits.....	306	57	21	28	25	100	40	21	14
Net new grants.....	104	20	6	6	5	7	14	17	29
Net new credits.....	202	36	15	23	20	93	26	4	-15
Prior grants converted into credits.....	2				2				
Canada:									
Net credits.....	8	(3)	(3)	(2)	1	1	5	4	-3
<b>International organizations and un- specified areas:</b>									
Net grants and credits.....	946	444	119	108	92	37	43	41	60
Net grants.....	886	444	117	89	71	25	37	43	62
Net credits.....	60		3	20	22	12	6	-2	-2

<sup>1</sup> July 1, 1945, through Dec. 31, 1954. All lend-lease and conversions of prior grants to credits are from V-J Day (Sept. 2, 1945).

<sup>2</sup> Less than \$500,000. <sup>3</sup> Net (—) of less than \$500,000.

<sup>4</sup> Comprises Switzerland, European Coal and Steel Community, European Productivity Agency, and European Payments Union.

<sup>5</sup> Comprises Albania, Hungary, and East Germany.

<sup>6</sup> Comprises Bahrain, Ethiopia-Eritrea, Iraq, Lebanon, Libya, Syria, and United Nations Relief and Works Agency for Palestine Refugees.

<sup>7</sup> Comprises Ceylon and Nepal. <sup>8</sup> Comprises Trust Territory of the Pacific Islands.

Source: Department of Commerce, Office of Business Economics; quarterly report, *Foreign Grants and Credits by the United States Government*.



**No. 1103.—MUTUAL SECURITY PROGRAM—NEW FUNDS AVAILABLE, BY TYPE OF AID AND REGION: 1948 TO 1955**

[In millions of dollars. For years ending June 30. Comprises public funds authorized, statutory transfers, reimbursements from non-MSP accounts and reimbursements from non-Federal sources. Excludes \$200,000,000 public debt funds authorized for investment guaranty program. Regional data are adjusted to conform with current regions. Data are also adjusted for military assistance funds used for direct forces support]

TYPE OF AID AND REGION	Total, April 3, 1948-June 30, 1955	Total, April 3, 1948-June 30, 1954 <sup>1</sup>	Funds returned to the Treasury <sup>2</sup>	1949 <sup>3</sup>	1950	1951	1952	1953	1954	1955
<b>Grand total</b> .....	39,597	36,815	122	6,387	5,173	7,359	7,282	6,012	4,724	4,281 <sup>4</sup>
Military assistance.....	19,781	18,588	116	-----	1,314	5,223	5,267	4,086	2,814	1,193
All other programs.....	19,816	18,227	6	6,387	3,859	2,136	2,015	1,926	1,909	1,589
<b>Europe (excluding Greece and Turkey)</b> .....		27,954	78	5,744	4,634	6,259	5,434	4,281	1,680	-----
Military assistance.....		13,840	78	-----	1,000	4,414	4,143	3,005	1,356	-----
Economic and technical assistance, defense support, and direct forces support.....		14,114	( <sup>5</sup> )	5,744	3,634	1,845	1,291	1,276	324	-----
<b>Near East, Africa, and South Asia (including Greece and Turkey)</b> .....		3,774	1	243	436	550	881	907	758	-----
Military assistance.....		1,797	-----	-----	211	330	406	488	362	-----
Economic, special eco- nomic, and technical assistance, defense support, and direct forces support.....		1,977	1	243	225	220	475	419	396	-----
<b>Far East</b> .....		4,788	40	400	103	551	904	723	2,147	-----
Military assistance.....		2,797	36	-----	103	480	680	541	1,029	-----
Economic and technical assistance, defense support, and direct forces support.....		1,992	4	400	-----	71	224	183	1,118	-----
<b>Latin America</b> .....		175	3	-----	-----	-----	64	72	42	-----
Military assistance.....		105	3	-----	-----	-----	38	52	18	-----
Technical assistance.....		70	-----	-----	-----	-----	26	20	24	-----
<b>Nonregional</b> .....		125	( <sup>5</sup> )	-----	-----	-----	-----	28	97	-----
Military assistance.....		50	-----	-----	-----	-----	-----	-----	50	-----
Other.....		75	( <sup>5</sup> )	-----	-----	-----	-----	28	47	-----

<sup>1</sup> Cumulative total, less funds returned to the Treasury.

<sup>2</sup> Unobligated funds which were returned to the Treasury; not identifiable by years.

<sup>3</sup> Fifteen months, Apr. 3, 1948, through June 30, 1949.

<sup>4</sup> As appropriated; does not reflect transfers. Funds were not appropriated by region for 1955.

<sup>5</sup> Less than \$500,000.

Source: Foreign Operations Administration.

**No. 1104.—MUTUAL SECURITY PROGRAM—FOA EXPENDITURES FOR COMMODITIES INCLUDED IN AID PROGRAMS, BY COMMODITY AND AREA OF SOURCE: 1954**

[In millions of dollars. For year ending June 30. Data cover shipments to European and Far East countries and the commodity programs in Iran, Israel, Jordan, Libya, and Pakistan. Includes surplus U.S. commodities sold abroad for foreign currencies]

COMMODITY	Total expenditures	AREA OF SOURCE				
		United States	Canada	Latin America	European (OEEC) countries	Other countries
<b>Total commodities</b> -----	<b>1,036.9</b>	<b>795.6</b>	<b>109.3</b>	<b>63.4</b>	<b>50.1</b>	<b>18.5</b>
<i>Percent of total from each source</i> -----	<i>100</i>	<i>77</i>	<i>10</i>	<i>6</i>	<i>5</i>	<i>2</i>
<b>Food, feed, and fertilizer</b> -----	<b>182.6</b>	<b>164.9</b>		<b>2.7</b>	<b>12.8</b>	<b>2.2</b>
Bread grains-----	81.3	81.3				
Fats and oils-----	38.3	38.3				
Coarse grains-----	21.2	21.2				
Fertilizer-----	19.1	4.9			12.1	2.1
Fruits and nuts, except peanuts-----	6.2	6.2				
Meat-----	5.8	5.8				.1
Sugar, raw or refined-----	5.0	1.5		2.7	.8	
Dairy products, milk-----	2.6	2.6				
Vegetables and preparations-----	2.1	2.0				
Seeds, other than oilseeds-----	.4	.4				
Feeds and fodder-----	.1	.1				
Rice-----	.1	.1				
Fish and fish products, exc. fish oil and meal-----	.1	.1				
Miscellaneous edible agricultural products-----	.2	.2				
<b>Fuel</b> -----	<b>96.0</b>	<b>42.9</b>		<b>29.3</b>	<b>20.1</b>	<b>3.7</b>
Petroleum and products-----	79.6	29.0		29.3	17.7	3.6
Coal and related fuels-----	16.5	13.9			2.4	.1
<b>Raw materials and semifinished products</b> -----	<b>447.3</b>	<b>302.9</b>	<b>94.1</b>	<b>31.3</b>	<b>10.4</b>	<b>8.5</b>
Cotton-----	190.7	190.7				
Nonferrous metals and products-----	84.3	24.8	52.9	4.1	2.1	.3
Metallic ores and concentrates-----	51.2	2.4	19.5	26.6		2.7
Iron and steel mill materials and products, including ferro-alloys-----	37.6	29.8	2.7		4.1	1.1
Chemicals and related products-----	35.1	30.8	1.5	.2	2.4	.2
Nonmetallic minerals-----	19.2	7.3	11.1		.1	.6
Pulp and paper-----	12.5	6.0	6.3		.2	
Lumber and lumber manufactures-----	4.4	3.0		.5		.9
Fabricated basic textiles-----	3.7	1.4			1.3	.9
Hides, skins, and leather-----	3.7	3.8		.2		
Fibers, exc. unmanufactured cotton and wool-----	1.8					
Wool, unmanufactured-----	1.5	1.5			.1	1.7
Naval stores-----	1.5	1.5				
Miscellaneous fiber products-----	.1					.1
<b>Machinery and vehicles</b> -----	<b>245.6</b>	<b>236.6</b>	<b>1.6</b>		<b>3.5</b>	<b>3.8</b>
Machinery and equipment-----	189.9	183.0	1.5		2.6	2.8
Motor vehicles, engines, and parts-----	23.7	23.4	.1			.1
Aircraft, engines, and parts-----	12.2	12.2				
Other transportation equipment-----	19.8	18.0			.9	.9
<b>Miscellaneous and unclassified</b> -----	<b>65.4</b>	<b>48.3</b>	<b>13.5</b>	<b>.1</b>	<b>3.3</b>	<b>.2</b>
Tobacco-----	26.9	26.9				
Miscellaneous industrial commodities-----	38.1	21.0	13.5		3.3	.2
Miscellaneous inedible animal and vegetable products-----	.5	.5		.1		

Source: Foreign Operations Administration.



# No. 1105.—MUTUAL SECURITY PROGRAM—FOA Aid Allotments, by Region and Country: 1949 to 1954

[In thousands of dollars. For years ending June 30, except as specified. Allotted funds for aid are not necessarily equal to expenditures of funds. Allotments are sometimes revised downward. The annual allotment figure shown is net. Negative figures show where deallotments outweighed allotments during a year, although during the life of a program the allotment total will be positive]

REGION AND COUNTRY	Total	1949 <sup>1</sup>	1950	1951	1952	1953	1954	
							Year ending June 30	July 1 to Dec. 31
<b>Grand total</b>	219,065,415	6,180,277	3,510,039	2,645,415	1,823,682	1,827,774	2,147,797	749,013
<b>Country allotments</b>	18,323,826	6,180,277	3,508,116	2,292,553	1,767,571	1,791,658	2,040,028	743,622
<b>Regional and inter-regional allotments</b>	<sup>2</sup> 741,589		1,923	352,862	56,111	36,116	107,769	5,390
<b>Far East, total</b>	2,172,428	224,909	—50,388	157,588	142,769	212,684	1,125,086	359,779
Country allotments	2,170,551	224,909	—50,388	156,902	142,794	212,184	1,124,451	359,698
Burma	21,276			10,400	—154	12,799	—1,769	
China (Formosa)	634,628	224,909	—51,138	92,925	80,979	105,487	111,737	69,729
Cambodia, Laos, Vietnam	1,004,068		750	21,728	24,561	54,500	769,530	133,000
Indonesian Republic	25,669			7,973	—1,874	13,225	4,345	2,000
Japan	10,050						10,000	50
Korea	349,669						208,669	141,000
Philippines	91,261			15,000	32,100	19,710	13,051	11,400
Thailand	33,911			8,876	7,182	6,463	8,889	2,500
Overseas territories	19							19
Regional allotments	1,877			686	—25	500	635	81
<b>Near East, Africa, and South Asia, total</b>	2,143,142	242,781	224,886	219,897	410,804	357,182	398,017	289,575
Country allotments	2,137,721	242,781	224,886	219,897	408,584	355,486	397,646	288,441
Afghanistan	6,629				349	2,126	2,558	1,596
Ceylon	9				18	—9		
Egypt	27,534				639	12,701	3,250	10,944
Ethiopia	7,422				1,182	1,452	2,626	2,162
Greece	836,372	193,781	164,156	169,577	179,240	81,144	21,864	26,610
India	254,590			4,500	53,800	43,350	89,637	63,303
Iran	205,410				16,297	30,123	84,818	74,172
Iraq	7,011				751	1,919	2,173	2,168
Israel	223,002				64,086	73,289	53,950	31,676
Jordan	21,352				4,885	2,761	10,539	3,168
Lebanon	15,473				2,150	2,581	8,775	1,968
Liberia	5,603				1,218	1,582	1,177	1,626
Libya	6,706				1,685	1,249	1,867	1,906
Nepal	2,645				225	480	869	1,072
Pakistan	100,523				10,706	41,993	22,605	25,220
Saudi Arabia	2,965				370	1,616	879	100
Turkey	401,007	49,000	60,730	45,820	70,984	57,131	78,702	38,640
Overseas territories	13,468						11,358	2,110
Regional allotments	5,421				2,220	1,696	371	1,134
<b>Europe, total</b>	14,475,502	5,712,587	3,335,541	2,267,930	1,250,738	1,238,230	600,083	70,393
Country allotments	13,926,522	5,712,587	3,333,618	1,915,754	1,197,869	1,205,779	494,310	66,605
Austria	725,300	280,000	166,754	114,663	116,282	49,820	—2,680	461
Belgium-Luxembourg	560,676	261,400	213,980	74,616	9,185	1,358	105	32
Denmark	281,059	126,221	87,028	45,607	14,157	7,714	305	27
France	3,198,619	1,313,411	703,697	434,507	262,131	398,790	85,845	238
Germany (Federal Republic)	1,494,312	613,500	285,048	399,805	92,001	83,836	19,834	288
Germany (West Berlin)	33,000						18,000	15,000
Iceland	35,254	8,300	7,046	8,479	5,515	5,516	109	289
Ireland	146,529	86,302	45,160	16,005	48	—968	—18	
Italy	1,602,219	668,125	404,490	244,788	159,781	103,440	21,303	292
Netherlands	989,421	507,008	271,908	102,647	100,479	3,131	4,217	31
Indonesia	101,426	64,100	37,326					
Norway	277,116	101,125	90,125	46,656	17,311	21,602	276	21
Portugal	51,202		38,841	12,350	86	—368	221	72
Spain	173,683			62,500			85,008	26,175
Sweden	106,936	45,400	51,951	21,235	—11,395	—255		
Trieste	31,930	17,900	12,541	2,089	197	—797		
United Kingdom	3,800,733	1,619,795	917,723	300,807	351,709	410,594	200,066	40
Yugoslavia	317,106			29,000	80,382	122,366	61,719	23,639
Regional allotments	548,980		1,923	352,176	52,869	32,451	105,773	3,788

See footnotes at end of table.

**No. 1105.—MUTUAL SECURITY PROGRAM—FOA AID ALLOTMENTS, BY REGION AND COUNTRY: 1949 to 1954—Continued**

[In thousands of dollars]

REGION AND COUNTRY	Total	1949 <sup>1</sup>	1950	1951	1952	1953	1954	
							Year ending June 30	July 1 to Dec. 31
<b>Latin America, total</b> .....	<b>895,153</b>				19,371	19,678	24,611	29,266
Country allotments.....	89,033				18,324	18,209	23,621	28,879
Bolivia.....	15,333				1,555	1,394	7,419	4,965
Brazil.....	11,180				2,832	3,602	1,930	2,817
Chile.....	5,326				1,179	1,312	1,311	1,524
Colombia.....	4,057				759	1,076	1,232	989
Costa Rica.....	3,731				1,318	860	743	810
Cuba.....	968				159	246	134	429
Dominican Republic.....	1,123				227	359	194	342
Ecuador.....	4,964				1,408	1,132	1,171	1,253
El Salvador.....	2,582				571	718	492	800
Guatemala.....	5,594				208	207	179	5,000
Haiti.....	4,213				701	690	916	1,905
Honduras.....	3,244				686	825	916	818
Mexico.....	4,086				728	814	1,264	1,280
Nicaragua.....	2,528				606	755	413	754
Panama.....	4,176				1,343	892	976	966
Paraguay.....	4,822				1,607	899	1,107	1,210
Peru.....	8,030				1,869	1,887	2,135	2,138
Uruguay.....	1,136				423	372	-27	368
Venezuela.....	550				144	153	72	180
Overseas territories.....	1,388					15	1,043	330
Regional allotments.....	86,120				1,047	1,469	990	388

<sup>1</sup> Fifteen months, Apr. 3, 1948, through June 30, 1949.

<sup>2</sup> Total includes \$2,226,000 for Latin America and an interregional allotment of \$179,192,000 not distributed by year.

<sup>3</sup> Total includes \$2,226,000 not distributed by year.

**No. 1106.—MUTUAL SECURITY PROGRAM—SALES OF SURPLUS AGRICULTURAL COMMODITIES, BY COMMODITY AND COUNTRY OF DESTINATION: JULY 1, 1953, TO DECEMBER 31, 1954**

[In thousands of dollars. See text, p. 884]

COUNTRY	Total	Ocean freight	Commodity, total	Wheat	Raw cotton	Fats and oils	To-bacco	Coarse grains	Fruits
<b>Authorizations issued, total</b> .....	<b>1,347,809</b>	<b>9,508</b>	<b>1,338,301</b>	<b>127,839</b>	<b>88,273</b>	<b>38,500</b>	<b>38,434</b>	<b>10,430</b>	<b>10,000</b>
<b>Paid shipments, total</b> .....	<b>232,729</b>	<b>6,158</b>	<b>226,570</b>	<b>86,104</b>	<b>61,395</b>	<b>24,051</b>	<b>37,613</b>	<b>9,243</b>	<b>8,165</b>
From United States to—									
Afghanistan.....	1,171	377	794	794					
Bolivia.....	330		330	330					
China (Formosa).....	10,190	929	9,263	6,845	547		98	1,772	
Finland.....	4,975		4,975		1,997		2,979		
France.....	14,907		14,907		11,854		3,053		
Germany (Fed. Rep.).....	14,829		14,829		3,925	921	9,983		
Greece.....	817		817	817					
Israel.....	3,487		3,487	2,291		1,196			
Italy.....	17,817		17,817		14,839	1,479	1,499		
Japan.....	48,393		48,393	41,535				6,858	
Korea.....	4,983		4,983		4,983				
Netherlands.....	4,000		4,000			4,000			
Norway.....	2,276		2,276	543		1,121		612	
Spain.....	15,615		15,615		15,615				
Turkey.....	1,531	359	1,172	1,172					
United Kingdom.....	39,503		39,503			11,339	20,000		
Yugoslavia.....	47,905	4,494	43,410	31,778	7,635	3,997			8,165

<sup>1</sup> Includes \$6,255,000 for dairy products and \$18,570,000 for meat authorized but not shipped.

Source of tables 1105 and 1106: Foreign Operations Administration.



## No. 1107.—FOREIGN TRADE OF THE UNITED STATES—SUMMARY: 1936 TO 1954

[In thousands of dollars]

ITEM	1936-1940, average	1941-1945, average	1946-1950, average	1951	1952	1953	1954
<b>Merchandise:</b>							
Exports (incl. reexports).....	3, 219, 581	10, 051, 075	11, 829, 455	15, 032, 379	15, 200, 679	15, 773, 688	15, 076, 787
Special Category Type 1 <sup>1</sup> .....				1, 285, 261	2, 337, 121	1, 720, 806	1, 112, 536
Special Category Type 2 <sup>1</sup> .....				270, 931	275, 681	2, 404, 510	1, 751, 173
Exports, excl. Special Category <sup>1</sup> .....				13, 476, 187	12, 587, 877	11, 648, 373	12, 213, 077
U. S. merchandise.....	3, 166, 518	9, 922, 152	11, 672, 622	14, 879, 499	15, 048, 565	15, 651, 891	14, 948, 104
Reexports of foreign mer- chandise.....	53, 063	128, 923	156, 834	152, 880	152, 114	121, 798	128, 683
<b>General imports</b> .....	<b>2, 482, 030</b>	<b>3, 514, 080</b>	<b>6, 659, 363</b>	<b>10, 967, 300</b>	<b>10, 717, 485</b>	<b>10, 873, 269</b>	<b>10, 207, 729</b>
Entered for immediate consumption.....	2, 092, 793	3, 054, 652	5, 895, 465	9, 599, 925	9, 768, 497	9, 971, 599	9, 434, 170
Entered for warehouse.....	389, 237	459, 428	763, 898	1, 367, 376	948, 988	901, 670	773, 559
<b>Excess of exports</b> .....	<b>737, 552</b>	<b>6, 536, 995</b>	<b>5, 170, 092</b>	<b>4, 065, 079</b>	<b>4, 483, 194</b>	<b>4, 900, 419</b>	<b>4, 869, 058</b>
<b>Imports for consumption</b> .....	<b>2, 440, 042</b>	<b>3, 475, 593</b>	<b>6, 583, 595</b>	<b>10, 817, 341</b>	<b>10, 747, 497</b>	<b>10, 778, 905</b>	<b>10, 232, 179</b>
Entered for immediate consumption.....	2, 092, 793	3, 054, 652	5, 895, 465	9, 599, 925	9, 768, 497	9, 971, 599	9, 434, 170
Withdrawn from warehouse.....	347, 249	420, 941	688, 130	1, 217, 416	979, 000	807, 306	798, 010
Free.....	1, 475, 825	2, 293, 945	3, 842, 818	5, 993, 442	6, 256, 950	5, 919, 501	5, 661, 510
Dutiable.....	964, 217	1, 181, 648	2, 740, 777	4, 823, 900	4, 490, 546	4, 859, 403	4, 570, 669
Percent free.....	60.48	66.00	58.37	55.41	58.22	54.95	55.33
Duties calculated <sup>2</sup> .....	365, 151	379, 704	439, 453	591, 261	570, 062	584, 350	529, 109
Ratio of duties (percent): <sup>2</sup>							
To total imports for con- sumption.....	14.96	10.92	6.67	5.47	5.30	5.42	5.17
To dutiable imports.....	37.87	32.13	16.03	12.26	12.69	12.02	11.58
<b>Gold:</b>							
Exports.....	16, 989	238, 443	270, 890	630, 382	55, 921	44, 808	21, 294
Imports.....	2, 615, 845	321, 514	1, 105, 573	81, 259	740, 254	47, 025	37, 853
Excess of: Imports.....	2, 598, 856	83, 070	834, 683		684, 333	2, 216	16, 559
Exports.....				549, 123			
<b>Silver:</b>							
Exports.....	9, 879	51, 243	21, 797	8, 590	4, 921	8, 427	3, 636
Imports.....	129, 793	33, 342	76, 035	103, 469	67, 296	95, 104	79, 699
Excess of: Imports.....	119, 914		54, 237	94, 878	62, 375	86, 677	76, 063
Exports.....		17, 901					

<sup>1</sup> Effective January 1950, exports of certain commodities were grouped into Special Categories for security reasons. See August 1954 issue of *Foreign Trade Statistics Notes* for further explanation and lists of Special Category commodities.

<sup>2</sup> Beginning 1947, data from Bureau of Customs and represent unrevised figures based on reports at time of entry.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records, except as noted.

## No. 1108.—EXPORTS AND IMPORTS OF MERCHANDISE, GOLD, AND SILVER: 1791 TO 1954

[In thousands of dollars. For basis of dollar values, see text, p. 885. For years ending Sept. 30, 1791 to 1842, and June 30, 1843 to 1915; calendar years thereafter. For total exports and imports of merchandise by individual years prior to 1946, see table 1109. Merchandise figures include gold and silver prior to 1821. See also *Historical Statistics*, series M 42-55]

YEARLY AVERAGE OR YEAR	TOTAL MERCHANDISE, GOLD, AND SILVER			GOLD			SILVER		
	Exports	Imports	Excess of exports (+) or im- ports (-)	Exports	Imports	Excess of exports (+) or im- ports (-)	Ex- ports	Im- ports	Excess of exports (+) or im- ports (-)
1821-1830.....	76,575	79,863	-3,288	(1)	(1)	(1)	17,154	16,914	1+239
1831-1840.....	109,234	130,268	-21,034	2,154	3,394	-1,240	3,530	7,353	-3,823
1841-1850 <sup>2</sup> .....	129,288	130,029	-741	3,222	5,463	-2,241	3,445	3,443	+2
1851-1860.....	298,389	292,226	+6,163	46,372	3,762	+42,610	3,130	3,988	-858
1861-1870.....	320,313	350,712	-30,399	53,633	13,956	+39,678	12,354	4,890	+7,464
1871-1880.....	650,325	565,793	+84,532	33,732	19,144	+14,588	27,293	11,428	+15,865
1881-1890.....	816,603	740,511	+75,992	24,457	33,248	-8,791	26,911	15,077	+11,834
1891-1900.....	1,137,586	845,452	+292,134	64,265	57,040	+7,225	48,451	25,085	+23,367
1901-1910.....	1,740,599	1,271,244	+469,356	69,540	76,218	-6,678	54,809	36,526	+18,284
1911-1915.....	2,515,144	1,837,027	+678,117	83,173	85,969	-2,796	61,432	38,739	+22,693
1915-1920 <sup>3</sup> .....	6,897,886	3,804,593	+3,093,293	233,248	382,022	-148,773	143,447	64,217	+79,231
1921-1925.....	4,558,940	3,866,937	+692,003	82,739	347,425	-264,686	79,174	69,409	+9,765
1926-1930.....	5,077,974	4,348,894	+729,078	222,094	255,528	-33,434	78,566	59,898	+18,668
1931-1935.....	2,383,679	2,645,517	-261,838	339,539	819,256	-479,717	18,946	113,159	-94,213
1936-1940.....	3,246,449	5,227,667	-1,981,218	16,989	2,615,845	-2,598,856	9,879	129,793	-119,914
1941-1945.....	10,340,761	3,868,936	+6,471,825	238,443	321,514	-83,070	51,243	33,342	+17,901
1946-1950.....	12,122,143	7,840,971	+4,281,172	270,890	1,105,573	-834,683	21,797	76,035	-54,237
1947.....	14,673,636	7,904,062	+6,769,574	213,241	2,079,588	-1,866,348	30,649	68,140	-37,492
1948.....	12,966,229	9,175,937	+3,790,293	300,771	1,981,175	-1,680,404	12,400	70,885	-58,484
1949.....	12,159,325	7,467,316	+4,692,009	84,936	771,390	-686,455	23,281	73,536	-50,255
1950.....	10,815,281	9,124,945	+1,690,336	534,036	162,749	+371,287	6,202	110,035	-103,833
1951.....	15,671,351	11,152,027	+4,519,324	630,382	81,259	+549,123	8,590	103,469	-94,878
1952.....	15,261,522	11,525,036	+3,736,486	55,921	740,254	-684,333	4,921	67,296	-62,375
1953.....	15,826,923	11,015,397	+4,811,526	44,808	47,025	-2,216	8,427	95,104	-86,677
1954.....	15,101,717	10,325,280	+4,776,436	21,294	37,853	-16,559	3,636	79,699	-76,063

YEARLY AVERAGE OR YEAR	MERCHANDISE					
	Total ex- ports and imports	Exports			General imports	Excess of exports(+) or imports (-)
		Total	U. S. mer- chandise	Reex- ports		
1791-1800.....	105,959	46,774	27,740	19,034	59,185	-12,411
1801-1810.....	167,298	74,532	38,178	36,354	92,766	-18,234
1811-1820.....	139,801	58,989	46,270	12,719	80,812	-21,823
1821-1830.....	142,370	69,421	53,221	16,200	72,949	-3,528
1831-1840.....	223,070	103,550	88,168	15,382	119,520	-15,970
1841-1850 <sup>1</sup> .....	243,743	122,620	114,894	7,727	121,123	+1,498
1851-1860.....	533,362	248,887	232,283	16,604	284,475	-35,588
1861-1870.....	586,194	254,327	238,947	15,380	331,867	-77,541
1871-1880.....	1,124,523	589,301	574,889	14,412	535,222	+54,080
1881-1890.....	1,457,322	765,136	750,146	14,990	692,187	+72,949
1891-1900.....	1,788,198	1,024,870	1,006,183	18,687	763,328	+261,542
1901-1910.....	2,774,750	1,616,250	1,589,000	27,250	1,158,500	+457,750
1911-1915.....	4,082,858	2,370,539	2,331,648	38,891	1,712,319	+658,220
1915-1920 <sup>2</sup> .....	9,879,545	6,521,190	6,416,513	104,677	3,358,354	+3,162,836
1921-1925.....	7,847,129	4,397,027	4,310,221	86,806	3,450,103	+946,924
1926-1930.....	8,810,782	4,777,314	4,687,788	89,526	4,033,469	+743,845
1931-1935.....	3,738,296	2,025,195	1,988,914	36,281	1,713,102	+312,093
1936-1940.....	5,701,611	3,219,581	3,166,518	53,063	2,482,030	+737,552
1941-1945.....	13,565,155	10,051,075	9,922,152	128,923	3,514,080	+6,536,995
1946-1950.....	18,488,818	11,829,455	11,672,622	156,834	6,659,363	+5,170,092
1947.....	20,186,080	14,429,747	14,252,285	177,462	5,756,333	+8,673,413
1948.....	19,776,935	12,653,058	12,532,093	120,965	7,123,877	+5,529,181
1949.....	18,673,498	12,051,108	11,936,125	114,984	6,622,390	+5,428,718
1950.....	19,127,205	10,275,043	10,142,423	132,620	8,852,161	+1,422,882
1951.....	25,999,680	15,032,379	14,879,499	152,880	10,967,300	+4,065,079
1952.....	25,918,164	15,200,679	15,048,565	152,114	10,717,485	+4,483,194
1953.....	26,646,956	15,773,688	15,651,891	121,798	10,873,269	+4,900,419
1954.....	25,284,515	15,076,787	14,948,104	128,683	10,207,729	+4,869,058

<sup>1</sup> Silver figures include gold, 1821-30; not available separately prior to 1825.

<sup>2</sup> Period Oct. 1, 1840, to June 30, 1850.

<sup>3</sup> Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.



# No. 1109.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, WITH TRADE BALANCES: 1790 TO 1954

[In thousands of dollars. For basis of dollar values, see text, p. 885. For years ending Sept. 30, 1790 to 1842, June 30 through 1915; calendar years thereafter. See also *Historical Statistics*, series M 51-55]

YEAR	Ex-ports <sup>1</sup>	Im-ports <sup>1</sup>	Excess of exports (+) or im-ports (-)	YEAR	Ex-ports	Im-ports	Excess of exports (+) or im-ports (-)	YEAR	Ex-ports	Im-ports	Excess of exports (+) or im-ports (-)
1790	20,205	23,000	-2,795	1846	109,583	117,914	-8,331	1901	1,487,765	823,172	+664,592
1791	19,012	29,200	-10,188	1847	156,742	122,424	+34,318	1902	1,381,719	903,321	+478,398
1792	20,753	31,500	-10,747	1848	138,191	148,639	-10,448	1903	1,420,142	1,025,719	+394,423
1793	26,110	31,100	-4,990	1849	140,351	141,206	-855	1904	1,460,827	991,087	+469,740
1794	33,044	34,600	-1,556	1850	144,376	173,510	-29,134	1905	1,518,562	1,117,513	+401,049
1795	47,990	69,756	-21,766	1851	188,915	210,771	-21,856	1906	1,743,865	1,226,562	+517,303
1796	58,575	81,436	-22,861	1852	166,984	207,440	-40,456	1907	1,880,851	1,434,421	+446,430
1797	51,295	75,379	-24,084	1853	203,489	263,777	-60,288	1908	1,860,773	1,194,342	+666,431
1798	61,327	68,552	-7,225	1854	237,044	297,804	-60,760	1909	1,663,011	1,311,920	+351,091
1799	78,666	79,069	-403	1855	218,910	257,809	-38,899	1910	1,744,985	1,556,947	+188,038
1800	70,972	91,253	-20,281	1856	281,219	310,432	-29,213	1911	2,049,320	1,527,226	+522,094
1801	93,021	111,364	-18,343	1857	293,824	348,428	-54,604	1912	2,204,322	1,653,265	+551,057
1802	71,957	76,333	-4,376	1858	272,011	263,339	+8,672	1913	2,465,884	1,813,008	+652,876
1803	55,800	64,667	-8,867	1859	292,902	331,333	-38,431	1914	2,364,579	1,893,926	+470,653
1804	77,699	85,000	-7,301	1860	333,576	353,616	-20,040	1915	2,768,589	1,674,170	+1,094,419
1805	95,566	120,600	-25,034	1861	219,554	289,311	-69,757	1915	1,852,863	912,787	+940,076
1806	101,537	129,410	-27,873	1862	190,671	189,357	+1,314	(6mos.)	5,482,641	2,391,635	+3,091,006
1807	108,343	138,500	-30,157	1863	203,964	243,336	-39,372	1916	6,233,513	2,952,468	+3,281,045
1808	22,431	56,990	-34,559	1864	158,838	316,447	-157,609	1917	6,149,088	3,031,213	+3,117,875
1809	52,203	59,400	-7,197	1865	166,029	238,746	-72,717	1918	7,920,426	3,904,365	+4,016,061
1810	66,758	85,400	-18,642	1866	348,860	434,812	-85,952	1919	8,228,016	5,278,481	+2,949,535
1811	61,317	53,400	+7,917	1867	294,506	395,761	-101,255	1920	4,485,031	2,509,148	+1,975,883
1812	38,527	77,030	-38,503	1868	281,953	357,436	-75,483	1921	3,831,777	3,112,747	+719,030
1813	27,856	22,005	+5,851	1869	286,118	417,506	-131,388	1922	4,167,493	3,792,060	+375,427
1814	6,927	12,965	-6,038	1870	392,772	435,958	-43,186	1923	4,590,984	3,609,963	+981,021
1815	52,558	113,041	-60,482	1871	442,820	520,224	-77,404	1924	4,909,848	4,226,589	+683,258
1816	81,920	147,103	-65,183	1872	444,178	626,595	-182,417	1925	4,808,660	4,430,888	+377,772
1817	87,672	99,250	-11,578	1873	522,480	642,136	-119,656	1926	4,865,375	4,184,742	+680,633
1818	93,281	121,750	-28,469	1874	586,283	567,406	+18,877	1927	5,128,356	4,091,444	+1,036,912
1819	70,143	87,125	-16,982	1875	513,443	533,005	-19,562	1928	5,240,995	4,399,361	+841,634
1820	69,692	74,450	-4,758	1876	540,385	460,741	+79,644	1929	3,843,181	3,060,908	+782,273
1821	54,496	54,521	-25	1877	602,475	451,323	+151,152	1930	2,424,289	2,090,635	+333,654
1822	61,350	79,872	-18,522	1878	694,866	437,052	+257,814	1931	1,611,016	1,322,774	+288,242
1823	68,326	72,481	-4,155	1879	710,439	445,778	+264,661	1932	1,674,994	1,449,559	+225,435
1824	68,972	72,169	-3,197	1880	835,639	667,955	+167,684	1933	2,132,800	1,655,055	+477,745
1825	90,738	90,189	+549	1881	902,377	642,665	+259,712	1934	2,282,874	2,047,485	+235,389
1826	72,891	78,094	-5,203	1882	750,542	724,640	+25,902	1935	2,455,978	2,422,592	+33,386
1827	74,310	71,333	+2,977	1883	823,839	723,181	+100,658	1936	3,349,167	3,083,668	+265,499
1828	64,021	81,020	-16,999	1884	740,514	667,698	+72,816	1937	3,094,440	1,960,428	+1,134,012
1829	67,435	67,089	+346	1885	742,190	577,527	+164,663	1938	3,177,176	2,318,081	+859,095
1830	71,671	62,721	+8,950	1886	679,525	635,436	+44,089	1939	4,021,146	2,625,379	+1,395,767
1831	72,296	95,885	-23,589	1887	716,183	692,320	+23,863	1940	5,147,154	3,345,005	+1,802,149
1832	81,521	95,122	-13,601	1888	695,955	723,957	-28,002	1941	8,078,988	2,755,893	+5,323,095
1833	87,529	101,048	-13,519	1889	742,401	745,132	-2,731	1942	12,964,906	3,381,498	+9,583,408
1834	102,260	108,610	-6,350	1890	857,829	789,310	+68,519	1943	14,258,702	3,928,866	+10,329,837
1835	115,216	136,764	-21,548	1891	884,481	844,916	+39,565	1944	9,805,625	4,159,138	+5,646,487
1836	124,339	176,579	-52,240	1892	1,030,278	827,402	+202,876	1945	9,738,321	4,942,054	+4,796,267
1837	111,443	130,473	-19,030	1893	847,665	866,401	-18,736	1946	14,429,747	5,756,333	+8,673,413
1838	104,979	95,970	+9,009	1894	892,141	654,995	+237,146	1947	12,653,058	7,123,877	+5,529,181
1839	112,252	156,497	-44,245	1895	807,538	731,970	+75,568	1948	12,051,108	6,622,300	+5,428,718
1840	123,669	98,259	+25,410	1896	882,607	779,725	+102,882	1949	10,275,043	8,852,161	+1,422,882
1841	111,817	122,958	-11,141	1897	1,050,994	764,730	+286,264	1950	15,032,379	10,967,300	+4,065,079
1842	99,878	96,075	+3,803	1898	1,231,482	616,050	+615,432	1951	15,200,679	10,717,485	+4,483,194
1843	82,826	42,433	+40,393	1899	1,227,023	697,148	+529,875	1952	15,773,688	10,873,269	+4,900,419
1844	105,746	102,605	+3,141	1900	1,394,483	849,941	+544,542	1953	15,076,787	10,207,729	+4,869,058
1845	106,040	113,184	-7,144					1954			

<sup>1</sup> Includes gold and silver prior to 1821.

<sup>2</sup> Period beginning Oct. 1, 1842, and ending June 30, 1843.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

# No. 1110.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, BY MONTHS: 1949 TO 1954

[In millions of dollars]

MONTH	1949		1950		1951		1952		1953		1954	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
January	1,105.1	589.7	740.9	623.4	974.0	1,024.7	1,254.0	922.4	1,292.9	922.4	1,091.8	832.8
February	1,043.4	566.6	764.3	600.2	1,075.9	910.0	1,343.6	892.7	1,200.3	855.9	1,182.6	808.8
March	1,189.2	632.6	860.2	664.9	1,295.2	1,101.9	1,446.6	964.2	1,390.4	1,004.2	1,125.2	861.8
April	1,172.9	534.5	803.5	585.0	1,369.4	1,033.6	1,354.7	932.7	1,393.7	1,013.1	1,425.6	957.3
May	1,095.0	540.6	829.5	659.1	1,354.4	1,017.8	1,479.5	835.4	1,453.1	901.9	1,400.2	829.2
June	1,107.7	526.0	876.9	686.7	1,296.6	930.2	1,171.0	861.2	1,384.5	933.0	1,473.4	946.5
July	900.4	456.5	778.6	708.9	1,186.2	894.5	1,029.7	839.2	1,362.8	908.1	1,290.9	821.8
August	884.8	490.7	761.6	820.4	1,270.3	880.8	1,086.7	818.0	1,186.7	839.8	1,155.1	824.5
September	910.0	530.4	911.0	858.9	1,231.7	721.3	1,238.0	876.6	1,256.2	925.7	1,111.4	780.7
October	855.7	557.0	906.3	922.6	1,152.4	833.6	1,215.7	918.1	1,253.0	813.4	1,263.5	763.6
November	841.9	592.9	977.0	855.1	1,388.0	818.6	1,190.4	804.5	1,247.0	849.2	1,245.3	838.9
December	945.0	604.8	1,065.2	867.0	1,438.4	800.3	1,390.8	1,052.5	1,353.2	906.6	1,311.8	941.9

# No. 1111.—EXPORTS AND IMPORTS OF GOLD, BY MONTHS: 1949 TO 1954

[In thousands of dollars]

MONTH	1949		1950		1951		1952		1953		1954	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
January	6,399	72,612	7,223	46,201	107,834	2,240	13,223	76,864	3,867	1,653	7,074	1,555
February	4,499	25,978	4,119	4,350	110,136	2,257	17,805	168,129	3,813	1,827	303	1,930
March	5,108	24,879	4,338	2,706	125,704	2,242	1,473	158,600	4,262	7,746	3,975	9,397
April	12,020	25,615	2,130	55,419	112,842	2,245	1,313	97,932	2,704	9,685	1,088	3,517
May	1,612	11,142	1,553	14,628	43,357	2,398	2,824	30,060	1,835	1,874	774	2,004
June	5,483	12,389	2,246	12,274	41,422	3,840	3,445	40,051	3,654	1,690	541	3,831
July	6,890	137,986	4,069	2,556	28,374	12,165	1,580	26,047	2,747	2,255	852	2,400
August	11,563	268,936	46,368	4,146	19,183	15,533	2,861	5,947	1,881	1,754	1,274	2,978
September	15,857	114,002	108,448	11,998	3,462	14,341	1,244	34,590	10,100	10,039	1,065	2,128
October	2,397	58,527	95,967	2,519	26,326	7,896	2,988	86,465	3,752	4,306	781	2,377
November	2,998	10,629	161,750	3,117	9,366	7,302	1,580	1,872	2,668	2,114	1,203	2,712
December	10,110	8,697	95,825	2,833	2,375	8,800	5,587	13,697	3,526	2,081	2,363	3,024

# No. 1112.—EXPORTS AND IMPORTS OF SILVER, BY MONTHS: 1949 TO 1954

[In thousands of dollars]

MONTH	1949		1950		1951		1952		1953		1954	
	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports
January	581	2,116	47	8,065	3,623	10,999	157	6,125	1,318	10,878	314	4,412
February	261	3,278	30	4,355	282	8,101	513	6,177	506	7,272	128	5,618
March	214	6,444	110	6,317	1,932	17,486	142	8,126	144	13,886	182	6,326
April	4,783	2,825	62	3,412	332	10,016	587	4,678	883	6,285	190	4,843
May	514	12,190	70	8,253	273	7,015	1,535	4,680	230	5,364	134	5,124
June	1,818	10,237	1,219	6,126	182	16,828	215	5,038	3,578	11,296	167	5,956
July	11,910	6,824	375	10,408	665	4,686	236	5,733	307	6,548	227	7,146
August	2,090	6,056	425	8,904	194	6,616	216	4,877	324	6,243	460	9,351
September	160	5,628	334	17,371	678	4,807	382	4,499	403	11,873	262	7,727
October	86	7,508	335	12,350	250	6,975	411	7,778	253	6,497	196	8,366
November	184	6,370	947	13,870	88	6,284	258	5,009	198	5,091	1,144	9,036
December	680	4,060	2,246	10,602	89	3,656	270	4,578	282	3,870	233	5,795

Source of tables 1110 to 1112: Department of Commerce, Bureau of the Census; *Summary of Foreign Commerce of the United States*.



No. 1113.—GOLD UNDER EARMARK FOR FOREIGN ACCOUNT IN THE UNITED STATES:  
1917 TO 1954

[In thousands of dollars at rate of \$35 a fine ounce. End-of-month figures. Gold under earmark is gold held by Federal Reserve Banks in custody for foreign central banks and governments and international institutions. On certain occasions, figures also include gold earmarked in the names of domestic banks as security for foreign loans. Minus sign (—) denotes decrease. See also *Historical Statistics*, series N 170-171]

MONTH	1917	1918	1919	1950	1951	1952	1953	1954
January.....	3,632,326	3,633,286	3,780,349	4,366,500	5,874,260	4,870,715	5,484,755	6,527,063
February.....	4,316,800	3,705,452	3,802,549	4,416,911	6,058,617	4,718,496	5,808,882	6,536,993
March.....	4,113,260	3,768,827	3,819,274	4,512,343	6,169,856	4,821,588	5,915,393	6,539,013
April.....	3,841,270	3,880,374	3,837,015	4,571,518	6,067,942	4,896,945	5,932,207	6,501,474
May.....	3,828,213	3,883,215	3,799,240	4,601,391	6,080,889	4,869,861	5,981,064	6,549,845
June.....	3,709,254	3,801,544	3,677,608	4,619,018	6,034,619	4,850,595	6,049,580	6,566,732
July.....	3,682,509	3,989,955	3,697,544	4,708,987	6,043,409	4,881,989	6,221,240	6,639,400
August.....	3,640,192	3,930,480	3,906,084	5,140,365	5,906,433	4,914,609	6,300,013	6,704,769
September.....	3,487,080	3,832,342	4,060,883	5,206,254	5,729,779	4,928,385	6,354,985	6,739,395
October.....	3,491,049	3,831,373	4,150,000	5,352,474	5,486,398	5,020,815	6,427,439	6,773,994
November.....	3,573,835	3,731,714	4,213,939	5,387,786	5,298,028	5,049,819	6,462,530	6,810,736
December.....	3,618,427	3,777,659	4,273,338	5,625,720	5,008,167	5,313,008	6,483,771	6,808,921
Increase during year of gold under earmark.....	-209,979	159,232	495,679	1,352,382	-617,553	304,841	1,170,763	325,150

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin*.

No. 1114.—EXPORTS OF U. S. MERCHANDISE AND IMPORTS, BY ECONOMIC CLASSES—  
PERCENT DISTRIBUTION: 1820 TO 1954

[Percentages based on figures shown in table 1115]

YEAR OR YEARLY AVERAGE	PERCENT OF TOTAL EXPORTS OF UNITED STATES MERCHANDISE					PERCENT OF TOTAL IMPORTS <sup>2</sup>				
	Crude materials	Crude food-stuffs	Manufactured food-stuffs <sup>1</sup>	Semi-manufactures	Finished manufactures	Crude materials	Crude food-stuffs	Manufactured food-stuffs <sup>1</sup>	Semi-manufactures	Finished manufactures
1820.....	60.62	4.79	19.51	9.42	5.66	<sup>3</sup> 4.66	<sup>3</sup> 11.15	<sup>3</sup> 19.85	<sup>3</sup> 7.48	<sup>3</sup> 56.86
1830.....	62.65	4.65	16.32	7.04	9.34	7.65	11.77	15.39	8.22	56.97
1840.....	67.83	4.09	14.27	4.34	9.47	12.36	15.54	15.46	11.56	45.09
1850.....	62.36	5.59	14.84	4.49	12.72	7.24	10.38	12.37	15.08	54.93
1851-1860.....	61.67	6.61	15.39	4.01	12.32	9.63	11.70	15.43	12.50	50.74
1861-1870.....	38.80	15.59	24.09	5.19	16.34	12.63	13.64	18.98	13.77	40.98
1871-1880.....	38.59	19.70	21.99	4.61	15.10	17.24	15.98	20.72	13.05	33.01
1881-1890.....	35.96	17.99	25.26	5.15	15.65	21.36	15.35	17.77	14.78	30.74
1891-1900.....	29.89	18.06	25.62	7.98	18.45	26.45	16.92	16.96	13.87	25.80
1901-1910.....	30.98	10.55	20.14	12.77	25.57	34.07	11.80	12.04	17.32	24.77
1911-1915.....	30.74	8.83	14.32	15.41	30.70	34.91	12.80	12.56	17.37	22.36
1915-1920 <sup>4</sup> .....	18.22	9.16	17.66	15.39	39.58	40.13	12.15	16.21	17.10	14.40
1921-1925.....	27.54	9.74	13.93	12.45	36.33	37.40	11.09	12.99	17.66	20.86
1926-1930.....	24.40	6.40	9.72	14.14	45.35	36.80	12.56	9.88	18.89	21.88
1931-1935.....	30.23	3.85	8.83	14.51	42.57	28.91	15.61	13.73	18.72	23.03
1936-1940.....	19.05	3.77	5.53	19.30	52.36	33.08	13.10	14.16	20.94	18.72
1941-1945.....	5.78	1.67	11.64	9.39	71.54	33.01	16.36	11.51	21.15	17.97
1946-1950.....	13.96	8.33	9.95	11.10	56.66	30.26	18.79	10.72	22.34	17.89
1945.....	9.08	4.51	13.00	8.13	65.28	28.87	16.92	11.26	22.65	20.30
1946.....	14.90	6.82	16.02	9.42	52.83	35.84	16.88	10.44	19.29	17.55
1947.....	11.08	5.96	10.41	12.17	60.39	31.17	17.94	11.57	21.97	17.34
1948.....	11.88	10.10	10.48	10.94	56.60	30.27	17.93	10.31	23.03	18.46
1949.....	14.91	11.24	7.42	11.36	55.07	28.12	20.22	11.24	21.51	18.90
1950.....	18.60	7.49	5.94	11.05	56.92	28.20	20.01	10.28	24.31	17.20
1951.....	16.61	9.42	5.65	11.19	57.13	31.10	19.20	9.44	22.73	17.53
1952.....	13.17	9.10	4.84	10.76	62.13	27.33	19.24	10.07	23.87	19.43
1953.....	10.39	6.15	4.54	9.09	69.84	24.24	20.28	10.28	24.85	20.36
1954.....	12.69	4.95	5.08	12.12	65.16	23.57	21.50	10.90	22.58	21.45

<sup>1</sup> Includes beverages.

<sup>2</sup> "General imports" through 1932, "imports for consumption" thereafter.

<sup>3</sup> Data are for 1821.

<sup>4</sup> Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

# NO. 1115.—EXPORTS OF U. S. MERCHANDISE AND IMPORTS, BY ECONOMIC CLASSES: 1820 TO 1954

[In thousands of dollars. For basis of dollar values, see text, p. 885. For years ending Sept. 30, 1820 to 1840, and June 30, 1850 to 1915; calendar years thereafter, except as noted. For articles covered by each class, see *Foreign Commerce and Navigation of the United States*. See also *Historical Statistics*, series M 56-67]

YEAR OR YEARLY AVERAGE	Total	Crude materials	Crude foodstuffs	Manu- factured foodstuffs <sup>1</sup>	Semi- manu- factures	Finished manu- factures
EXPORTS OF U. S. MERCHANDISE						
1820 <sup>2</sup> .....	51,684	31,332	2,475	10,085	4,867	2,925
1830.....	58,525	36,665	2,724	9,557	4,118	5,462
1840.....	111,661	75,735	4,565	15,936	4,841	10,584
1850.....	134,900	84,124	7,536	20,017	6,061	17,162
1851-1860.....	232,149	143,156	15,337	35,734	9,317	28,605
1861-1870.....	238,947	105,643	32,764	50,446	12,047	38,048
1871-1880.....	574,889	216,219	117,030	128,599	26,428	86,614
1881-1890.....	750,146	269,174	135,711	189,489	38,534	117,239
1891-1900.....	1,006,183	295,876	182,812	255,670	82,422	189,404
1901-1910.....	1,589,000	493,391	164,900	316,800	205,170	408,740
1911-1915.....	2,331,648	716,637	205,939	333,971	359,239	715,861
1915-1920 <sup>3</sup> .....	6,416,513	1,168,995	587,588	1,133,226	987,185	2,539,520
1921-1925.....	4,310,221	1,187,056	420,002	600,710	536,793	1,565,660
1926-1930.....	4,687,788	1,143,762	299,794	455,814	662,688	2,125,730
1931-1935.....	1,988,914	601,344	76,528	175,686	288,622	846,734
1936-1940.....	3,166,518	603,209	119,282	174,998	610,984	1,658,045
1941-1945.....	9,922,152	573,224	165,291	1,154,445	931,461	7,097,731
1946-1950.....	11,672,622	1,629,723	972,872	1,161,471	1,295,386	6,613,170
1946.....	9,500,184	1,415,808	648,103	1,522,400	895,125	5,018,748
1947.....	14,252,285	1,578,541	848,887	1,483,157	1,734,329	8,607,371
1948.....	12,532,093	1,488,449	1,265,820	1,313,704	1,370,605	7,093,514
1949.....	11,936,125	1,779,777	1,341,795	885,682	1,355,835	6,573,036
1950.....	10,142,423	1,886,042	759,753	602,412	<sup>4</sup> 1,121,037	<sup>4</sup> 5,773,179
1951.....	14,879,499	2,470,784	1,401,165	841,181	<sup>4</sup> 1,665,120	<sup>4</sup> 8,501,248
1952.....	15,048,565	1,982,361	1,369,288	727,880	<sup>4</sup> 1,619,302	<sup>4</sup> 9,349,733
1953.....	15,651,891	1,626,093	962,142	709,875	<sup>4</sup> 1,423,253	<sup>4</sup> 10,930,528
1954.....	14,948,104	1,896,419	740,500	759,364	<sup>4</sup> 1,811,505	<sup>4</sup> 9,740,317
IMPORTS <sup>5</sup>						
1821.....	54,521	2,540	6,081	10,821	4,079	30,999
1830.....	62,721	4,797	7,382	9,654	5,152	35,735
1840.....	98,259	12,140	15,274	15,189	11,356	44,300
1850.....	173,510	12,556	18,012	21,466	26,163	95,313
1851-1860.....	284,475	27,394	33,286	43,904	35,559	144,332
1861-1870.....	331,867	41,939	45,261	62,997	45,688	135,982
1871-1880.....	535,222	92,268	85,532	110,913	69,839	176,671
1881-1890.....	692,187	147,852	106,253	122,978	102,335	212,769
1891-1900.....	763,328	201,870	129,177	129,425	105,919	196,938
1901-1910.....	1,158,500	394,659	136,675	139,438	200,693	287,036
1911-1915.....	1,712,319	597,701	219,035	215,144	297,476	382,963
1915-1920 <sup>3</sup> .....	3,358,354	1,347,667	408,152	544,549	574,421	483,566
1921-1925.....	3,450,103	1,290,375	382,539	448,089	609,225	719,875
1926-1930.....	4,033,469	1,484,123	506,616	398,310	762,034	882,385
1931-1935.....	1,704,267	492,638	265,985	233,963	319,123	392,558
1936-1940.....	2,440,042	807,235	319,603	345,523	510,950	456,731
1941-1945.....	3,475,593	1,147,159	568,713	400,069	735,153	624,499
1946-1950.....	6,583,595	1,992,288	1,237,045	706,002	1,470,589	1,177,671
1946.....	4,824,902	1,729,074	814,403	503,946	930,600	846,879
1947.....	5,666,321	1,766,160	1,016,775	655,698	1,244,908	982,781
1948.....	7,092,032	2,147,007	1,271,611	731,173	1,633,140	1,309,101
1949.....	6,591,640	1,853,712	1,332,880	740,770	1,418,388	1,245,890
1950.....	8,743,082	2,465,489	1,749,556	898,423	2,125,910	1,503,704
1951.....	10,817,341	3,364,555	2,076,708	1,021,645	2,458,574	1,895,860
1952.....	10,747,497	2,937,440	2,068,259	1,082,579	2,565,664	2,093,555
1953.....	10,778,905	2,613,029	2,185,257	1,107,874	2,678,408	2,194,339
1954.....	10,232,179	2,412,217	2,199,476	1,115,236	2,310,261	2,194,989

<sup>1</sup> Includes beverages.

<sup>2</sup> Corrected figures. These figures have been erroneously identified as for 1821 in earlier issues of *Statistical Abstract* and in source publications.

<sup>3</sup> Period July 1, 1915, to Dec. 31, 1920.

<sup>4</sup> For security reasons, a small amount of semimanufactures included with finished manufactures.

<sup>5</sup> "General imports" through 1932, "imports for consumption" thereafter.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.



**No. 1116.—EXPORTS OF U. S. MERCHANDISE AND IMPORTS—INDEXES OF QUANTITY, UNIT VALUE (PRICE), AND TOTAL VALUE: 1913 TO 1954**

[1923-25 average=100. Quantity and unit value indexes were constructed on a preceding year base and chained into the series shown below. (Indexes for 1919 and 1913, however, were derived by direct comparisons of data for those 2 years, since 1914 to 1918 were omitted from the series.) The calculations were made in accordance with Fisher's "ideal formula," using both the weights of the given year and those of the preceding (or base) year. Commodities not directly entering the calculations were taken into account in the weighting, within the several economic classes of merchandise, on the basis of certain assumptions regarding similarity of their price movements to price changes of selected commodities specifically covered.]

YEARLY AVERAGE OR YEAR	Quan- tity	Unit value	Value	Quan- tity	Unit value	Value	Quan- tity	Unit value	Value	Quan- tity	Unit value	Value
EXPORTS OF UNITED STATES MERCHANDISE												
	Total			Crude materials			Crude foodstuffs			Manufactured foodstuffs <sup>1</sup>		
1913.....	84	65	55	123	47	59	81	65	53	73	76	56
1921-1925.....	97	99	96	99	91	90	134	97	130	105	99	104
1926-1930.....	122	86	105	123	70	87	101	92	93	81	97	79
1931-1935.....	76	59	45	105	43	46	46	52	24	49	62	30
1936-1940.....	106	67	71	90	50	45	69	54	37	43	70	30
1941-1945.....	229	97	222	63	69	43	59	86	51	182	110	200
1946-1950.....	213	123	261	119	104	123	236	128	301	144	139	201
1947.....	252	126	319	119	100	120	190	139	263	159	161	257
1948.....	208	134	280	99	114	113	274	143	392	139	164	228
1949.....	214	125	267	124	108	135	329	126	416	118	131	154
1950.....	188	121	227	127	112	143	217	109	235	94	111	104
1951.....	241	138	333	141	133	187	359	121	434	105	139	146
1952.....	244	138	337	120	125	150	323	131	424	96	131	126
1953.....	256	137	350	104	118	123	242	123	298	91	135	123
1954.....	247	135	334	119	120	144	208	110	229	98	135	132
EXPORTS OF U. S. MERCHANDISE—continued												
	Semimanufactures			Finished manufactures			Total			Crude materials		
1913.....	91	72	65	65	73	48	66	70	46	58	72	42
1921-1925.....	88	100	88	90	107	96	94	94	89	97	90	88
1926-1930.....	114	95	108	143	91	130	116	90	104	116	87	101
1931-1935.....	72	65	47	81	64	52	92	48	45	92	36	33
1936-1940.....	127	80	101	148	68	101	113	56	64	107	51	55
1941-1945.....	153	100	152	424	102	434	117	77	91	110	71	78
1946-1950.....	157	135	212	336	120	404	141	122	172	142	95	135
1947.....	206	138	283	428	123	526	124	119	148	133	90	120
1948.....	150	149	224	334	130	433	141	132	185	144	101	145
1949.....	157	141	222	325	124	402	138	125	172	130	97	125
1950.....	133	138	183	292	121	353	168	136	228	157	106	167
1951.....	160	170	272	387	134	520	165	171	282	147	155	228
1952.....	158	167	265	424	135	571	174	162	281	155	128	199
1953.....	143	163	233	492	136	668	182	155	282	153	115	177
1954.....	183	162	296	443	134	595	169	158	267	146	112	163
IMPORTS <sup>2</sup> —continued												
	Crude foodstuffs			Manufactured foodstuffs <sup>1</sup>			Semimanufactures			Finished manufactures		
1913.....	67	77	52	74	54	40	64	75	48	84	64	54
1921-1925.....	98	91	89	96	94	91	87	98	86	93	100	93
1926-1930.....	109	109	118	119	68	80	112	96	107	123	93	114
1931-1935.....	110	56	62	112	44	49	73	62	45	89	58	51
1936-1940.....	133	56	75	149	49	73	101	72	72	102	59	60
1941-1945.....	152	88	133	127	67	85	115	90	104	98	84	82
1946-1950.....	148	196	290	146	103	150	154	135	208	112	138	155
1947.....	130	183	238	130	107	139	130	136	176	93	139	129
1948.....	147	202	298	142	109	155	149	155	231	114	151	172
1949.....	160	195	312	150	104	157	143	141	201	112	146	164
1950.....	153	268	410	182	105	191	219	138	301	139	143	198
1951.....	161	302	487	190	114	217	200	174	348	149	168	249
1952.....	159	304	485	201	115	230	206	176	363	166	166	275
1953.....	167	306	513	206	114	235	227	167	379	177	163	289
1954.....	141	366	516	210	112	237	202	162	327	177	163	289

<sup>1</sup> Includes beverages.

<sup>2</sup> Based on "general imports" through 1933; on "imports for consumption" thereafter.

Source: Department of Commerce, Bureau of Foreign Commerce.

No. 1117.—EXPORTS OF UNITED STATES MERCHANDISE, BY COMMODITY GROUPS:  
1936 TO 1954

[In thousands of dollars. "N. e. c." means not elsewhere classified]

COMMODITY	1936- 1940, average	1941- 1945, average	1946- 1950, average	1951	1952	1953	1954
<b>Total exports of domestic merchandise</b> .....	3,166,518	9,922,152	11,672,622	14,879,499	15,048,565	15,651,891	14,948,104
<b>Group 00.—Animals and animal products, edible, total</b> .....	67,355	898,205	517,628	384,727	263,579	254,003	283,107
Animals, edible.....	492	1,965	4,886	5,753	7,490	8,936	13,263
Meat products.....	26,409	379,553	124,405	60,032	51,506	60,206	60,805
Animal oils and fats, edible <sup>1</sup> .....	17,141	106,747	83,693	134,817	91,486	58,886	88,580
Dairy products.....	7,879	181,987	201,294	120,852	72,318	83,279	81,243
Fish.....	14,097	31,086	31,568	27,073	15,511	17,099	16,235
Other edible animal products.....	1,337	196,865	71,783	36,200	25,269	25,598	22,981
<b>Group 0.—Animals and animal products, inedible, total</b> .....	46,398	67,244	154,798	180,809	157,038	201,732	244,047
Hides and skins, raw, except furs.....	4,509	1,124	15,726	12,745	19,495	37,368	54,405
Leather.....	14,418	20,497	25,270	19,063	17,244	21,995	21,587
Leather manufactures.....	8,372	27,270	37,635	21,809	23,361	25,336	23,220
Furs and manufactures.....	14,763	10,976	35,605	32,375	29,832	30,432	30,728
Animal oils and greases, inedible.....	1,346	3,489	27,794	86,229	59,566	78,446	103,598
Other inedible animals and animal products.....	2,991	3,888	12,769	8,588	7,541	8,154	10,509
<b>Group 1.—Vegetable food products and beverages, total</b> .....	226,272	417,609	1,609,889	1,850,037	1,833,893	1,416,196	1,217,821
Grains and preparations.....	104,622	174,020	1,205,384	1,483,875	1,482,950	1,059,021	749,442
Fodders and feeds.....	9,736	4,124	19,443	33,870	13,277	20,629	36,281
Vegetables and preparations.....	15,304	83,002	113,863	83,798	106,349	98,987	100,735
Fruits and nuts.....	76,111	87,718	160,914	108,159	125,058	128,769	170,526
Vegetable oils and fats, edible <sup>1</sup> .....	3,342	14,038	30,515	64,371	29,032	25,928	86,001
Cocoa and coffee.....	2,749	1,686	8,962	6,510	8,334	10,197	12,027
Spices.....	243	675	1,206	952	809	952	1,055
Sugar and related products.....	10,444	31,272	37,865	36,538	31,713	29,234	19,522
Beverages.....	3,720	21,075	31,737	31,964	36,372	42,479	42,232
<b>Group 2.—Vegetable products, inedible, except fibers and wood, total</b> .....	194,282	355,081	642,039	812,758	650,558	760,919	814,713
Rubber and manufactures.....	33,293	118,585	146,782	143,273	159,788	143,869	147,386
Naval stores, gums, and resins.....	16,117	13,778	36,006	48,031	25,309	26,805	38,249
Drugs, herbs, leaves, and roots, crude.....	1,798	1,662	3,509	3,265	2,782	2,872	3,154
Oilseeds.....	3,998	5,604	39,284	97,088	83,664	124,186	159,247
Vegetable oils.....	4,693	30,618	46,345	102,199	52,283	30,653	67,019
Vegetable dyeing and tanning extracts.....	1,800	1,406	1,461	933	1,282	905	736
Seeds except oilseeds.....	2,463	13,034	14,983	7,988	5,527	8,218	18,510
Nursery and greenhouse stock.....	433	447	1,138	1,135	1,904	2,300	2,550
Tobacco and manufactures.....	123,099	153,557	328,092	332,246	305,328	404,962	366,277
Miscellaneous vegetable products.....	6,590	16,390	24,437	26,602	12,693	16,148	11,585
<b>Group 3.—Textiles, total</b> .....	386,213	523,510	1,509,613	1,968,005	1,536,073	1,167,138	1,416,302
Cotton, unmanufactured.....	282,940	151,727	674,203	1,146,372	873,520	521,225	787,664
Cotton semimanufactures.....	13,199	14,586	49,192	87,863	57,748	57,407	52,376
Cotton manufactures.....	47,710	170,752	422,063	390,384	312,207	271,812	264,927
Jute and manufactures.....	1,988	3,909	7,634	13,445	6,394	3,476	3,341
Flax, hemp, and ramie, and manufactures.....	527	1,219	5,786	2,329	3,598	3,590	2,718
Other vegetable fibers and manufactures.....	1,162	2,683	1,363	1,761	1,233	1,479	1,461
Wool, mohair, and Angora rabbit hair, unmanufactured.....	149	5,500	6,048	409	79	3,133	3,736
Wool semimanufactures.....	2,009	5,748	14,332	18,371	9,518	22,778	27,561
Wool manufactures.....	2,810	72,775	47,230	18,898	9,367	8,766	8,732
Hair and manufactures.....	2,156	1,646	4,618	4,666	2,721	2,962	3,507
Silk manufactures.....	6,838	1,702	2,947	2,145	2,603	2,220	2,401
Rayon and other synthetic textiles.....	12,397	49,238	212,251	226,436	205,803	220,274	217,529
Miscellaneous textile products.....	12,327	42,026	61,947	54,926	51,283	48,014	40,349
<b>Group 4.—Wood and paper, total</b> .....	118,374	161,836	247,432	379,964	318,863	261,313	344,581
Wood, unmanufactured.....	4,898	2,423	6,502	11,066	12,606	10,790	12,186
Wood semimanufactures—sawmill products.....	43,162	29,752	68,684	96,417	76,620	64,877	69,886
Wood manufactures.....	16,211	36,039	39,189	36,575	32,618	29,416	30,310
Cork manufactures.....	935	1,871	3,554	4,663	3,370	3,114	3,901
Paper base stocks.....	17,668	19,582	18,638	52,179	39,143	27,913	66,695
Paper and manufactures.....	35,500	72,168	110,865	179,064	154,507	125,204	161,602

See footnotes at end of table.



No. 1117.—EXPORTS OF UNITED STATES MERCHANDISE, BY COMMODITY GROUPS:  
1936 to 1954—Continued

[In thousands of dollars]

COMMODITY	1936- 1940, average	1941- 1945, average	1946- 1950, average	1951	1952	1953	1954
<b>Group 5.—Nonmetallic minerals, total.</b>	<b>466,369</b>	<b>848,002</b>	<b>1,175,713</b>	<b>1,638,845</b>	<b>1,538,439</b>	<b>1,273,905</b>	<b>1,214,570</b>
Coal and related fuels.....	66,745	164,497	405,244	605,119	509,892	346,060	312,132
Petroleum and products.....	345,619	572,845	559,105	783,007	793,190	691,944	657,555
Stone, cement, and lime.....	2,528	8,724	18,235	12,401	13,983	12,733	9,879
Glass and glass products.....	10,310	27,265	58,442	64,479	55,415	65,781	62,303
Clays and clay products.....	9,449	19,550	42,153	59,601	56,956	51,978	49,129
Other nonmetallic minerals, including precious.....	31,718	55,122	92,534	114,238	109,002	105,410	123,571
<b>Group 6.—Metals and manufactures, except machinery and vehicles, total.</b>	<b>476,637</b>	<b>884,491</b>	<b>1,026,284</b>	<b>1,036,852</b>	<b>1,223,387</b>	<b>1,050,097</b>	<b>1,185,195</b>
Iron ore.....	3,232	7,259	11,924	30,997	37,404	32,422	24,784
Iron and steel semimanufactures.....	196,955	324,347	315,314	320,334	399,934	289,654	347,436
Steel-mill products—manufactures.....	72,617	218,736	309,773	290,834	221,424	205,228	163,005
Iron and steel, advanced manufactures.....	50,304	116,442	193,337	196,179	<sup>2</sup> 310,994	<sup>2</sup> 306,166	<sup>2</sup> 299,932
Ferro-alloys, ores, and metals, n. e. c.....	13,392	6,719	5,455	5,575	7,796	3,383	3,390
Nonferrous metals, except precious.....	137,421	209,114	185,742	186,565	240,854	207,943	341,123
Precious metals and plated ware, except jewelry, and gold and silver in ore, bullion, and coin.....	2,717	1,873	4,739	6,368	4,982	5,303	5,524
<b>Group 7.—Machinery and vehicles, total.</b>	<b>912,154</b>	<b>4,274,262</b>	<b>3,427,633</b>	<b>4,680,159</b>	<b>5,138,227</b>	<b>5,671,375</b>	<b>5,274,029</b>
Electrical machinery and apparatus.....	105,605	257,992	454,905	633,347	751,763	893,186	861,613
Industrial machinery <sup>3</sup> .....	281,897	675,193	1,178,021	1,575,103	1,693,455	1,544,712	1,455,951
Office appliances.....	29,370	17,986	82,730	119,538	89,146	87,337	91,064
Printing machinery.....	9,816	4,465	35,027	35,823	28,356	30,013	36,473
Agricultural machinery and implements <sup>4</sup> .....	68,027	118,232	98,557	140,790	140,810	138,432	125,721
Automobiles and other vehicles <sup>4</sup> .....	417,439	3,201,294	1,578,394	2,175,557	2,434,696	2,977,696	2,703,206
<b>Group 8.—Chemicals and related products, total.</b>	<b>153,099</b>	<b>399,956</b>	<b>716,210</b>	<b>994,264</b>	<b>819,171</b>	<b>819,213</b>	<b>1,003,803</b>
Coal-tar products.....	16,297	32,604	85,125	80,171	51,248	55,503	75,842
Medicinal and pharmaceutical preparations.....	20,208	75,709	184,681	281,380	221,169	216,704	243,810
Chemical specialties.....	29,182	66,669	155,427	274,073	261,332	266,682	326,194
Industrial chemicals <sup>5</sup> .....	32,888	97,405	119,256	172,779	129,726	118,989	149,901
Pigments, paints, and varnishes.....	20,638	25,276	74,388	103,174	78,645	84,393	105,074
Fertilizers and fertilizer materials.....	17,676	17,489	60,740	50,662	42,626	42,143	61,911
Explosives, fuses, etc.....	7,203	69,063	8,600	12,164	15,878	15,478	22,178
Soap and toilet preparations.....	9,007	15,739	27,993	19,861	18,547	19,320	18,894
<b>Group 9.—Miscellaneous, total.</b>	<b>119,365</b>	<b>1,091,959</b>	<b>645,382</b>	<b>953,079</b>	<b>1,569,337</b>	<b>2,775,997</b>	<b>1,949,936</b>
Photographic and projection goods <sup>4</sup> .....	19,617	22,361	55,420	60,082	56,711	65,193	78,949
Scientific and professional instruments, apparatus, and supplies <sup>6</sup> .....	12,648	107,760	67,816	63,869	55,778	57,508	63,593
Musical instruments.....	2,582	2,988	15,001	22,260	19,596	25,385	29,220
Miscellaneous office supplies.....	6,668	11,413	37,833	26,414	21,212	27,242	30,467
Toys, athletic and sporting goods.....	4,906	3,707	16,790	15,667	17,460	20,939	21,663
Ordnance and pyrotechnics.....	17,500	751,909	41,080	254,660	392,520	704,897	434,535
Books, maps, pictures, and other printed matter.....	21,794	32,712	63,893	67,512	71,670	81,431	86,642
Clocks and watches.....	2,828	3,982	10,437	9,165	10,090	9,379	7,695
Art works—painting and statuary.....	1,025	1,002	1,938	1,188	1,396	1,202	2,143
Jewelry.....	2,775	5,621	21,520	13,391	14,293	16,106	17,405
Miscellaneous, n. e. c.....	27,020	148,504	313,654	418,871	908,611	1,766,717	1,177,624

<sup>1</sup> Beginning 1949, margarine included with "Vegetable oils and fats, edible"; with "Animal oils and fats, edible" in prior years.<sup>2</sup> Includes some nonferrous articles.<sup>3</sup> Includes a small portion of watercraft not shown separately because of security regulations.<sup>4</sup> Beginning 1946, tractors, parts and accessories included with "Automobiles and other vehicles"; with "Agricultural machinery and implements" in prior years.<sup>5</sup> Beginning 1950, certain commodities excluded under security regulations and shown under "Miscellaneous, n. e. c."Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

## No. 1118.—IMPORTS OF MERCHANDISE, BY COMMODITY GROUPS: 1936 TO 1954

[In thousands of dollars. Represents imports for consumption. "N. e. c." means not elsewhere classified]

COMMODITY	1936-1940, average	1941-1945, average	1946-1950, average	1951	1952	1953	1954 (prel.)
<b>Total imports of merchandise</b> .....	<b>2, 440, 042</b>	<b>3, 475, 593</b>	<b>6, 583, 595</b>	<b>10,817,341</b>	<b>10,747,497</b>	<b>10,778,905</b>	<b>10,232,179</b>
<b>Group 00.—Animals and animal products, edible, total</b> .....	<b>90, 761</b>	<b>103, 985</b>	<b>243, 767</b>	<b>429, 779</b>	<b>399, 333</b>	<b>423, 579</b>	<b>435, 050</b>
Animals, edible.....	15, 535	21, 225	49, 073	52, 945	14, 404	19, 671	13, 500
Meat products.....	28, 064	28, 823	62, 901	187, 485	158, 902	171, 509	180, 217
Animal oils and fats, edible.....	661	791	83	76	534	56	(1)
Dairy products.....	13, 013	4, 757	14, 641	25, 194	36, 859	28, 978	26, 086
Fish.....	30, 819	46, 030	110, 639	157, 171	181, 306	193, 854	209, 273
Other edible animal products.....	2, 670	2, 358	6, 432	6, 908	7, 329	9, 511	1 5, 973
<b>Group 0.—Animals and animal products, inedible, total</b> .....	<b>169, 882</b>	<b>236, 821</b>	<b>360, 826</b>	<b>408, 366</b>	<b>292, 141</b>	<b>270, 407</b>	<b>245, 527</b>
Hides and skins, raw (except furs).....	50, 591	67, 789	92, 458	132, 770	60, 077	73, 772	52, 583
Leather.....	8, 748	14, 355	22, 674	24, 647	16, 149	20, 792	17, 193
Leather manufactures.....	7, 644	9, 361	15, 890	20, 687	20, 954	25, 546	27, 930
Furs and manufactures.....	69, 781	107, 797	149, 405	114, 275	78, 656	73, 014	72, 004
Animal oils, fats, and greases, inedible.....	6, 512	9, 820	8, 783	14, 085	10, 207	8, 455	7, 131
Other animals and animal products, inedible.....	26, 606	27, 699	71, 614	101, 901	106, 097	68, 831	68, 685
<b>Group 1.—Vegetable food products and beverages, total</b> .....	<b>574, 365</b>	<b>864, 797</b>	<b>1, 699, 280</b>	<b>2, 654, 764</b>	<b>2, 749, 716</b>	<b>2, 867, 702</b>	<b>2, 879, 659</b>
Grains and preparations.....	44, 342	112, 286	42, 787	131, 428	165, 701	169, 286	92, 600
Fodders and feeds.....	11, 318	16, 397	23, 092	42, 103	74, 158	40, 141	39, 360
Vegetables and preparations.....	19, 413	29, 678	52, 762	52, 894	55, 304	56, 964	48, 383
Fruits and nuts.....	59, 902	63, 291	151, 263	168, 961	163, 527	188, 173	177, 039
Vegetable oils and fats, edible.....	17, 503	8, 427	13, 841	14, 431	14, 649	18, 607	21, 228
Cocoa, coffee, and tea.....	191, 568	331, 852	916, 112	1, 613, 792	1, 608, 311	1, 701, 963	1, 832, 803
Spices.....	12, 501	15, 689	40, 406	58, 362	58, 045	57, 422	46, 019
Sugar and related products.....	162, 536	211, 915	366, 095	444, 406	478, 529	477, 095	461, 838
Beverages.....	65, 282	75, 262	92, 921	128, 386	131, 492	158, 053	160, 390
<b>Group 2.—Vegetable products, inedible, except fibers and wood, total</b> .....	<b>393, 850</b>	<b>369, 791</b>	<b>734, 045</b>	<b>1, 279, 225</b>	<b>1, 041, 594</b>	<b>723, 329</b>	<b>627, 768</b>
Rubber and manufactures.....	211, 308	165, 642	323, 780	829, 894	642, 374	351, 059	284, 330
Gums, resins, and balsams, n. e. c.....	12, 758	25, 118	38, 707	35, 733	29, 298	23, 552	26, 349
Drugs, herbs, leaves, roots, etc.....	10, 398	17, 050	29, 123	31, 031	35, 393	29, 605	31, 844
Oilseeds.....	40, 086	40, 564	108, 707	104, 112	56, 181	68, 641	62, 299
Vegetable oils.....	60, 773	45, 662	95, 646	116, 207	99, 087	88, 249	75, 164
Dyeing and tanning materials, n. e. c.....	6, 790	11, 852	20, 214	32, 099	47, 846	37, 165	19, 068
Seeds, except oilseeds.....	5, 512	3, 932	14, 858	20, 636	21, 127	17, 870	18, 580
Nursery and greenhouse stock.....	3, 255	1, 602	9, 323	10, 155	13, 222	13, 935	13, 293
Tobacco and manufactures.....	37, 706	54, 223	83, 441	88, 107	83, 474	85, 266	85, 696
Miscellaneous vegetable products.....	5, 263	4, 146	10, 249	11, 250	13, 594	13, 485	11, 144
<b>Group 3.—Textiles, total</b> .....	<b>382, 072</b>	<b>461, 117</b>	<b>801, 068</b>	<b>1, 495, 121</b>	<b>1, 110, 116</b>	<b>926, 423</b>	<b>794, 595</b>
Cotton, unmanufactured.....	11, 425	20, 208	41, 202	42, 364	40, 028	42, 076	29, 158
Cotton semimanufactures.....	3, 404	2, 740	9, 315	11, 993	7, 683	7, 296	7, 597
Cotton manufactures.....	38, 735	16, 202	42, 502	68, 547	59, 268	72, 629	75, 525
Jute and manufactures.....	47, 056	63, 255	133, 919	159, 838	142, 136	102, 663	92, 359
Flax, hemp, and ramie, and manufactures.....	27, 450	12, 556	34, 252	45, 044	31, 868	36, 862	36, 617
Other vegetable fiber and manufactures.....	25, 993	41, 764	73, 248	154, 100	141, 408	92, 675	72, 066
Wool, including mohair, etc., unmanufactured.....	61, 291	247, 905	291, 210	713, 533	382, 211	295, 749	222, 479
Wool semimanufactures.....	6, 405	6, 496	20, 728	58, 878	74, 914	42, 195	33, 134
Wool manufactures.....	19, 601	16, 067	48, 375	92, 662	89, 739	98, 125	90, 317
Hair and manufactures, n. e. c.....	4, 117	8, 200	10, 348	15, 646	7, 033	8, 704	6, 995
Silk, unmanufactured.....	109, 947	13, 021	32, 649	21, 090	37, 383	28, 320	33, 349
Silk manufactures.....	8, 250	2, 228	20, 708	37, 478	34, 848	34, 943	30, 806
Manufactures of rayon or other synthetic textiles.....	7, 815	2, 186	22, 795	52, 149	37, 604	35, 675	32, 006
Miscellaneous textile products.....	10, 584	8, 287	19, 816	21, 799	23, 993	28, 508	27, 185

See footnotes at end of table.



No. 1118.—IMPORTS OF MERCHANDISE, BY COMMODITY GROUPS: 1936 TO 1954—  
Continued

[In thousands of dollars]

COMMODITY	1936- 1940, average	1941- 1945, average	1946- 1950, average	1951	1952	1953	1954 (prel.)
<b>Group 4.—Wood and paper, total.....</b>	<b>261,779</b>	<b>327,821</b>	<b>865,849</b>	<b>1,304,370</b>	<b>1,261,589</b>	<b>1,302,226</b>	<b>1,327,220</b>
Wood, unmanufactured.....	7,903	11,182	23,388	29,484	28,258	30,775	27,502
Wood semimanufactures—sawmill products.....	19,328	50,280	142,082	229,200	221,573	236,048	252,146
Wood manufactures.....	11,371	11,569	37,696	66,648	68,432	83,173	102,156
Cork and manufactures.....	5,872	9,023	14,376	20,803	17,163	18,723	19,905
Paper base stocks.....	93,395	101,123	252,303	414,050	325,838	301,139	288,835
Paper and manufactures <sup>2</sup> .....	123,911	144,645	396,004	544,176	600,326	632,367	636,676
<b>Group 5.—Nonmetallic minerals, total.....</b>	<b>137,176</b>	<b>246,052</b>	<b>633,068</b>	<b>977,078</b>	<b>1,061,570</b>	<b>1,161,083</b>	<b>1,232,402</b>
Coal and related fuels.....	4,844	4,297	4,833	4,470	6,981	3,981	3,377
Petroleum and products.....	47,654	93,981	379,027	601,261	691,862	761,652	828,361
Stone, cement, lime, and gypsum.....	3,564	9,547	8,454	13,684	12,180	13,841	15,084
Glass and glass products.....	6,102	1,084	7,564	21,664	17,389	30,237	27,360
Clays and clay products.....	9,515	6,175	19,434	40,962	45,327	45,998	49,214
Other nonmetallic minerals.....	21,466	46,834	67,020	119,284	111,222	126,186	114,464
Precious stones and imitations.....	44,034	84,133	146,736	175,753	176,610	179,184	194,543
<b>Group 6.—Metals and manufactures, except machinery and vehicles, total.....</b>	<b>242,551</b>	<b>519,481</b>	<b>801,041</b>	<b>1,435,403</b>	<b>1,923,482</b>	<b>2,097,882</b>	<b>1,718,719</b>
Iron ore and concentrates.....	5,697	3,088	28,107	59,555	82,903	96,842	119,277
Iron and steel semimanufactures.....	4,840	1,764	35,878	217,354	89,927	132,588	42,856
Steel-mill products—manufactures.....	10,807	5,811	15,395	125,338	123,381	122,853	78,444
Iron and steel, advanced manufac- tures.....	2,882	3,178	5,686	21,266	24,733	27,352	34,815
Ferro-alloys.....	25,513	64,793	80,126	132,905	200,228	320,747	235,701
Nonferrous metals, except precious.....	183,770	427,085	613,381	829,801	1,362,287	1,341,923	1,153,834
Precious metals, jewelry, and plated ware, except gold and silver in ore, bullion, and coin.....	9,042	13,762	22,468	49,184	40,023	55,577	53,793
<b>Group 7.—Machinery and vehicles, total.....</b>	<b>17,532</b>	<b>83,125</b>	<b>111,537</b>	<b>243,334</b>	<b>353,800</b>	<b>352,983</b>	<b>358,505</b>
Electrical machinery and apparatus.....	2,075	14,438	5,189	18,039	27,293	43,797	45,903
Industrial, office and printing ma- chinery.....	9,074	9,999	22,408	71,340	125,782	129,693	120,788
Agricultural machinery and imple- ments.....	4,519	6,051	58,734	96,626	98,220	71,923	73,210
Automobiles and other vehicles, except agricultural.....	1,864	52,638	25,206	57,329	102,505	107,569	118,603
<b>Group 8.—Chemicals and related prod- ucts, total.....</b>	<b>79,662</b>	<b>130,741</b>	<b>118,702</b>	<b>300,607</b>	<b>243,938</b>	<b>292,921</b>	<b>249,305</b>
Coal-tar chemicals.....	15,501	9,719	14,977	53,791	46,478	41,099	34,512
Medicinal and pharmaceutical preparations.....	4,847	7,920	7,191	11,823	6,124	5,896	7,085
Industrial chemicals.....	19,036	28,835	33,264	120,036	63,854	74,641	58,337
Pigments, paints, and varnishes.....	1,605	780	1,992	5,328	3,569	4,886	5,151
Fertilizers and materials.....	35,250	31,688	54,489	102,100	114,561	137,668	122,052
Explosives.....	621	49,401	1,886	1,682	4,747	23,201	15,243
Soap and toilet preparations.....	2,801	2,398	4,904	5,847	4,604	5,530	6,926
<b>Group 9.—Miscellaneous, total.....</b>	<b>90,412</b>	<b>131,861</b>	<b>214,414</b>	<b>289,296</b>	<b>310,217</b>	<b>354,867</b>	<b>363,429</b>
Photographic goods <sup>2</sup> .....	6,601	1,433	6,327	17,023	21,295	25,415	20,125
Scientific and professional instru- ments, apparatus, and supplies, n. e. c.....	2,047	1,523	3,337	9,811	11,735	12,683	14,390
Musical instruments.....	3,795	1,211	9,392	13,817	14,971	17,056	16,604
Toys, athletic and sporting goods.....	2,964	800	4,858	8,646	11,609	17,016	20,563
Firearms.....	294	13,080	1,427	4,103	6,575	9,676	12,995
Books and other printed matter.....	8,388	5,394	13,162	20,004	18,986	18,999	21,723
Clocks, watches, etc.....	10,275	38,652	57,387	67,381	72,555	84,703	67,311
Art works.....	19,224	3,678	19,615	21,634	23,836	21,568	27,400
Miscellaneous articles, n. e. c.....	36,824	66,090	98,909	126,876	128,655	147,751	162,317

<sup>1</sup> Beginning 1954, "Animal oils and fats, edible" included with "Other edible animal products."<sup>2</sup> Beginning 1954, photographic paper included with "Paper and Manufactures;" formerly included with "Photographic goods."Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

# No. 1119.—EXPORTS OF UNITED STATES MERCHANDISE—VALUE OF SELECTED ARTICLES: 1821 TO 1954

[In thousands of dollars. For basis of dollar values, except export figures for 1870-78, see text, p. 885. Export figures for those years are mixed gold and currency values. For years ending Sept. 30 through 1840, and June 30, 1850 through 1915; calendar years thereafter. In some cases blanks represent entire absence of trade; in other cases the item is not available separately.]

YEAR OR YEARLY AVERAGE	Meat products	Animal fats and oils <sup>1</sup>	Leather	Rye	Wheat and wheat flour	Oil cake and oil-cake meal	Fruits and nuts <sup>2</sup>	Rubber and manufactures <sup>3</sup>	Naval stores, gums, and resins	Tobacco, unmanufactured
1821-----					4,476				315	5,649
1830-----					6,132		24		356	5,586
1840-----					11,779		55		666	9,884
1850-----					7,742		25		1,372	9,951
1860-----	8,080	6,200	693		19,525	1,609	206	241	3,886	15,907
1870-----	11,630	9,909	111	217	68,341	3,419	543	186	3,277	21,100
1871-1880-----	50,299	30,635	5,521	1,452	108,067	4,732	1,485	237	4,852	24,028
1881-1890-----	64,539	36,330	8,271	1,283	131,966	6,847	3,309	709	6,187	21,246
1891-1900-----	91,521	52,251	15,317	3,323	147,694	10,433	6,235	1,865	8,735	24,083
1901-1910-----	102,256	79,130	27,627	1,150	124,399	21,471	15,655	6,218	16,668	31,539
1911-1915-----	81,315	83,806	44,656	3,613	172,788	25,570	31,865	13,362	21,852	46,064
1915-1920 <sup>4</sup> -----	401,251	166,868	110,215	52,009	512,963	21,978	61,501	46,430	20,417	139,509
1921-1925-----	139,833	144,085	44,287	39,475	321,864	24,695	82,869	39,003	22,379	164,596
1926-1930-----	77,988	116,071	47,481	14,767	230,647	24,392	122,234	67,366	30,353	144,549
1931-1935-----	28,724	36,987	17,120	139	39,237	7,613	84,798	22,961	14,722	103,742
1936-1940-----	26,409	18,183	14,418	1,392	55,708	8,188	76,111	33,293	16,117	109,798
1941-1945-----	379,553	109,169	20,497	1,580	104,941	908	87,718	118,585	13,778	137,720
1946-1950-----	124,405	108,565	25,270	7,393	872,128	11,124	160,914	146,782	36,006	267,888
1947-----	129,300	111,445	33,373	5,454	868,078	14,992	199,096	214,516	47,763	270,687
1948-----	56,753	88,978	20,462	2,934	1,392,663	7,044	194,404	132,402	30,494	214,526
1949-----	51,454	134,966	28,286	15,841	1,001,608	24,541	139,762	114,432	32,044	251,945
1950-----	43,107	112,107	20,003	5,896	488,597	8,867	99,850	91,192	42,442	251,060
1951-----	60,032	214,341	19,063	11,604	996,502	22,443	108,159	143,273	48,031	325,528
1952-----	51,506	147,373	17,244	9,608	942,081	2,826	125,058	159,788	25,309	246,394
1953-----	60,206	129,567	21,995	10	589,628	9,768	128,769	143,869	26,805	340,835
1954 (prel.)-----	60,805	181,123	21,587	1,337	361,151	22,591	170,526	147,386	38,249	303,069

YEAR OR YEARLY AVERAGE	Cotton, unmanufactured	Cotton manufactures <sup>5</sup>	Sawmill products <sup>6</sup>	Other wood manufactures <sup>6</sup>	Coal and coke	Petroleum and products	Iron and steel-mill products <sup>8</sup>	Copper and manufactures	Machinery, all classes	Automobiles including engines and parts <sup>7</sup>
1821-----	20,157		1,513							
1830-----	29,675		1,650					27		
1840-----	63,870	1,318	2,072	426				37		
1850-----	71,985	3,550	2,545	921				87		
1860-----	191,807	4,734	2,279	167				105		
1870-----	227,028	10,935	3,714	6,318	741			1,664		
1871-1880-----	194,577	3,787	4,921	7,625	1,306	32,669	539	1,042	5,783	
1881-1890-----	221,689	6,622	7,341	8,470	2,506	40,361	1,150	1,657	8,365	
1891-1900-----	225,819	12,558	12,549	9,134	4,912	49,452	1,622	5,630	13,607	
1901-1910-----	386,613	16,924	18,856	11,509	12,095	59,055	11,840	25,569	36,093	
1911-1915-----	537,044	33,237	43,397	18,448	32,491	93,032	43,528	73,638	95,971	<sup>8</sup> 6,292
1915-1920 <sup>4</sup> -----	768,361	52,525	62,458	23,608	58,648	137,466	96,313	123,655	158,897	35,805
1921-1925-----	804,985	214,697	63,213	33,973	151,590	349,316	491,191	208,909	354,216	157,775
1926-1930-----	765,674	133,052	88,233	27,690	131,112	406,267	166,776	129,761	320,048	177,164
1931-1935-----	366,539	124,079	104,580	32,848	121,800	525,265	170,666	149,999	488,042	406,164
1936-1940-----	282,940	45,423	38,573	12,622	51,678	232,081	62,931	39,920	212,499	146,503
1941-1945-----	151,727	60,909	43,162	16,211	66,745	345,619	269,571	87,680	494,612	273,114
1946-1950-----	674,203	185,337	29,752	36,039	164,497	572,845	543,083	79,333	1,072,968	456,273
1947-----		471,256	68,684	39,189	405,244	559,105	625,086	88,037	2,073,837	820,816
1948-----	423,241	852,492	120,589	68,266	632,448	641,395	824,465	102,489	2,351,731	1,149,433
1949-----	511,005	498,720	64,027	35,518	492,275	657,047	649,456	113,563	2,259,053	930,367
1950-----	874,216	366,340	59,956	31,078	307,940	561,850	731,928	97,111	2,354,711	752,592
1951-----	1,024,397	263,484	48,484	24,761	277,823	499,474	472,463	88,437	2,634,546	723,143
1952-----	1,146,372	478,247	96,417	36,575	605,119	783,007	611,167	100,993	2,615,152	1,190,512
1953-----	873,520	369,954	76,620	32,618	509,892	793,190	621,357	155,827	2,868,420	986,836
1954 (prel.)-----	521,225	329,220	64,877	29,416	346,060	691,944	494,881	116,855	3,013,402	963,116
	787,664	317,303	69,886	30,310	312,132	657,555	510,442	198,687	2,858,080	1,035,243

<sup>1</sup> Includes margarine of vegetable origin through 1948. Excludes inedible fish oils. Excludes "lard compounds" beginning 1921; now classified as "vegetable cooking fats." <sup>2</sup> Includes fruit and nut preparations.

<sup>3</sup> Natural and synthetic rubber. <sup>4</sup> Average for period July 1, 1915, to Dec. 31, 1920.

<sup>5</sup> Includes semimanufactures.

<sup>6</sup> Box, crate, and package shooks (except fruit and vegetable) included with "Other wood manufactures" beginning 1949; classified as "Sawmill products" in prior years.

<sup>7</sup> Exclusive of machinery and vehicles manufactured to military specifications beginning July 1949.

<sup>8</sup> Average for 1906-10.

<sup>9</sup> Includes a small amount of nonferrous metal articles.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.



## No. 1120.—IMPORTS—VALUE OF SELECTED COMMODITIES: 1821 TO 1954

[In thousands of dollars. For basis of dollar values, see text, p. 885. Figures represent "general imports" through 1932, "imports for consumption" thereafter. For years ending Sept. 30 through 1840, and June 30, 1850 through 1915; calendar years thereafter. In some cases blanks represent entire absence of trade; in other cases the item is not available separately]

YEAR OR YEARLY AVERAGE	Hides and skins	Furs, and manufac- tures <sup>1</sup>	Fruits and nuts	Vegetable oils and fats, expressed or extracted	Coffee	Sugar <sup>2</sup>	Rubber, crude	Tobacco, unmanufactured	Cotton manufactures <sup>3</sup>	Burlaps
1821.....	893	224	181		4,490	3,554			7,391	
1830.....	2,410	306	520	18	4,227	4,631			7,865	
1840.....	2,756	423	1,405	263	8,546	5,581			6,504	
1850.....	4,799	1,014	1,191	922	11,235	7,556		272	20,781	
1860.....	10,525	1,838	4,804	1,619	21,884	31,079	1,427	1,366	33,216	
1870.....	14,402	2,236	7,417	2,153	24,235	56,924	3,460	2,534	23,380	
1871-1880.....	17,443	4,192	11,237	1,164	48,874	75,216	5,695	4,363	26,691	
1881-1890.....	24,776	7,224	18,732	1,798	55,381	85,760	13,262	8,682	30,299	2,276
1891-1900.....	32,143	9,466	19,492	3,371	83,025	97,371	21,135	12,083	31,588	6,925
1901-1910.....	69,363	18,236	28,363	10,676	71,473	84,863	47,755	20,824	57,845	18,549
1911-1915.....	102,967	19,341	43,033	26,554	108,970	118,240	82,736	31,576	63,049	30,749
1915-1920 <sup>4</sup> .....	201,517	47,620	61,755	84,462	165,265	393,906	192,149	51,012	65,816	62,591
1921-1925.....	93,067	80,552	75,499	59,652	205,792	295,389	192,922	64,831	86,568	60,406
1926-1930.....	118,003	114,785	84,868	81,940	281,707	207,318	294,428	57,018	63,627	72,250
1931-1935.....	39,795	43,125	48,407	45,012	141,173	113,110	74,573	27,118	34,472	26,441
1936-1940.....	50,591	69,781	59,902	72,768	137,736	138,521	206,312	34,294	42,139	35,667
1941-1945.....	67,789	107,798	63,291	43,840	265,638	171,975	143,694	50,496	18,942	50,074
1946-1950.....	92,458	149,405	151,263	94,812	731,709	334,782	311,446	80,763	51,816	102,062
1947.....	85,839	125,889	136,053	117,379	601,318	410,516	316,740	90,694	31,029	109,019
1948.....	107,765	164,548	161,324	103,636	697,679	313,059	309,137	77,590	52,800	131,313
1949.....	72,533	108,836	146,812	70,014	795,145	372,167	240,312	73,239	49,846	103,237
1950.....	118,681	109,372	168,847	109,498	1,092,022	381,187	458,241	76,387	80,904	90,558
1951.....	132,720	114,275	168,961	107,569	1,361,837	387,182	809,330	85,441	80,540	112,128
1952.....	60,077	78,656	163,527	95,667	1,375,986	416,405	618,822	80,675	66,951	113,716
1953.....	73,771	73,014	188,173	92,682	1,468,878	425,394	331,498	82,182	79,926	75,543
1954.....	52,583	72,004	177,039	79,765	1,485,688	409,124	261,853	82,666	83,122	70,942

YEAR OR YEARLY AVERAGE	Wool and mohair	Wool manufactures <sup>5</sup> (including rags, noils, waste)	Silk, raw	Saw-mill products	Wood pulp	Paper and manufactures	Petroleum and products	Copper, including ore and manufactures	Tin, including ore	Fertilizers and materials <sup>6</sup>
1821.....		7,239				58		233	149	
1830.....	97	5,901	119			170		807	108	
1840.....	846	10,808	234			70		1,653	229	
1850.....	1,690	19,621	386			432		2,418	674	92
1860.....	4,843	43,142	1,236			497		1,630	1,158	526
1870.....	6,743	34,491	3,018			1,100		656	2,043	2,192
1871-1880.....	12,828	38,123	6,390	5,618		1,591		1,084	3,032	2,317
1881-1890.....	13,531	43,292	15,963	8,074		2,082		498	6,028	4,700
1891-1900.....	22,171	32,014	26,160	7,887	1,478	3,016		3,381	9,146	6,642
1901-1910.....	32,410	19,357	55,509	14,699	5,378	5,124		30,319	25,897	20,969
1911-1915.....	42,664	22,777	80,079	18,276	16,254	12,952	8,868	46,129	41,493	39,631
1915-1920 <sup>4</sup> .....	170,173	26,852	213,960	36,521	42,814	47,214	31,174	103,805	73,739	67,142
1921-1925.....	102,369	64,592	348,123	50,653	67,002	105,239	91,857	77,811	59,225	57,140
1926-1930.....	78,790	69,295	368,232	44,503	86,044	151,219	132,794	108,243	89,058	67,997
1931-1935.....	18,731	17,114	115,054	10,540	59,544	95,523	50,990	29,662	43,837	28,659
1936-1940.....	61,291	26,005	108,723	19,328	77,994	123,911	47,654	47,608	85,363	35,520
1941-1945.....	247,905	22,563	12,598	50,280	84,136	144,645	93,981	164,807	77,610	31,687
1946-1950.....	291,210	69,105	32,040	142,082	217,455	396,004	379,027	186,459	149,165	54,489
1947.....	208,942	39,508	15,709	101,587	256,439	363,169	250,400	175,829	85,932	43,449
1948.....	307,673	79,087	15,406	152,078	272,409	437,779	415,669	203,042	176,153	56,180
1949.....	222,223	71,964	7,272	113,176	182,432	452,638	477,788	224,232	212,304	62,685
1950.....	427,802	113,853	20,565	265,195	240,211	472,774	591,905	242,810	202,255	74,803
1951.....	713,533	151,540	19,485	229,200	352,411	544,176	601,260	279,507	158,885	102,100
1952.....	382,211	164,654	33,625	221,573	271,787	600,326	691,862	411,188	298,254	114,561
1953.....	295,749	140,319	26,084	236,048	263,117	632,367	761,652	433,016	270,525	137,668
1954.....	222,479	128,451	30,675	252,146	251,536	636,676	828,361	360,794	184,426	122,052

<sup>1</sup> Includes fur hats beginning 1921; formerly classified as miscellaneous textile products.

<sup>2</sup> Includes sirups and maple sugar prior to Oct. 4, 1913. <sup>3</sup> Includes semimanufactures.

<sup>4</sup> Average for period July 1, 1915, to Dec. 31, 1920.

<sup>5</sup> Includes salt-peter.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

## No. 1121.—VALUE OF EXPORTS AND IMPORTS OF

[In millions of dollars. Data refer to exports]

	COMMODITY	1952					
		Total	Canada	American Republics	Western Europe	Far East <sup>1</sup>	Other areas
	<b>EXPORTS</b>						
1	<b>Total <sup>2</sup></b>	12,587.9	2,795.9	3,340.9	3,341.2	2,047.9	1,062.0
2	Agricultural commodities:						
3	Grains and preparations	1,483.0	26.4	296.9	593.3	452.8	113.6
4	Foodstuffs other than grains, fats, and oils <sup>3</sup>	478.5	134.6	167.0	89.3	56.7	30.9
5	Fats, oils, and oil seeds <sup>4</sup>	316.0	35.9	66.9	144.4	53.4	15.4
6	Cotton, unmanufactured	873.5	53.3	18.8	487.2	307.3	6.9
	Tobacco and manufactures <sup>5</sup>	305.3	2.9	19.6	174.3	79.5	29.0
	Nonagricultural commodities: <sup>2</sup>						
7	Machinery, total <sup>6</sup>	2,713.7	746.8	851.0	544.0	302.8	269.1
8	Electrical apparatus	608.4	164.8	229.8	91.7	72.7	49.4
9	Industrial machinery	1,557.6	378.4	470.8	371.7	174.2	162.5
10	Agricultural implements	140.8	75.5	35.9	9.7	7.4	12.3
11	Tractors, parts, and accessories	289.4	105.6	77.3	33.6	34.3	38.6
12	Automobiles, parts, and accessories	986.7	245.4	429.5	100.3	90.0	121.5
13	Chemicals and related products	801.3	164.7	308.4	151.0	117.0	60.2
14	Textile manufactures <sup>7</sup>	662.6	124.5	217.1	77.7	159.0	84.3
15	Iron and steel-mill products	621.4	184.8	172.3	165.1	49.6	49.6
16	Petroleum products	572.2	162.5	101.9	119.4	101.3	87.1
17	Coal and related products	509.9	245.8	25.3	203.2	29.5	6.1
18	Copper and copper base alloys	145.9	12.9	10.6	112.8	6.9	2.7
19	Other agricultural and nonagricultural including reexports	2,117.9	655.4	655.6	379.2	242.1	185.6
	<b>IMPORTS</b>						
20	<b>General imports, total</b>	10,718.0	2,387.0	3,411.0	1,984.0	1,902.0	1,034.0
21	Warehouse entries, excess of <sup>8</sup>	-29.0	18.0	-46.0	-8.0	-30.0	37.0
22	<b>Imports for consumption, total</b>	10,747.0	2,369.0	3,457.0	1,992.0	1,932.0	997.0
	Agricultural commodities:						
23	Coffee	1,375.9	( <sup>9</sup> )	1,297.2		1.2	77.5
24	Cocoa	178.3		68.2	.2	.8	109.1
25	Cane sugar	416.4	.3	324.9	.1	91.1	
26	Other foodstuffs <sup>3 10</sup>	997.1	301.6	265.0	236.2	160.4	33.9
27	Crude rubber	618.5	( <sup>9</sup> )	1.0	.1	578.5	38.9
28	Wool, unmanufactured	382.2	1.8	99.7	16.9	212.4	51.4
	Nonagricultural commodities:						
29	Nonferrous metals and ferroalloys	1,562.5	340.0	552.8	268.0	264.6	137.1
30	Paper and paper materials	926.2	844.8	.2	78.1	2.9	.2
31	Petroleum and products	691.9	8.2	394.9	( <sup>9</sup> )	9.3	279.5
32	Textile manufactures	512.8	14.6	52.9	254.4	177.2	13.7
33	Machinery and vehicles	353.8	159.4	.7	182.5	10.8	.4
34	Sawmill products	221.6	194.1	17.8	.1	8.0	1.6
35	Chemicals and related products	243.9	77.3	36.8	115.1	5.5	9.2
36	Iron and steel-mill products <sup>12</sup>	213.3	28.1	2.1	151.1	31.6	.4
37	Other agricultural and nonagricultural imports	2,052.6	398.8	342.8	689.2	377.7	244.1

<sup>1</sup> Comprises Southern, Southeastern, and Eastern Asia, and Australia and other Oceania.<sup>2</sup> Excludes "Special Category" items. These are commodities to which restrictions apply regarding publication of detailed statistics.<sup>3</sup> Includes relatively small amounts of confectionery and distilled spirits, not classed as agricultural.<sup>4</sup> Includes animal and vegetable oils; also a relatively small amount of fish oils, not classed as agricultural.<sup>5</sup> Includes cigarettes, etc., not classed as agricultural.<sup>6</sup> Includes printing and bookbinding machinery and office appliances not shown separately.<sup>7</sup> Includes a small amount of unmanufactured wool and hair.



## LEADING COMMODITIES, BY AREAS: 1952 TO 1954

of U. S. merchandise and imports for consumption]

1953						1954						
Total	Canada	American Republics	Western Europe	Far East <sup>1</sup>	Other areas	Total	Canada	American Republics	Western Europe	Far East <sup>1</sup>	Other areas	
11,648.4	2,996.0	2,921.6	2,868.5	1,908.0	954.3	12,195.0	2,765.9	3,188.1	3,347.8	1,883.7	1,009.5	1
1,059.0	21.7	187.0	420.7	345.0	84.6	749.4	29.8	140.6	352.0	181.2	45.8	2
509.3	140.6	150.0	115.4	72.5	30.8	560.7	161.4	146.4	148.4	63.7	40.8	3
318.1	33.3	58.5	125.8	87.5	13.0	504.5	46.0	81.6	266.0	88.7	22.2	4
521.2	40.9	6.2	307.6	160.3	6.2	787.7	50.9	13.4	445.0	269.1	9.3	5
405.0	4.1	21.1	269.4	78.7	31.7	366.3	3.6	23.9	234.3	73.6	30.9	6
2,748.9	843.0	767.2	536.0	332.6	270.1	2,581.6	729.4	821.1	458.1	345.4	227.6	7
648.3	219.3	216.6	92.2	67.4	52.8	594.1	196.9	204.3	78.8	70.6	43.5	8
1,544.7	407.4	421.8	361.5	199.1	154.9	1,456.0	373.9	446.1	296.9	212.7	126.4	9
138.4	77.9	29.3	8.9	8.1	14.2	125.7	54.5	40.5	8.2	7.4	15.1	10
300.2	110.0	70.0	34.7	43.8	41.7	278.2	70.9	99.7	32.0	39.0	36.6	11
963.1	305.9	341.4	97.7	91.7	126.4	1,035.2	247.9	409.6	130.1	98.2	149.4	12
800.2	187.5	283.2	150.1	124.8	54.6	1,003.8	185.1	350.6	238.2	140.0	89.9	13
645.9	133.3	183.6	76.4	174.8	77.8	628.6	119.3	194.6	78.3	135.7	100.7	14
494.9	167.9	155.8	91.7	46.0	33.5	510.4	137.3	144.1	132.6	61.9	34.5	15
497.9	159.5	100.7	101.3	79.3	57.1	430.7	118.8	119.1	86.2	68.6	38.0	16
346.1	216.6	19.8	73.8	34.6	1.3	312.1	178.4	15.3	90.6	26.7	1.1	17
116.5	7.5	14.1	71.9	20.9	2.1	220.3	4.2	25.1	151.8	38.5	.7	18
2,222.3	734.2	633.0	430.7	259.3	165.1	2,503.7	753.8	702.7	536.2	292.4	218.6	19
10,873.3	2,461.6	3,442.0	2,295.6	1,623.1	1,051.0	10,206.7	2,375.2	3,289.4	2,037.3	1,427.3	1,077.5	20
94.4	5.6	25.1	25.5	20.1	18.1	-24.4	-9.5	.1	-1.1	.8	-14.7	21
10,778.9	2,456.0	3,416.9	2,270.1	1,603.0	1,032.9	10,231.1	2,384.7	3,289.3	2,038.4	1,426.5	1,092.2	22
1,468.4	( <sup>9</sup> )	1,371.4	-----	1.9	95.1	1,485.7	( <sup>9</sup> )	1,359.3	-----	3.2	123.2	23
167.3	-----	75.6	-----	.8	90.9	252.0	-----	132.4	.3	.5	118.8	24
425.4	.1	319.6	.3	105.0	.4	409.1	.1	298.4	.2	110.4	-----	25
1,036.3	332.0	238.1	269.6	161.1	35.5	1195.6	244.0	204.9	306.4	143.6	49.2	26
331.3	.3	.1	( <sup>9</sup> )	304.5	26.4	261.9	-----	.3	( <sup>9</sup> )	239.6	22.0	27
295.8	1.1	124.7	12.4	115.4	42.2	222.5	.6	65.7	9.5	102.9	43.8	28
1,661.3	360.2	465.0	352.6	282.2	201.3	11 1,389.5	365.1	368.5	224.2	218.9	209.9	29
933.5	835.4	( <sup>9</sup> )	94.3	3.5	.3	11 925.5	840.4	.1	78.6	3.3	.1	30
761.7	8.1	426.4	1.3	25.8	300.1	828.4	8.2	484.8	.2	26.9	308.3	31
464.2	13.2	30.2	265.9	144.7	10.2	11 440.0	8.6	24.6	231.0	155.4	8.4	32
353.0	136.2	.9	204.4	11.1	.4	11 358.5	114.1	.4	227.4	10.9	.5	33
236.0	208.7	16.5	( <sup>9</sup> )	8.2	2.6	11 252.1	223.6	14.8	.1	10.7	2.2	34
292.9	103.3	33.8	137.6	9.8	8.4	11 249.3	89.4	32.5	111.8	4.9	9.4	35
255.4	40.9	.2	183.4	30.5	.4	11 121.3	19.7	.1	95.3	4.8	.6	36
2,096.4	416.5	314.4	748.3	398.5	218.7	11 2,076.7	441.7	293.9	708.9	380.9	194.4	37

<sup>8</sup> Minus sign (-) denotes excess of withdrawals for consumption over entries into warehouse.<sup>9</sup> Less than \$50,000.<sup>10</sup> Distilled spirits, imported largely from United Kingdom and Canada, were valued at \$104 million in 1952, \$124 million in 1953, and \$125 million in 1954.<sup>11</sup> Includes estimate for small-value entries not distributed by area.<sup>12</sup> Includes scraps.Source: Department of Commerce, Bureau of Foreign Commerce; *Foreign Commerce Weekly*, May 9, 1955.

## No. 1122.—EXPORTS AND IMPORTS OF MERCHANDISE, PER CAPITA: 1791 TO 1954

[Export figures for 1791 to 1820 are based on total exports including reexports (the latter were then relatively large) and for 1821 to date, on exports of United States merchandise only. Import figures for 1791 to 1820 are based on general imports; for 1821 to 1870, total imports less reexports; and for 1871 to date, imports for consumption. Beginning 1940, based on estimated population including Armed Forces overseas. (See tables 1108 and 1128.)]

YEARLY AVERAGE	Ex- ports	Im- ports	YEARLY AVERAGE OR YEAR	Ex- ports	Im- ports	YEAR	Ex- ports	Im- ports	YEAR	Ex- ports	Im- ports
	Dollars	Dollars		Dollars	Dollars		Dollars	Dollars		Dollars	Dollars
1791-1800	10.08	12.75	1791-1800	15.55	13.33	1791-1800	39.81	37.24	1791-1800	58.17	20.21
1801-1810	11.82	14.71	1801-1810	23.95	18.45	1801-1810	39.63	34.67	1801-1810	91.95	24.27
1811-1820	6.96	9.53	1811-1820	71.12	24.91	1811-1820	41.31	33.49	1811-1820	100.08	27.47
1821-1830	4.71	5.02	1821-1830	78.12	44.06	1821-1830	41.77	35.14	1821-1830	67.03	28.66
1831-1840	5.85	6.91	1831-1840			1831-1840	30.24	24.90	1831-1840	65.89	33.47
1841-1850	5.67	5.60	1841-1850	27.13	16.46	1841-1850	18.86	16.57	1841-1850	97.01	38.57
1851-1860	8.48	9.78	1851-1860	53.01	23.06	1851-1860	12.42	10.44	1851-1860	83.85	47.45
1861-1870	6.73	8.94	1861-1870	59.48	28.14	1861-1870	12.90	11.22	1861-1870	78.51	43.36
1871-1880	12.86	11.87	1871-1880	57.51	28.06	1871-1880	16.34	12.73	1871-1880	65.64	56.58
1881-1890	13.31	12.12	1881-1890	72.69	35.90	1881-1890	17.33	15.75	1881-1890	94.61	68.78
1891-1900	14.41	10.81	1891-1900	74.70	47.16	1891-1900	18.57	18.61	1891-1900	94.07	67.18
1901-1910	18.54	13.29	1901-1910	39.86	23.27	1901-1910	25.16	22.96	1901-1910	96.27	66.30
1911-1915	23.98	17.46	1911-1915	33.75	27.55	1911-1915	23.14	14.75	1911-1915	90.39	61.87
1915-1920	61.20	31.37	1915-1920	36.11	32.95	1915-1920	23.44	17.08			
1921-1925	38.05	30.22	1921-1925	39.12	31.10	1921-1925	29.25	18.89			
1926-1930	38.50	33.02	1926-1930	41.30	35.80	1926-1930	36.94	23.71			

<sup>1</sup> Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

## No. 1123.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS—PERCENT DISTRIBUTION, BY CONTINENTS: 1821 TO 1954

[Percentages based on figures shown in table 1124, except that calculations were made from unrounded figures. See headnote to that table]

YEARLY AVERAGE OR YEAR	PERCENT OF TOTAL EXPORTS							PERCENT OF TOTAL IMPORTS						
	North America		South Amer- ica	Euro- pe	Asia	Aus- tralia and Oce- ania	Afr- ica	North America		South Amer- ica	Euro- pe	Asia	Aus- tralia and Oce- ania	Afr- ica
	North- ern	South- ern						North- ern	South- ern					
1821-----	4.4	22.0	4.1	65.3	3.6	0.1	0.6	0.7	21.7	2.9	64.2	9.8	0.1	0.7
1830-----	3.9	20.5	6.4	66.1	2.7	(1)	0.3	0.6	17.2	7.8	64.0	10.0	(1)	0.4
1840-----	4.9	13.9	4.6	74.4	1.3	0.3	0.6	1.2	15.7	8.8	62.8	10.9	0.2	0.5
1850-----	6.6	9.9	5.4	75.2	2.1	0.1	0.7	3.0	9.3	9.2	71.0	7.2	(1)	0.4
1860-----	6.9	8.8	4.7	74.8	2.4	1.5	1.0	6.7	12.5	9.9	61.3	8.3	0.3	1.0
1870-----	5.5	7.9	3.9	79.8	1.5	1.0	0.5	8.3	17.1	9.9	55.1	8.7	0.4	0.6
1871-1880---	5.6	6.2	3.6	81.8	1.4	1.0	0.5	5.7	17.1	12.3	53.1	10.4	0.8	0.6
1881-1890---	5.3	5.7	3.9	80.2	2.5	1.8	0.5	5.9	14.1	11.4	55.6	10.4	2.0	0.5
1891-1900---	6.3	6.2	3.4	77.9	3.2	2.0	1.1	4.8	13.4	14.1	51.6	12.7	2.6	1.0
1901-1910---	9.4	7.8	4.0	70.0	5.4	1.9	1.4	5.7	13.4	12.0	51.3	15.3	1.1	1.2
1911-1915---	14.2	7.7	5.2	64.0	5.6	2.2	1.1	7.7	14.5	12.8	46.6	15.8	1.1	1.4
1915-1920 <sup>2</sup>	12.0	7.7	5.5	63.2	8.6	1.7	1.3	12.7	17.5	17.6	20.3	27.1	2.1	2.7
1921-1925---	14.3	10.1	6.8	52.7	11.3	3.2	1.6	11.5	14.9	12.2	30.4	27.3	1.6	2.1
1926-1930---	17.4	8.4	9.4	46.8	12.0	3.7	2.3	11.9	11.4	13.5	29.9	29.7	1.3	2.3
1931-1935---	14.8	8.0	7.0	47.4	17.3	2.4	3.1	13.8	10.3	14.3	30.1	28.7	0.9	1.9
1936-1940---	16.2	9.0	9.9	41.4	16.6	2.7	4.2	14.8	9.9	13.6	25.3	31.6	1.5	3.3
1941-1945---	12.9	5.7	5.0	56.4	8.0	3.6	8.4	27.1	16.8	22.8	8.2	13.6	5.3	6.2
1946-1950 <sup>3</sup>	16.0	11.8	14.1	34.8	15.4	1.6	5.2	21.5	14.3	22.2	15.2	18.7	2.5	5.6
1947-----	14.7	11.9	16.3	35.9	13.3	2.2	5.7	19.6	17.6	21.8	14.2	18.3	2.7	5.7
1948-----	15.4	11.5	15.1	33.8	16.8	1.2	6.2	22.4	13.3	21.9	15.7	18.9	2.3	5.5
1949-----	16.3	11.1	13.0	34.2	18.7	1.6	5.2	23.4	14.2	22.7	14.0	18.7	1.9	5.1
1950 <sup>3</sup> -----	19.4	13.8	13.1	28.2	14.6	1.3	3.4	22.2	12.9	22.2	15.7	19.2	2.4	5.6
1951 <sup>3</sup> -----	17.2	11.3	13.8	26.9	14.9	1.6	3.9	20.8	11.1	21.2	18.6	18.8	4.1	5.4
1952 <sup>3</sup> -----	18.4	11.2	12.1	22.0	13.9	1.5	3.7	22.3	12.6	21.3	18.9	16.9	2.3	5.7
1953 <sup>3</sup> -----	19.0	10.0	9.7	18.2	12.7	1.1	3.2	22.7	11.7	21.9	21.5	15.0	1.9	5.5
1954 <sup>3</sup> -----	18.4	10.6	11.7	22.3	12.7	1.6	3.8	23.3	12.3	22.1	20.4	14.4	1.6	5.9

<sup>1</sup> Less than  $\frac{1}{10}$  of 1 percent.

<sup>2</sup> Period July 1, 1915, to Dec. 31, 1920.

<sup>3</sup> Percentages for individual continents are understated since basic continent data exclude, for security reasons, exports of Special Category commodities representing 6.2 percent of total exports in 1950, 10.4 percent in 1951, 17.2 percent in 1952, 26.2 percent in 1953, and 19.0 percent in 1954.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.



## No. 1124.—EXPORTS (INCLUDING REEXPORTS) AND GENERAL IMPORTS OF MERCHANDISE, BY CONTINENTS: 1821 TO 1954

[In thousands of dollars. For basis of dollar values, see text, p. 885. For years ending Sept. 30 through 1840, June 30 through 1915; calendar years thereafter, except as noted. Philippine Islands included with Asia for all years; Turkey in Europe is with Asia from 1926 through 1951 and with Europe thereafter; U. S. S. R. in Asia is with Europe beginning 1924; and Hawaiian Islands with Oceania prior to 1901. See also *Historical Statistics*, series M 87-102]

YEARLY AVERAGE OR YEAR	Total	NORTH AMERICA		South America	Europe	Asia	Australia and Oceania	Africa
		Northern	Southern					
EXPORTS								
1821	54,496	2,392	11,965	2,203	35,575	1,977	71	309
1830	71,671	2,802	14,723	4,586	47,393	1,906	27	234
1840	123,669	6,090	17,241	5,714	92,039	1,560	330	696
1850	144,376	9,519	14,284	7,730	108,638	3,028	190	987
1860	333,576	22,833	29,273	15,706	249,425	8,100	4,962	3,227
1870	392,772	21,703	31,100	15,188	313,315	5,773	3,873	1,820
1871-1880	589,301	32,874	36,246	21,161	482,235	8,133	5,703	2,950
1881-1890	765,136	40,697	43,945	30,129	613,753	18,958	13,928	3,728
1891-1900	1,024,870	64,636	63,050	34,473	798,320	32,968	20,152	11,272
1901-1910	1,616,250	152,698	126,238	64,194	1,131,759	87,091	31,048	23,222
1911-1915	2,370,539	337,091	182,315	122,243	1,517,404	133,348	51,506	26,632
1915-1920 <sup>1</sup>	6,521,190	780,221	503,439	360,744	4,123,523	562,476	109,121	81,668
1921-1925	4,397,027	627,382	444,577	297,115	2,318,244	498,553	141,426	69,729
1926-1930	4,777,314	829,858	403,175	447,860	2,236,501	573,085	177,239	109,596
1931-1935	2,025,195	300,372	162,435	141,074	960,158	349,911	48,868	62,377
1936-1940	3,219,581	521,793	291,178	317,400	1,332,708	535,233	89,150	132,068
1941-1945	10,051,075	1,297,384	574,985	500,039	5,673,543	799,063	363,562	842,499
1946-1950 <sup>2</sup>	11,829,455	1,895,408	1,399,158	1,664,671	4,120,070	1,826,927	183,572	613,214
1946	9,738,321	1,462,917	1,072,097	1,148,590	4,122,358	1,326,879	116,671	488,819
1947	14,429,747	2,114,505	1,714,979	2,353,642	5,187,322	1,917,504	320,324	821,471
1948	12,653,058	1,944,706	1,450,572	1,911,582	4,279,188	2,129,566	152,772	784,672
1949	12,051,108	1,959,180	1,339,502	1,561,882	4,118,159	2,255,766	194,864	621,755
1950 <sup>2</sup>	10,275,043	1,995,732	1,418,642	1,347,660	2,893,324	1,504,931	133,229	349,354
1951 <sup>2</sup>	15,032,379	2,588,417	1,703,877	2,070,809	4,044,487	2,243,589	244,142	580,867
1952 <sup>2</sup>	15,200,679	2,796,357	1,699,544	1,834,806	3,348,824	2,112,741	226,533	569,073
1953 <sup>2</sup>	15,773,688	2,996,098	1,577,480	1,521,387	2,873,030	2,003,206	173,618	503,552
1954 <sup>2</sup>	15,076,787	2,766,525	1,590,357	1,763,943	3,364,291	1,920,987	238,610	568,364
IMPORTS								
1821	54,521	402	11,816	1,570	35,000	5,324	34	375
1830	62,721	398	10,793	4,919	40,117	6,241	18	234
1840	98,259	1,228	15,421	8,606	61,721	10,686	152	445
1850	173,509	5,180	16,116	16,038	123,115	12,434	9	618
1860	353,616	23,730	44,180	34,929	216,661	29,239	1,170	3,706
1870	435,958	36,265	74,435	42,964	240,187	37,773	1,612	2,722
1871-1880	535,222	30,726	91,385	65,771	284,294	55,715	4,287	3,051
1881-1890	692,187	41,113	97,564	79,184	384,644	72,173	13,764	3,746
1891-1900	763,328	36,801	102,025	107,255	393,733	96,584	19,519	7,412
1901-1910	1,158,500	66,137	154,913	139,437	594,067	177,289	12,818	13,840
1911-1915	1,712,319	131,455	248,943	219,923	798,115	270,797	19,020	24,065
1915-1920 <sup>1</sup>	3,358,354	425,337	588,103	591,295	682,298	910,340	70,134	90,848
1921-1925	3,450,103	396,668	514,233	421,336	1,049,565	942,808	53,994	71,499
1926-1930	4,033,469	479,737	460,457	545,788	1,207,213	1,195,930	53,137	91,207
1931-1935	1,713,102	236,164	177,257	244,160	516,313	490,909	16,209	32,088
1936-1940	2,482,030	368,521	246,139	337,703	627,085	784,989	36,372	81,220
1941-1945	3,514,080	953,196	588,916	801,021	287,826	478,314	187,281	217,524
1946-1950	6,659,363	1,429,229	955,066	1,479,231	1,011,596	1,245,432	167,102	371,706
1946	4,942,054	910,529	733,222	1,118,138	804,326	886,946	182,574	306,317
1947	5,756,333	1,128,124	1,015,661	1,254,222	820,036	1,055,195	155,761	327,335
1948	7,123,877	1,593,546	946,114	1,559,644	1,121,123	1,346,073	163,673	393,703
1949	6,622,390	1,552,351	941,348	1,501,273	925,052	1,239,488	125,364	337,516
1950	8,852,161	1,961,593	1,138,987	1,962,879	1,387,445	1,699,457	208,140	493,661
1951	10,967,301	2,277,692	1,220,873	2,327,098	2,042,944	2,059,072	450,546	589,076
1952	10,717,485	2,389,614	1,351,668	2,283,968	2,029,192	1,813,292	242,980	606,770
1953	10,873,269	2,463,195	1,277,283	2,376,839	2,335,229	1,626,211	201,258	593,254
1954	10,207,729	2,376,33	1,258,886	2,257,960	2,082,291	1,465,242	162,557	604,455

<sup>1</sup> Period July 1, 1915, to Dec. 31, 1920.

<sup>2</sup> Total includes \$632,171,000 for 1950, \$1,556,192,000 for 1951, \$2,612,802,000 for 1952, \$4,125,316,000 for 1953, and \$2,863,709,000 for 1954 not shown by continents for security reasons.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

No. 1125.—EXPORTS AND GENERAL IMPORTS OF MERCHANDISE, BY COUNTRY OF DESTINATION AND ORIGIN: 1947 TO 1954  
 [In thousands of dollars. "N. e." means not elsewhere classified. See also *Historical Statistics*, series M 87-102, for group totals]

AREA AND COUNTRY	EXPORTS, INCLUDING REEXPORTS										IMPORTS					
	1947	1948	1949	1950	1951	1952	1953	1954	1947	1948	1949	1950	1951	1952	1953	1954
Grand total	14,429,747	12,653,058	12,051,108	10,275,043	15,032,379	15,200,679	15,773,688	15,076,787	5,756,333	7,123,877	6,622,390	8,852,161	10,967,300	10,717,485	10,873,269	10,207,729
Special Category																
Type 1				471,280	1,285,261	2,337,121	1,720,806	1,112,536								
Special Category				160,891	270,931	275,681	2,404,510	1,751,173								
Type 2																
Total, excl. Special Category	14,429,747	12,653,058	12,051,108	9,642,872	13,476,187	12,587,877	11,648,373	12,213,077								
North America	3,829,484	3,395,277	3,298,682	3,414,374	4,292,294	4,495,901	4,573,578	4,356,883	2,143,784	2,539,661	2,493,698	3,100,579	3,498,565	3,741,283	3,740,478	3,635,224
Northern Area	2,114,505	1,944,706	1,959,180	1,995,732	2,588,417	2,796,357	2,996,098	2,766,525	1,128,124	1,593,546	1,552,351	1,961,593	2,277,692	2,389,614	2,463,195	2,376,338
Greenland	621	158	137	43	212	402	73	239	1,565	210	1,313	1,036	2,327	3,034	1,426	705
Canada (inc. Newfoundland and Labrador)																
Miquelon and St. Pierre	213	113	132	192	28	98	265	3163	1,126,528	1,593,320	1,551,037	1,960,467	2,275,312	2,386,486	2,461,567	2,375,210
Southern Area	1,714,979	1,450,572	1,339,502	1,418,642	1,703,877	1,699,544	1,577,480	1,590,357	1,015,661	946,114	941,348	1,138,987	1,220,873	1,351,668	1,277,283	1,258,886
Mexico	629,898	521,506	468,195	511,984	713,010	666,219	645,529	630,377	246,689	246,207	243,499	315,412	325,959	410,012	354,523	337,925
Central America	368,140	281,058	293,945	280,519	254,733	281,219	240,454	323,636	125,332	139,222	143,651	182,999	217,194	220,366	238,565	233,541
Guatemala	41,377	44,817	44,859	43,047	47,277	40,305	44,449	47,546	44,042	44,171	43,297	53,716	64,443	64,362	63,283	65,542
British Honduras	4,505	2,984	2,100	3,175	2,830	2,104	2,242	2,221	3,237	2,646	2,188	1,916	2,395	2,708	2,024	1,540
El Salvador	28,433	25,764	25,836	32,092	42,021	36,999	37,162	41,267	27,468	31,136	40,214	51,037	63,712	61,085	65,200	61,205
Honduras	29,901	27,269	33,590	23,436	33,868	42,289	33,685	33,368	11,577	13,196	15,217	20,182	23,608	22,471	29,670	26,841
Nicaragua	17,403	20,577	15,705	18,333	21,802	25,255	26,053	36,807	8,993	11,698	6,697	19,459	20,760	22,848	24,925	25,975
Costa Rica	35,033	28,622	26,994	26,584	31,611	34,092	37,912	40,025	20,693	22,938	22,365	24,613	27,851	30,964	34,955	33,145
Panama, Republic	172,162	91,913	115,740	110,984	46,633	75,416	83,246	99,891	6,710	8,949	11,190	9,714	12,275	14,023	17,146	18,382
Panama C. Z.	39,305	39,112	29,123	22,897	29,191	24,789	23,695	22,511	2,612	4,487	2,482	2,361	2,150	1,905	1,361	911
Bermuda and Caribbean	716,941	648,007	577,362	626,109	736,134	752,046	641,497	636,345	643,640	560,686	554,198	640,575	677,721	721,290	684,195	697,420
Bermuda	12,463	9,690	11,951	8,458	10,997	11,593	13,725	14,309	652	597	480	356	666	877	1,384	1,839
Bahamas	9,505	9,850	8,225	7,207	10,363	13,507	16,870	12,885	1,382	1,085	881	888	1,753	1,605	2,122	2,872
Cuba	491,843	440,966	380,282	456,173	539,809	515,884	426,607	428,811	509,624	374,990	387,540	406,404	417,762	439,814	431,105	401,336
Jamaica	23,901	12,948	10,354	8,282	16,006	19,774	13,491	15,304	1,439	1,833	2,054	2,307	2,877	5,014	12,389	18,892
Haiti	25,214	20,204	23,836	25,142	28,232	32,793	28,968	35,968	20,144	18,819	19,782	23,080	32,678	29,520	16,834	24,834
Dominican Republic	49,324	46,986	38,311	41,151	48,506	54,098	47,498	52,006	30,228	35,212	24,379	37,852	49,061	55,767	52,336	72,011
Leeward Isls. and Windward Isls.	4,549	3,261	3,042	1,166	1,924	1,961	1,766	2,036	3,529	2,480	1,876	2,262	1,785	2,018	1,616	1,995
Barbados	4,429	2,506	2,628	1,057	1,600	2,049	1,203	1,278	431	141	194	403	396	288	571	412
Trinidad and Tobago	19,373	14,275	15,432	5,862	8,920	10,674	8,421	9,642	3,079	5,398	5,405	9,004	10,317	7,753	8,467	8,580
Netherlands Antilles	66,925	81,512	75,939	69,083	63,053	87,603	81,641	63,077	72,955	120,048	111,407	157,827	159,851	178,208	167,145	164,498
French West Indies	9,415	5,809	7,361	2,527	1,124	2,110	1,356	1,029	126	51	200	193	575	427	225	152



South America	662,053	728,480	708,453	631,214	694,764	2,070,809	1,347,660	2,070,809	1,834,806	1,521,387	1,763,943	1,254,222	1,559,644	1,501,273	1,962,879	2,327,098	2,283,968	2,376,839	2,257,960
	218,931	197,295	175,904	229,143	226,172	296,172	229,143	296,172	229,143	226,172	229,143	226,172	229,143	226,172	229,143	226,172	229,143	226,172	229,143
Northern Area	426,783	516,623	518,445	392,258	455,685	455,685	500,830	513,172	531,068	173,490	270,761	278,062	323,565	323,615	384,096	440,528	503,661	503,661	503,661
	7,826	6,352	4,424	2,755	4,576	4,576	5,494	3,421	5,048	1,338	1,291	1,155	1,435	1,909	3,169	4,054	4,342	4,342	4,342
British Guiana	7,540	7,174	8,488	6,837	8,161	8,161	11,356	9,093	7,923	11,458	13,884	13,054	15,464	20,797	20,797	21,324	21,324	21,324	21,324
	973	1,037	697	221	169	169	398	261	502	11	41	8	12	15	104	65	72	72	72
French Guiana	285,186	238,451	297,266	188,864	355,296	355,296	323,339	277,138	249,601	221,969	281,705	258,204	277,888	351,308	446,125	436,238	401,570	401,570	401,570
	39,996	30,748	32,375	27,896	34,812	34,812	36,739	41,459	47,695	18,463	18,885	17,087	34,372	35,737	42,519	44,907	60,946	60,946	60,946
Ecuador	91,561	66,524	86,125	70,950	114,685	114,685	127,015	119,063	96,689	41,701	34,918	40,177	48,754	60,760	61,774	86,929	96,172	96,172	96,172
	28,290	35,711	36,204	19,778	39,873	39,873	29,717	18,833	30,689	39,505	48,468	48,468	35,261	51,320	55,760	62,008	47,004	47,004	47,004
Bolivia	125,340	105,468	142,562	70,240	165,927	165,927	129,869	97,784	74,527	122,300	170,056	152,472	159,500	203,490	286,072	242,395	197,448	197,448	197,448
	944,651	556,158	527,583	1,020,749	762,432	762,432	627,374	640,327	755,459	709,079	1,033,752	1,272,639	1,033,541	1,009,032	820,518	768,465	681,660	681,660	681,660
Brazil	643,225	497,307	382,899	343,142	699,802	699,802	564,619	296,882	455,100	445,669	513,907	715,260	715,260	910,628	808,406	768,465	681,660	681,660	681,660
	7,740	6,233	7,710	4,322	7,710	7,710	7,056	7,110	6,576	2,668	4,091	5,637	6,246	7,008	7,710	6,119	4,964	4,964	4,964
Paraguay	75,491	60,226	34,682	39,399	83,531	83,531	42,700	24,661	43,333	37,753	57,725	54,036	106,117	135,228	58,741	52,551	31,070	31,070	31,070
	679,851	380,866	130,843	141,996	233,083	233,083	148,028	104,265	122,360	144,637	179,765	97,523	206,060	219,754	158,669	181,896	102,822	102,822	102,822
Argentina	95	20	23	27	12	12	20	15	5	(4)	(4)	69	21	16	(4)	(4)	(4)	(4)	(4)
	980,722	1,448,930	2,119,382	2,029,192	2,335,229	2,335,229	2,029,192	2,335,229	2,029,192	2,335,229	2,029,192	2,335,229	2,029,192	2,335,229	2,029,192	2,335,229	2,029,192	2,335,229	2,029,192
Falkland Islands	5,269,475	4,380,074	4,238,778	2,952,434	4,105,325	4,105,325	3,348,824	2,873,030	3,364,291	877,261	1,171,100	980,722	1,448,930	2,119,382	2,029,192	2,335,229	2,029,192	2,335,229	2,029,192
	980,722	1,448,930	2,119,382	2,029,192	2,335,229	2,335,229	2,029,192	2,335,229	2,029,192	2,335,229	2,029,192	2,335,229	2,029,192	2,335,229	2,029,192	2,335,229	2,029,192	2,335,229	2,029,192
Europe	4,025,099	3,366,918	3,273,046	2,296,191	3,162,738	3,162,738	2,539,059	2,229,400	2,672,142	531,481	817,338	708,971	1,080,840	1,672,358	1,532,916	1,872,003	1,667,748	1,667,748	1,667,748
	15,749	10,238	8,389	5,780	6,907	6,907	12,330	13,396	12,410	3,094	3,982	2,217	4,397	8,464	12,279	7,362	9,648	9,648	9,648
Iceland	397,612	118,027	96,973	134,251	123,801	123,801	78,303	64,689	118,814	92,622	91,300	54,369	71,270	104,571	90,368	107,858	75,633	75,633	75,633
	146,958	84,617	90,540	70,930	88,755	88,755	50,490	38,672	46,888	5,133	5,951	6,584	12,159	20,393	25,398	39,904	50,718	50,718	50,718
Denmark	77,932	53,800	92,908	54,665	65,861	65,861	50,490	38,672	46,888	5,133	5,951	6,584	12,159	20,393	25,398	39,904	50,718	50,718	50,718
	1,103,243	644,104	700,223	511,212	901,023	901,023	676,630	591,117	691,624	204,903	289,520	227,613	334,793	465,886	485,253	545,964	500,910	500,910	500,910
United Kingdom	88,819	36,983	62,600	44,530	52,864	52,864	38,484	36,145	26,881	2,785	2,664	1,682	2,488	9,961	5,854	4,222	4,222	4,222	4,222
	383,733	309,166	283,364	224,598	287,441	287,441	276,473	258,357	260,283	26,477	43,571	59,281	84,576	117,622	158,025	191,755	159,091	159,091	159,091
Netherlands	534,607	308,588	307,747	265,860	376,685	376,685	291,734	235,512	269,025	58,619	103,555	94,186	139,773	216,023	189,204	236,031	191,591	191,591	191,591
	817,154	591,198	497,087	334,432	427,327	427,327	365,351	338,045	332,156	47,013	73,093	61,484	131,678	263,413	167,030	186,412	157,292	157,292	157,292
Belgium and Luxem- bourg	128,328	862,722	822,112	439,427	519,313	519,313	446,203	355,326	490,581	6,254	31,725	45,464	104,179	233,072	212,322	276,645	278,171	278,171	278,171
	74,640	146,373	150,962	105,790	106,723	106,723	78,354	60,250	37,303	4,380	8,970	9,636	16,386	26,325	27,403	35,238	29,848	29,848	29,848
France	49,094	21,563	21,792	10,516	1,049	1,049	75	60	1,005	23,210	22,125	20,876	22,403	1,477	2,262	3,064	3,064	3,064	3,064
	12,859	8,029	5,348	3,477	605	605	69	2	2,476	1,501	1,613	1,756	1,865	2,791	2,913	1,717	1,389	1,389	1,389
West Germany	194,371	171,511	142,566	128,000	193,933	193,933	151,138	134,391	154,463	83,380	105,781	93,092	109,743	133,891	142,161	161,369	143,213	143,213	143,213
	74,640	146,373	150,962	105,790	106,723	106,723	78,354	60,250	37,303	4,380	8,970	9,636	16,386	26,325	27,403	35,238	29,848	29,848	29,848
East Germany	12,859	8,029	5,348	3,477	605	605	69	2	2,476	1,501	1,613	1,756	1,865	2,791	2,913	1,717	1,389	1,389	1,389
	194,371	171,511	142,566	128,000	193,933	193,933	151,138	134,391	154,463	83,380	105,781	93,092	109,743	133,891	142,161	161,369	143,213	143,213	143,213
Austria	74,640	146,373	150,962	105,790	106,723	106,723	78,354	60,250	37,303	4,380	8,970	9,636	16,386	26,325	27,403	35,238	29,848	29,848	29,848
	49,094	21,563	21,792	10,516	1,049	1,049	75	60	1,005	23,210	22,125	20,876	22,403	1,477	2,262	3,064	3,064	3,064	3,064
Czechoslovakia	12,859	8,029	5,348	3,477	605	605	69	2	2,476	1,501	1,613	1,756	1,865	2,791	2,913	1,717	1,389	1,389	1,389
	194,371	171,511	142,566	128,000	193,933	193,933	151,138	134,391	154,463	83,380	105,781	93,092	109,743	133,891	142,161	161,369	143,213	143,213	143,213
Hungary	74,640	146,373	150,962	105,790	106,723	106,723	78,354	60,250	37,303	4,380	8,970	9,636	16,386	26,325	27,403	35,238	29,848	29,848	29,848
	49,094	21,563	21,792	10,516	1,049	1,049	75	60	1,005	23,210	22,125	20,876	22,403	1,477	2,262	3,064	3,064	3,064	3,064
Switzerland	12,859	8,029	5,348	3,477	605	605	69	2	2,476	1,501	1,613	1,756	1,865	2,791	2,913	1,717	1,389	1,389	1,389
	194,371	171,511	142,566	128,000	193,933	193,933	151,138	134,391	154,463	83,380	105,781	93,092	109,743	133,891	142,161	161,369	143,213	143,213	143,213

<sup>1</sup> Effective January 1950, exports of Special Category commodities are not reported by country of destination, for security reasons. Therefore, totals in this table do not represent total exports to the respective countries and areas, but total exports less Special Category commodities. See August 1954 issue of *Foreign Trade Statistics Notes* for further explanation and lists of Special Category commodities.

<sup>2</sup> Sampling error (see text, p. 885) is not greater than 15 to 20 percent.

<sup>3</sup> Sampling error (see text, p. 885) is not greater than 15 to 20 percent.

<sup>4</sup> Less than \$500.

<sup>5</sup> Country designations established January 1952; data for prior years represent combined trade with East and West Germany.

No. 1125.—EXPORTS AND GENERAL IMPORTS OF MERCHANDISE, BY COUNTRY OF DESTINATION AND ORIGIN: 1947 TO 1954—Continued

[In thousands of dollars]

AREA AND COUNTRY	EXPORTS, INCLUDING REEXPORTS										IMPORTS					
	1947	1948	1949	1950	1951	1952	1953	1954	1947	1948	1949	1950	1951	1952	1953	1954
Europe—Con.																
Northeastern Area																
Finland	316,097	120,140	56,319	30,460	34,510	37,405	22,826	30,100	118,245	127,062	69,945	84,340	93,922	65,413	67,444	72,865
Estonia	59,299	36,463	26,305	20,722	33,757	37,099	22,185	28,292	39,808	38,973	27,409	34,905	56,167	38,347	42,358	39,486
Latvia	8	7	17	—	(4)	—	—	—	(4)	(4)	(4)	(4)	—	—	—	—
Lithuania	16	115	12	—	(4)	—	—	—	(4)	6	1	—	11	—	—	—
Poland and Danzig	107,705	55,675	23,367	8,986	697	286	622	1,588	1,335	1,249	3,335	11,136	10,300	10,247	14,295	21,570
Union of Soviet Socialist Republics (Russia)	149,069	27,879	6,617	752	55	20	619	3,219	77,102	86,825	39,193	38,296	27,443	16,818	10,791	11,809
Southwestern Area																
Azores	627,014	535,679	576,489	432,410	629,908	521,067	396,629	433,479	92,826	150,907	113,307	183,755	232,909	257,741	260,113	234,267
Spain	3,080	1,200	921	1,152	760	567	320	369	909	511	474	625	590	1,390	590	670
Portugal	32,651	26,471	50,407	43,562	111,042	57,422	70,238	97,618	26,857	34,833	24,316	50,256	59,958	62,630	63,313	64,802
Gibraltar	94,499	76,157	52,652	32,879	39,630	38,622	26,060	24,735	20,971	19,979	13,623	20,829	28,091	32,214	34,965	25,998
Malta, Gozo, and Cyprus	1,533	236	733	1,314	2,306	903	943	1,014	28	77	7	15	2	28	93	711
Italy	4,402	2,193	1,877	1,890	6,199	3,871	1,595	1,320	303	1,477	3,930	3,448	3,887	3,685	2,492	1,101
Free Territory of Trieste	490,759	417,905	458,002	339,985	456,369	413,610	286,396	301,904	43,758	94,024	70,940	108,514	140,187	157,671	158,553	141,541
Aegean Islands	90	11,517	11,897	11,629	13,601	6,071	11,076	6,519	—	5	17	68	196	123	107	143
Southeastern Area																
Yugoslavia	301,265	357,338	332,925	193,373	278,167	201,294	224,175	228,570	84,710	75,793	88,499	99,995	120,193	123,121	135,670	107,410
Albania	31,490	8,017	20,928	39,876	119,794	73,299	109,392	99,738	5,760	5,025	14,851	18,718	21,834	39,193	32,434	23,695
Greece	4,556	344	127	169	3	(4)	2	—	8	—	—	43	2	52	65	8
Rumania	166,517	238,462	186,653	91,353	97,115	64,618	50,282	48,365	16,631	19,480	15,729	17,113	21,076	19,642	18,435	18,380
Bulgaria	15,079	7,542	3,209	2,009	390	—	7	66	435	480	584	287	322	683	372	382
Turkey	1,471	2,086	1,389	857	30	24	5	5	4,651	831	1,664	2,348	519	275	353	311
Asia	82,153	100,886	120,619	59,110	60,838	63,352	64,487	80,397	57,225	49,977	55,670	61,485	76,438	63,275	84,012	64,633
Asia	1,835,351	2,028,680	2,135,147	1,445,821	2,182,751	2,112,741	2,003,206	1,920,987	997,970	1,296,096	1,183,818	1,637,972	1,982,633	1,813,292	1,626,211	1,465,242
Western Area																
Syria	214,938	253,357	381,805	214,336	290,850	291,394	268,826	275,440	47,134	84,643	94,732	131,128	166,700	154,452	204,322	200,422
Lebanon	43,151	6,971	4,864	10,034	21,829	12,737	15,004	21,379	7,777	4,586	3,816	11,971	23,536	7,729	8,603	7,881
Iraq	27,106	41,143	26,283	22,089	27,483	22,089	22,336	30,649	—	5,483	2,072	4,185	8,746	2,972	2,249	3,124
Iran (Persia)	14,210	11,506	13,130	9,599	28,777	22,998	18,915	27,569	5,162	10,493	5,653	12,461	19,708	10,364	16,196	16,257
Iran (Persia)	33,988	43,650	113,547	33,157	34,576	16,842	21,483	45,724	23,400	26,692	16,413	23,648	34,557	23,165	25,575	19,334



Isreal <sup>11</sup>	31, 689	29, 166	79, 152	91, 588	107, 481	89, 796	77, 585	74, 064	5, 105	5, 194	5, 986	7, 959	11, 800	11, 994	12, 238	13, 679
Palestine <sup>11</sup>		2, 640	2, 099	981	2, 897	1, 593	3, 276	3, 511					14	27	27	12 30
Jordan <sup>11, 13</sup>		33, 268	22, 576	3, 179	6, 122	12, 493	15, 803	14, 511	319	12, 599	38, 850	41, 772	34, 025	43, 946	63, 012	71, 576
Kuwait	11, 830	83, 794	84, 584	32, 131	52, 894	93, 288	76, 572	43, 286	2, 481	16, 150	19, 871	24, 365	29, 933	49, 988	66, 896	58, 957
Saudi Arabia	67, 492															
Arabia Peninsula																
States, n. e. c.	675	339	673	63	105	226	979	2, 190	2, 101	1, 659	1, 653	2, 274	2, 588	2, 510	8, 615	9, 002
Aden	2, 761	799	650	250	974	7, 283	8, 837	4, 664	33	187	61	40	98	40	95	16 43
State of Bahrain	9, 143	13, 968	19, 137	7, 071	7, 713	12, 049	8, 036	7, 876	756	1, 601	357	2, 436	1, 695	1, 716	816	510
<b>Southern and Southeastern Area</b>																
Afghanistan	1, 106, 784	1, 016, 972	976, 175	621, 741	1, 178, 939	1, 019, 095	851, 218	731, 497	793, 875	1, 020, 667	892, 634	1, 167, 226	1, 545, 578	1, 365, 291	1, 100, 890	941, 813
India <sup>16</sup>	6, 696	4, 314	2, 582	3, 789	5, 391	4, 240	3, 336	3, 474	2, 928	34, 486	19, 729	21, 081	24, 221	14, 686	15, 353	14, 236
Pakistan <sup>16</sup>	401, 068	298, 216	255, 249	212, 484	464, 570	380, 079	152, 518	161, 452	253, 763	265, 250	238, 845	259, 129	296, 579	271, 984	200, 984	200, 089
Nepal <sup>17</sup>		16, 994	45, 809	30, 339	37, 645	54, 669	98, 454	32, 947		26, 129	27, 697	31, 400	44, 190	23, 435	25, 772	23, 437
Ceylon	46, 698	19, 374	18, 671	6, 358	19, 249	25, 828	7, 229	6, 773	29, 762	52, 812	34, 837	66, 218	49, 384	40, 749	30, 942	102 120
Burma	5, 590	4, 525	1, 921	8, 897	4, 553	5, 655	6, 793	5, 357	370	1, 701	1, 213	760	1, 752	3, 112	5, 020	28, 636
Siam (Thailand)	13, 330	16, 380	31, 571	25, 020	49, 629	57, 891	56, 972	42, 642	19, 404	52, 508	48, 008	75, 192	137, 426	98, 576	70, 015	54, 286
Indochina <sup>18</sup>	23, 690	14, 305	18, 232	8, 689	26, 571	37, 711	36, 562	50, 765	4, 291	3, 344	1, 133	11, 124	14, 501	13, 818	16, 675	22, 252
British Malaya	65, 752	81, 938	67, 627	19, 740	57, 808	36, 197	30, 976	30, 748	284, 112	269, 244	196, 550	310, 015	425, 867	382, 199	211, 254	168, 473
Indonesia	103, 591	92, 273	124, 478	78, 453	162, 088	132, 416	104, 319	70, 777	37, 243	86, 557	120, 375	155, 672	266, 154	276, 309	214, 689	166, 682
Republic of Philippines	439, 519	467, 777	439, 195	234, 955	350, 478	282, 617	351, 902	324, 342	161, 725	228, 112	204, 738	235, 962	283, 679	236, 053	276, 523	260, 331
Macao <sup>19</sup>						20 288	290	374						20 23	771	748
Portuguese Asia <sup>19</sup>	827	768	866	1, 016	946	446	1, 461	979	277	524	510	632	1, 616	1, 315	3, 818	1, 166
Portuguese Asia, n. e. c. <sup>17 18</sup>						746								2, 398		
<b>Eastern Area</b>																
China (including Manchuria) <sup>22</sup>	513, 629	758, 351	777, 166	609, 745	712, 961	802, 251	883, 161	914, 050	155, 961	190, 786	196, 451	339, 618	270, 355	293, 552	320, 999	323, 007
Outer Mongolia <sup>22</sup>	353, 605	273, 400	82, 673	45, 179	( <sup>1</sup> )											
North Korea <sup>24</sup>																
Republic of Korea <sup>24</sup>	1, 235	70, 052	52, 305	22, 525	45, 437	93, 653	96, 037	86, 614	2, 167	3, 031	1, 374	2, 338	3, 729	18, 456	29, 942	19, 720
Hong Kong	89, 479	84, 198	121, 228	102, 752	28, 791	26, 518	34, 529	46, 125	2, 401	3, 555	4, 252	5, 399	9, 206	12, 333	13, 058	11, 815
Taiwan (Formosa)	9, 236	5, 962	53, 440	22, 870	41, 053	60, 366	82, 032	93, 825	285	1, 116	1, 708	3, 322	6, 026	5, 669	6, 759	5, 454
Japan <sup>25</sup>	60, 075	324, 739	467, 521	416, 418	597, 680	621, 715	670, 563	678, 140	35, 403	62, 730	81, 992	182, 062	204, 907	229, 339	261, 549	278, 913
Nansei and Nanpo Isls., n. e. c. <sup>25 26</sup>								9, 343								87

<sup>3</sup> Sampling error (see text, p. 885) is not greater than 5 to 10 percent.

<sup>6</sup> Sampling error (see text, p. 885) is not greater than \$6,000 to \$8,000.

<sup>7</sup> Sampling error (see text, p. 885) is not greater than \$15,000 to \$20,000.

<sup>8</sup> Free Territory of Trieste included with Italy prior to 1948.

<sup>9</sup> Beginning 1948, Aegean Islands included with Greece.

<sup>10</sup> Lebanon included with Syria prior to 1948.

<sup>11</sup> Israel and Palestine, (called Palestine prior to 1950) combined prior to 1954.

<sup>12</sup> Sampling error (see text, p. 885) is not greater than \$8,000 to \$11,000.

<sup>13</sup> Jordan included with Palestine prior to 1948.

<sup>14</sup> Sampling error (see text, p. 885) is not greater than \$11,000 to \$15,000.

<sup>15</sup> Sampling error (see text, p. 885) is not greater than 10 to 15 percent.

<sup>16</sup> Pakistan included with India prior to 1948.

<sup>17</sup> Nepal included with Southern and Southeastern Asia, n. e. c., prior to 1952; country designation established January 1952.

<sup>18</sup> Netherlands New Guinea included with Indonesia prior to 1954, with Southern and Southeastern Asia, n. e. c., beginning 1954.

<sup>19</sup> Macao included with Portuguese Asia prior to July 1952; country designation established July 1952.

<sup>20</sup> July-December only.

<sup>21</sup> Portuguese Asia, n. e. c., called Portuguese Asia prior to July 1952.

<sup>22</sup> Outer Mongolia included with China (including Manchuria) prior to 1953.

<sup>23</sup> Represents shipments for the use of diplomatic missions of friendly foreign countries.

<sup>24</sup> Country designation established January 1952; data for prior years represent combined trade with North Korea and Republic of Korea.

<sup>25</sup> Ryukyu (Nansei) Islands included with Japan through 1953; with Nansei and Nanpo Islands, n. e. c., beginning 1954.

<sup>26</sup> Bonin Islands and Marcus Islands included with Western Pacific Islands (Oceania) through 1953; with Nansei and Nanpo Islands, n. e. c., beginning 1954.

No. 1125.—EXPORTS AND GENERAL IMPORTS OF MERCHANDISE, BY COUNTRY OF DESTINATION AND ORIGIN: 1947 TO 1954—Continued

[In thousands of dollars]

AREA AND COUNTRY	EXPORTS, INCLUDING REEXPORTS								IMPORTS							
	1947	1948	1949	1950	1951	1952	1953	1954	1947	1948	1949	1950	1951	1952	1953	1954
<b>Australia and Oceania</b>																
Australia	320,324	152,772	194,864	133,229	244,142	226,533	173,618	238,610	155,761	163,673	125,364	208,140	450,546	242,980	201,258	162,557
New Guinea (Australian)	235,631	114,289	142,690	100,522	178,200	176,662	134,846	188,512	125,337	129,261	97,636	141,094	350,107	154,009	136,986	115,277
New Zealand	843	326	2,186	471	483	397	1,054	1,512	22	1,244	70	38	449	50	65	683
British Western Pacific Islands	76,768	34,111	42,576	26,546	58,421	42,741	31,411	42,404	27,624	30,450	24,395	64,515	97,220	84,462	59,236	44,326
French Pacific Islands	1,740	924	1,248	485	381	523	295	427	130	95	176	131	164	172	96	366
Western Pacific Islands, n. e. c. <sup>26</sup>	5,218	3,056	6,029	4,991	6,542	5,486	5,237	4,844	1,671	1,734	2,366	2,279	2,329	3,176	4,770	1,852
Trust Territory of Pacific Islands <sup>27</sup>	124	66	135	214	114	725	776	910	978	889	720	83	276	1,110	104	53
<b>Africa</b>																
821,471	784,672	621,755	349,354	580,867	569,073	503,552	568,364	327,335	393,703	337,516	493,661	589,076	606,770	593,254	604,455	
<b>Northern Area</b>																
French Morocco	172,914	120,552	133,029	86,456	154,862	155,887	128,149	111,841	37,353	44,767	23,000	69,706	68,364	94,330	46,107	46,133
Tangier	36,139	28,212	30,466	21,744	31,704	32,016	29,915	37,426	2,687	6,691	5,805	4,215	7,220	11,267	11,799	13,672
Algeria	9,673	9,943	12,265	10,734	14,094	14,316	14,071	12,559	149	3,178	204	5,117	133	145	91	91
Tunisia	47,656	37,132	26,358	14,172	22,961	22,856	13,830	13,720	1,823	3,757	4,061	3,212	6,905	3,236	3,670	5,326
Libya	15,890	7,258	9,447	6,511	5,873	7,799	7,409	5,555	272	726	1,328	3,212	1,078	1,055	1,109	2,111
Egypt	511	337	119	103	128	332	875	1,539	182	717	238	45	66	21	49	2,229
Anglo-Egyptian Sudan	60,114	36,352	52,813	32,125	78,107	76,217	60,289	39,940	28,082	30,070	9,408	54,535	46,964	75,989	26,386	20,433
2,931	1,318	1,561	1,067	1,996	1,996	2,251	1,759	1,101	4,158	2,627	1,957	2,495	5,997	2,617	3,003	4,290
<b>Western Area</b>																
149,886	117,403	167,562	115,348	139,970	154,993	125,581	185,421	146,400	173,808	142,494	194,143	286,278	294,383	301,640	335,882	
<b>Western Africa:</b>																
Canary Islands	1,950	2,112	3,804	5,831	3,648	5,573	3,678	2,435	82	132	155	125	156	161	114	109
Spanish Africa, n. e. c.	2,084	1,269	972	471	1,709	1,149	2,107	3,785	738	2,202	43	4,950	523	2,068	2,290	3,141
<b>Western Africa:</b>																
Cameroun	6,768	5,944	6,168	4,937	5,432	5,100	2,703	4,191	660	1,282	33	995	3,904	8,409	5,827	12,370
French Equatorial Africa	4,512	5,552	8,822	5,159	5,024	3,834	3,528	4,120	720	91	48	67	114	1,104	1,812	2,049
French West Africa	29,563	18,378	21,900	13,621	12,510	11,410	8,189	12,403	2,457	8,610	2,349	4,051	4,540	9,432	6,394	34,225
<b>Western Africa:</b>																
Gold Coast	10,510	6,203	6,741	5,647	7,681	10,030	7,567	4,980	52,166	74,426	50,830	61,338	88,289	67,045	75,406	61,894
Nigeria	21,787	9,542	6,903	5,766	9,088	10,372	9,773	9,910	31,386	31,073	30,472	34,838	49,052	41,578	37,141	48,189
British West Africa, n. e. c.	3,403	1,133	1,236	531	680	834	996	631	1,136	849	1,069	3,549	3,154	2,785	2,364	2,227



Western Portuguese Africa:	2,261	2,224	1,358	1,722	1,504	1,452	911	466	3,349	3,045	2,860	2,801	2,988	3,477	3,470	3,090
Madeira Islands	9,252	7,416	8,799	7,025	9,635	8,228	10,333	12,101	9,816	5,231	7,195	13,104	24,014	33,641	46,056	43,260
Angola <sup>23</sup>																
Western Portuguese Africa, n. e. <sup>23</sup>																
Liberia	1,061	934	618	482	676	651	640	643		800	358	1,361	2,658	6,985	1,625	1,789
Belgian Congo	6,689	7,583	51,852	24,373	21,806	26,101	15,795	81,407	11,350	13,054	10,782	20,974	44,378	36,296	27,721	27,293
	49,985	49,024	48,387	39,782	60,698	70,280	59,362	48,349	32,639	33,013	36,298	45,991	62,527	81,401	91,421	96,248
Eastern Area	64,508	45,822	44,902	21,302	27,695	32,484	34,119	32,171	28,661	27,705	40,313	50,051	69,611	88,161	85,647	84,634
Eastern Italian Africa <sup>29</sup> <sup>30</sup>	795	107	168	100	147	304	809		1,449	1,260	796	835	1,471	1,194	1,226	515
Somaliand <sup>30</sup>								500								
Ethiopia (Abyssinia) <sup>30</sup>	8,085	4,677	3,718	2,755	4,400	6,456	4,910	6,965	5,583	7,187	8,330	12,285	20,149	18,195	33,274	33,740
French Somaliand	727	563	509	792	1,180	1,582	1,056	1,201	9	94	68	41	73	44	63	42
British Somaliand	2	4	5	1	45	33	31	196	1,870	1,973	999	1,080	1,137	642	740	332
Seychelles and dependencies	10	13	24	13	1	6	3	31.3	140	28	138	95	19	114	79	376
Mauritius and dependencies																
British East Africa <sup>32</sup>	804	1,093	990	577	398	695	442	397	6	(4)	7	12		105	147	314
Mozambique	29,069	14,607	16,757	5,970	8,120	8,767	11,535	6,046	9,372	11,396	21,280	24,036	35,051	55,773	38,135	31,409
Madagascar	18,173	17,783	16,808	7,411	10,368	10,553	12,632	13,973	1,576	3,009	5,387	3,218	5,221	5,473	4,727	5,515
	6,844	6,975	5,923	3,682	3,036	4,089	3,301	2,892	8,655	2,758	3,307	7,849	6,488	6,620	7,257	12,692
Southern Area	434,162	500,896	276,262	126,249	253,340	225,709	215,704	238,931	114,921	147,423	131,710	179,761	164,824	129,899	159,860	137,806
Union of South Africa	413,938	492,111	266,032	119,879	247,108	214,471	207,381	228,530	111,119	135,224	116,369	141,560	137,833	105,239	91,774	90,293
Northern Rhodesia <sup>32</sup>	1,813	2,657	3,357	2,102	2,911	4,033	3,666	331,824	318	6,265	9,569	30,892	20,351	15,231	52,946	316,610
Southern Rhodesia <sup>32</sup>	18,338	6,093	6,856	4,262	8,255	7,141	4,620	332,890	3,476	5,327	5,694	6,984	6,405	9,263	14,959	337,875
Federation of Rhodesia and Nyasaland <sup>32</sup>																
So. Brit. Africa	73	35	17	6	66	63	7	345,383	8	106	78	345	234	165	182	342,751
								31.3								277

<sup>2</sup> Sampling error (see text, p. 885) is not greater than 15 to 20 percent.

<sup>3</sup> Sampling error (see text, p. 885) is not greater than 5 to 10 percent.

<sup>4</sup> Less than \$500.

<sup>28</sup> Bonin Islands and Marcus Islands included with Western Pacific Islands (Oceania) through 1953; with Nansei and Nampo Islands, n. e. c., beginning 1954.

<sup>27</sup> Country designation established beginning January 1954. Previously designated a Western Pacific Islands, n. e. c., but changed to reflect exclusion of Bonin Islands and Marcus Islands.

<sup>29</sup> Portuguese Guinea included with Angola through 1947; with Western Portuguese Africa, n. e. c., in subsequent years.

<sup>30</sup> Somaliand included with Eastern Italian Africa prior to 1954; country designation established January 1954.

<sup>30</sup> Eritrea included with Eastern Italian Africa prior to 1954; with Ethiopia beginning 1954.

<sup>31</sup> Sampling error (see text, p. 885) is not greater than \$4,000 to \$6,000.

<sup>32</sup> Effective July 1954, Northern Rhodesia, Southern Rhodesia, and Nyasaland combined under Federation of Rhodesia and Nyasaland. Prior to July 1954 Nyasaland was included with British East Africa.

<sup>33</sup> January-June only.

<sup>34</sup> July-December only.

Source: Department of Commerce, Bureau of the Census.

No. 1126.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE,  
1951 TO 1953, AND DUTIES COLLECTED, 1953, BY CUSTOMS DISTRICTS

[In thousands of dollars]

CUSTOMS DISTRICT	EXPORTS, DOMESTIC AND FOREIGN <sup>1</sup>			IMPORTS FOR CONSUMPTION			Duties collected, 1953 <sup>2</sup>
	1951	1952	1953	1951	1952	1953	
<b>Total</b> .....	<b>3 15,032,379</b>	<b>3 15,200,679</b>	<b>3 15,773,688</b>	<b>10,817,341</b>	<b>10,747,497</b>	<b>10,778,905</b>	<b>600,257</b>
Maine and New Hampshire.....	34,410	31,701	23,001	104,037	106,415	89,600	2,201
Vermont.....	129,017	128,959	135,882	201,837	181,681	185,460	4,411
Massachusetts.....	77,592	58,547	51,983	880,400	578,263	517,926	50,885
Rhode Island.....	796	879	932	45,379	33,643	24,975	1,625
Connecticut.....	44	327	4 169	23,211	22,947	23,370	1,471
St. Lawrence.....	254,133	306,103	319,882	239,843	240,357	250,759	8,354
Rochester.....	22,658	17,555	13,073	9,240	9,735	13,397	1,616
Buffalo.....	522,675	544,386	597,258	400,179	422,017	423,021	11,495
New York.....	4,290,801	3,790,753	3,450,356	3,988,568	4,185,741	4,133,057	268,322
Philadelphia.....	400,405	285,397	249,040	778,442	673,789	719,295	40,247
Pittsburgh.....	205	497	5 48	30,759	25,736	30,776	3,124
Maryland.....	482,377	454,570	430,719	373,860	393,197	443,432	13,744
Virginia.....	367,163	520,543	521,123	140,059	131,344	137,525	8,605
North Carolina.....	17,149	4,246	18,654	56,050	50,719	47,270	8,385
South Carolina.....	110,344	83,313	87,972	42,771	53,197	54,997	2,547
Georgia.....	53,928	29,330	36,535	53,890	56,718	55,850	2,865
Florida.....	285,625	263,282	252,270	136,253	145,235	151,090	8,137
Mobile.....	65,258	66,997	83,187	46,545	62,452	79,188	2,036
New Orleans.....	1,117,169	947,814	825,233	695,385	653,727	618,516	19,332
Sabine.....	117,142	141,682	146,423	3,716	4,825	3,934	19
Galveston.....	1,213,535	1,167,900	706,919	336,708	350,333	337,556	12,968
Laredo.....	455,745	385,425	395,011	47,136	91,845	67,256	6,289
El Paso.....	47,847	50,774	46,691	29,333	62,786	28,831	2,228
San Diego.....	60,662	64,741	68,274	16,905	31,580	17,090	1,014
Arizona.....	40,515	41,456	43,018	32,050	35,791	42,402	4,300
Los Angeles.....	349,626	307,029	269,999	281,379	234,088	261,489	16,957
San Francisco.....	375,625	400,601	370,067	333,559	320,280	361,829	14,019
Oregon.....	238,034	250,906	173,814	33,140	29,455	32,578	1,846
Washington.....	247,462	290,539	249,927	217,930	217,210	221,267	7,411
Alaska.....	2,825	3,042	3,579	1,161	993	1,180	58
Hawaii.....	3,505	4,125	6,321	19,158	20,076	19,867	1,654
Montana and Idaho.....	47,492	62,170	60,439	26,455	46,018	33,793	736
Dakota.....	172,298	208,793	243,850	154,249	155,837	140,385	3,123
Minnesota.....	5,821	3,020	275	14,686	7,041	11,716	932
Duluth and Superior.....	72,874	73,734	73,799	126,795	138,790	141,903	2,433
Wisconsin.....	6,563	12,479	23,687	42,547	43,644	58,618	2,399
Michigan.....	973,741	980,489	1,071,752	562,134	612,693	643,422	22,341
Chicago.....	53,663	44,959	50,732	124,969	137,457	158,420	16,345
Indiana.....	50	91	5 50	5,438	7,864	7,440	1,476
Ohio.....	141,555	149,131	141,667	65,049	71,088	91,866	10,521
Kentucky.....	( <sup>3</sup> )	2	( <sup>3</sup> )	3,913	6,015	5,771	1,159
Tennessee.....	2	4	6	18,251	16,904	2,398	567
St. Louis.....	8	25	7 1	32,204	37,336	35,594	5,240
Colorado.....	1	9	9	3,308	3,078	2,582	231
Puerto Rico.....	13,898	20,818	19,143	38,399	37,562	50,043	4,590
Virgin Islands <sup>4</sup> .....	609	908	504	2,554	2,708	2,894	-----
Vessels under own power or afloat.....	28,499	44,624	40,659	59	95	168	-----
Shipments valued under \$100 <sup>5</sup> .....	122,692	131,686	132,311	-----	-----	-----	-----
Parcel Post.....	49,926	51,742	57,944	-----	-----	-----	-----
Shipments on vessels operated by U. S. Army or Navy.....	132,838	160,689	154,689	-----	-----	-----	-----

<sup>1</sup> Customs district data exclude certain commodity shipments under security regulations.

<sup>2</sup> As reported to Treasury Department by collectors of customs, subject in certain cases to subsequent refund as well as drawback. These figures are somewhat higher than duties as calculated on basis of imports for consumption (see table 1128).

<sup>3</sup> Includes \$1,556,192,000 in 1951, \$2,612,802,000 in 1952, and \$4,125,316,000 in 1953, not shown by districts for security reasons.

<sup>4</sup> Sampling error (see text, p. 885) not greater than 5 to 10 percent.

<sup>5</sup> Sampling error (see text, p. 885) not greater than 10 to 15 percent.

<sup>6</sup> Less than \$500.

<sup>7</sup> Sampling error (see text, p. 885) not greater than \$4,000 to \$6,000.

<sup>8</sup> Excluded from totals; not part of U. S. customs area; assessed under tariff law of Virgin Islands.

<sup>9</sup> Export shipments individually valued under \$100.

Source: Department of Commerce, Bureau of the Census.



No. 1127.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE,  
BY PRINCIPAL CUSTOMS DISTRICTS: 1860 TO 1954

[In thousands of dollars. For basis of dollar values, except export figures for 1870-78, see text, p. 885. Export figures for those years represent mixed gold and currency values. Figures cover fiscal years to and including 1915; thereafter, calendar years. Import data are "general imports" through 1933; "imports for consumption" thereafter. Areas of districts were rearranged July 1, 1913. Prior to that date some of the districts were more restricted. However, in most cases this change only slightly affects the comparability of the figures. Prior to 1914 the statistics given in the table for Buffalo include the (former) districts of Buffalo Creek and Niagara; those for Michigan include the (former) districts of Superior, Huron, and Detroit; and those for Massachusetts and Maryland were the former districts of Boston and Baltimore, respectively]

YEAR OR YEARLY AVERAGE	MASSACHUSETTS		NEW YORK		PHILADELPHIA		MARYLAND		GEORGIA	
	Ex- ports	Imports	Exports	Imports	Exports	Imports	Exports	Im- ports	Exports	Im- ports
1860-----	12,748	39,334	80,048	231,310	5,527	14,612	8,940	9,781	18,352	782
1870-----	14,126	47,484	196,615	281,049	16,928	14,483	14,511	19,512	29,747	1,002
1871-1880-----	36,440	52,450	289,782	357,431	35,205	23,585	35,819	23,532	25,670	646
1881-1890-----	63,136	63,638	339,771	460,476	36,094	38,479	51,332	13,335	22,405	528
1891-1900-----	97,361	68,768	397,236	490,204	49,964	50,451	86,876	13,632	26,117	382
1901-1910-----	95,423	96,670	575,272	697,726	81,215	64,125	90,218	26,232	56,233	1,643
1911-1915-----	76,794	141,012	913,312	975,410	74,238	86,261	107,095	30,196	84,022	4,882
1915-1920 <sup>1</sup> -----	217,236	273,049	2,912,529	1,703,482	415,261	144,849	320,396	42,282	139,775	16,745
1921-1925-----	53,559	257,227	1,611,328	1,675,784	117,833	182,857	113,995	77,686	71,832	19,714
1926-1930-----	40,666	267,496	1,689,191	1,967,949	100,406	205,098	93,543	109,108	73,099	17,814
1931-1935-----	18,804	95,799	675,065	866,790	55,625	100,712	32,199	55,312	24,657	9,320
1936-1940-----	23,743	157,458	1,294,347	1,210,233	90,647	145,182	98,031	79,559	22,692	12,533
1941-1945-----	80,055	196,323	4,295,688	1,278,003	838,370	173,135	561,752	93,932	143,978	27,000
1946-1950 <sup>2</sup> -----	74,392	407,458	3,023,493	2,650,763	397,869	453,097	436,607	225,325	79,190	41,464
1945-----	68,536	208,274	4,019,929	1,477,546	690,098	236,522	498,996	117,906	151,691	50,890
1946-----	66,062	307,549	4,016,164	2,291,371	306,550	255,892	344,561	147,527	94,834	21,720
1947-----	82,722	362,367	6,030,822	2,321,584	489,187	380,670	528,053	209,579	63,525	46,636
1948-----	(4)	422,735	(4)	2,818,212	(4)	487,297	(4)	241,697	(4)	46,275
1949-----	(4)	358,574	(4)	2,442,279	(4)	474,405	(4)	239,976	(4)	45,744
1950 <sup>2</sup> -----	(4)	586,066	(4)	3,380,369	(4)	667,219	(4)	287,844	(4)	46,946
1951 <sup>2</sup> -----	77,592	880,400	4,290,801	3,988,568	400,405	778,442	482,373	373,860	53,928	53,890
1952 <sup>2</sup> -----	58,547	578,263	3,790,753	4,185,741	285,397	673,789	454,570	393,197	29,330	56,718
1953 <sup>2</sup> -----	51,933	517,926	3,450,356	4,133,057	249,040	719,295	430,719	443,432	36,535	55,850
1954 <sup>2</sup> -----	82,292	456,214	3,510,173	3,771,666	381,116	767,137	491,681	418,091	78,464	59,046

YEAR OR YEARLY AVERAGE	NEW ORLEANS		GALVESTON		BUFFALO		CHICAGO		MICHIGAN	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
1860-----	108,165	20,636	5,772	533	3,049	4,850	1,165	60	3,827	961
1870-----	107,587	14,377	14,874	509	353	9,275	2,613	736	3,116	1,736
1871-1880-----	84,785	13,245	15,491	1,384	659	6,562	4,221	693	8,115	2,728
1881-1890-----	86,612	11,185	19,665	1,323	448	9,115	2,618	7,489	14,817	5,256
1891-1900-----	96,730	16,208	51,070	1,081	9,875	6,550	3,925	14,395	21,374	5,845
1901-1910-----	150,173	37,080	150,182	3,386	39,122	10,514	4,804	21,458	50,891	10,700
1911-1915-----	179,038	78,668	241,254	7,611	82,712	24,321	10,341	32,000	102,360	20,967
1915-1920 <sup>1</sup> -----	428,107	149,070	346,984	15,930	198,686	88,161	21,379	40,117	294,375	61,893
1921-1925-----	391,342	167,731	523,904	30,066	162,606	77,517	27,681	46,066	211,729	76,859
1926-1930-----	363,633	201,668	548,254	31,598	209,103	136,663	11,865	48,914	292,545	93,297
1931-1935-----	141,711	84,747	256,703	15,581	70,602	52,785	4,288	28,959	113,055	47,588
1936-1940-----	197,285	111,548	250,814	27,650	113,001	78,792	18,758	41,357	183,157	72,532
1941-1945-----	304,441	240,841	210,506	60,932	288,584	210,270	12,296	42,200	578,857	201,393
1946-1950 <sup>2</sup> -----	744,026	387,155	781,967	155,861	384,520	216,306	33,957	74,459	646,603	353,006
1945-----	395,809	288,004	417,846	62,089	265,046	200,726	9,942	47,314	505,655	302,274
1946-----	568,845	228,041	729,837	83,096	318,789	153,170	16,110	66,670	480,432	208,656
1947-----	919,207	356,568	834,097	111,422	441,065	167,135	28,031	55,574	697,906	278,667
1948-----	(4)	424,401	(4)	173,806	386,803	236,338	31,341	70,351	638,609	403,199
1949-----	(4)	417,125	(4)	201,068	390,296	231,065	42,874	82,217	688,836	395,131
1950 <sup>2</sup> -----	(4)	509,640	(4)	209,913	385,647	293,822	51,431	97,481	727,231	479,377
1951 <sup>2</sup> -----	1,117,169	695,385	1,213,535	336,708	522,675	400,179	53,663	124,969	973,741	562,134
1952 <sup>2</sup> -----	947,814	653,727	1,167,900	350,333	544,386	422,017	44,959	137,457	980,489	612,693
1953 <sup>2</sup> -----	825,233	618,516	706,919	337,556	597,258	423,021	50,732	158,420	1,071,752	643,422
1954 <sup>2</sup> -----	986,620	607,957	766,893	303,259	536,432	374,113	67,044	126,761	981,871	590,627

See footnotes at end of table.

No. 1127.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE,  
BY PRINCIPAL CUSTOMS DISTRICTS: 1860 TO 1954—Continued

[In thousands of dollars]

YEAR OR YEARLY AVERAGE	SAN FRANCISCO		WASHINGTON		YEAR OR YEARLY AVERAGE	SAN FRANCISCO		WASHINGTON	
	Ex- ports	Im- ports	Ex- ports	Im- ports		Ex- ports	Im- ports	Ex- ports	Im- ports
1860-----	4,868	7,367			1941-1945-----	328,645	83,972	214,188	78,802
1870-----	13,992	15,983	428	35	1946-1950 <sup>2</sup> -----	347,288	188,514	162,685	127,880
1871-1880-----	23,597	27,629	493	32	1945-----	213,143	56,052	222,427	92,677
1881-1890-----	37,388	41,726	2,178	263	1946-----	297,117	102,651	136,291	65,786
1891-1900-----	34,486	42,000	9,788	3,734	1947-----	397,459	174,575	224,651	101,132
1901-1910-----	35,255	43,707	34,638	16,658	1948-----	(4)	184,104	185,583	146,713
1911-1915-----	60,154	63,760	57,711	50,200	1949-----	(4)	211,447	150,308	140,973
1915-1920 <sup>1</sup> -----	186,317	197,613	222,702	206,862	1950 <sup>2</sup> -----	(4)	269,792	116,592	184,798
1921-1925-----	158,275	155,500	110,361	214,213	1951 <sup>2</sup> -----	375,625	333,559	247,462	217,930
1926-1930-----	183,236	195,331	136,885	212,134	1952 <sup>2</sup> -----	400,601	320,281	290,539	217,210
1931-1935-----	95,950	65,233	48,974	35,216	1953 <sup>2</sup> -----	370,067	361,829	249,927	221,267
1936-1940-----	120,922	74,986	77,816	36,543	1954 <sup>2</sup> -----	438,678	340,917	260,387	238,086

<sup>1</sup> Period July 1, 1915, to Dec. 31, 1920.

<sup>2</sup> For security reasons Customs district of exportation for certain commodities not reported in export statistics.

<sup>3</sup> Average for 1946 and 1947.

<sup>4</sup> Customs district data not available.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

No. 1128.—IMPORTS ENTERED FOR CONSUMPTION AND DUTIES THEREON: 1821  
TO 1954

[For basis of dollar values, see text, p. 885. From 1821 to 1866, inclusive, figures of import values represent total imports less reexports, and for 1867 and later years imports entered for consumption. "Ratio of duties to total" is based upon values of imports shown in table. For years ending Sept. 30, 1821 to 1842, and June 30, 1843 to 1915; calendar years thereafter. See also *Historical Statistics*, series M 68-74]

YEARLY AVERAGE OR YEAR	VALUES				Duties calcu- lated <sup>1</sup>	RATIO OF DUTIES TO TOTAL		Amount duties per capita <sup>2</sup>
	Total	Free	Dutiable	Percent free		Free and dutiable	Dutiable	
	\$1,000	\$1,000	\$1,000		\$1,000	Percent	Percent	Dollars
1821-1830-----	56,749	3,325	53,424	5.86	26,282	46.31	49.20	2.32
1831-1840-----	104,139	39,680	64,459	38.10	24,509	23.53	38.02	1.63
1841-1850-----	110,561	20,347	90,214	18.40	26,738	24.18	29.64	1.32
1851-1860-----	267,871	40,685	227,186	15.19	54,511	20.35	23.99	1.99
1861-1870-----	315,637	35,676	279,961	11.30	120,042	38.03	42.88	3.32
1871-1880-----	522,653	133,480	389,173	25.54	163,201	31.23	41.94	3.58
1881-1890-----	682,681	220,986	461,695	32.37	205,580	30.11	44.53	3.59
1891-1900-----	749,584	371,837	377,747	49.61	177,580	23.69	47.01	2.53
1901-1910-----	1,142,514	522,123	620,391	45.70	280,955	24.59	45.29	3.32
1911-1915-----	1,698,028	966,141	731,887	56.89	283,408	16.69	38.72	2.91
1915-1920 <sup>3</sup> -----	3,289,748	2,262,412	1,027,336	68.77	227,035	6.90	22.10	2.17
1921-1925-----	3,422,748	2,088,932	1,333,816	61.03	478,911	13.99	35.90	4.22
1926-1930-----	4,020,350	2,645,610	1,374,740	65.81	550,743	13.70	40.06	4.52
1931-1935-----	1,704,294	1,075,585	628,709	63.11	314,477	18.45	50.02	2.46
1936-1940-----	2,440,042	1,475,825	964,217	60.48	365,151	14.96	37.87	2.76
1941-1945-----	3,475,593	2,293,945	1,181,648	66.00	379,704	10.92	32.13	2.72
1946-1950-----	6,583,595	3,842,818	2,740,777	58.37	439,453	6.67	16.03	2.94
1945-----	4,098,101	2,749,345	1,348,756	67.09	380,827	9.29	28.24	2.66
1946-----	4,824,902	2,934,955	1,889,946	60.83	477,854	9.90	25.28	3.31
1947-----	5,666,321	3,454,647	2,211,674	60.97	427,679	7.55	19.34	2.91
1948-----	7,092,032	4,174,523	2,917,509	58.86	404,778	5.71	13.87	2.71
1949-----	6,591,640	3,883,186	2,708,454	58.91	364,618	5.53	13.46	2.40
1950-----	8,743,082	4,766,778	3,976,304	54.52	522,337	5.97	13.14	3.38
1951-----	10,817,341	5,993,442	4,823,900	55.41	591,261	5.47	12.26	3.76
1952-----	10,747,497	6,256,950	4,490,546	58.22	570,062	5.30	12.69	3.56
1953-----	10,778,905	5,919,501	4,859,403	54.9	584,350	5.42	12.02	3.59
1954-----	10,232,179	5,661,510	4,570,669	55.3	529,109	5.17	11.58	3.20

<sup>1</sup> Beginning 1947, data from Bureau of Customs and represent unrevised figures based on reports at time of entry.

<sup>2</sup> Beginning 1940, based on estimated population including Armed Forces overseas.

<sup>3</sup> Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records, except as noted.



**No. 1129.—IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION—  
VALUES, CALCULATED DUTIES, AND AVERAGE RATE OF DUTY, BY TARIFF SCHEDULES: 1935 TO 1954**

[In thousands of dollars. For basis of dollar values, see text, p. 885. Includes articles on which countervailing and antidumping duties are assessed. Free list commodities taxable under revenue acts excluded from various schedules. Percents represent average ad valorem rate or ratio of duties to values of dutiable merchandise]

YEAR	Values	Duties	Per-cent	Values	Duties	Per-cent	Values	Duties	Per-cent
	Schedule 1.—Chemicals, oils, and paints			Schedule 2.—Earthenware, and glassware			Schedule 3.—Metals and manufactures		
1935	66,105	28,205	42.67	22,853	11,636	50.92	68,013	23,305	34.27
1937	83,316	29,265	35.13	36,954	18,067	48.89	114,020	37,135	32.57
1938	51,958	19,417	37.37	24,693	11,049	44.75	68,172	21,493	31.53
1939	56,586	19,634	34.70	25,369	10,794	42.55	89,728	25,749	28.70
1940	41,204	12,356	29.99	22,336	8,806	39.43	102,303	31,161	30.46
1941	48,695	13,291	27.29	25,857	7,742	29.94	126,095	43,435	34.45
1942	47,203	10,621	22.50	19,031	4,786	25.15	102,300	28,040	27.41
1943	41,480	7,634	18.40	18,399	4,071	22.13	120,054	31,434	26.18
1944	54,122	8,037	14.85	10,764	3,103	28.83	117,660	28,919	24.58
1945	71,859	10,051	13.99	14,760	3,884	26.31	150,019	38,496	25.66
1946	90,198	13,622	15.10	30,941	9,546	30.85	197,984	50,628	25.57
1947	119,282	16,578	13.90	44,308	13,643	30.79	246,376	51,079	20.73
1948	114,896	14,252	12.40	60,710	15,321	25.24	348,465	53,421	15.33
1949	77,975	10,635	13.64	59,496	16,220	27.26	337,977	48,513	14.35
1950	149,773	23,133	15.45	82,737	21,935	26.51	658,793	85,475	12.97
1951	200,441	25,749	12.85	120,317	31,663	26.32	927,602	108,145	11.66
1952	163,944	20,709	12.63	119,734	29,569	24.70	896,048	109,905	12.27
1953	197,797	26,558	13.43	138,249	32,073	23.20	1,204,829	140,408	11.65
1954	174,520	24,690	14.15	127,883	31,320	24.50	978,541	117,071	11.96
	Schedule 4.—Wood and manufactures			Schedule 5.—Sugar, molasses, and manufactures			Schedule 6.—Tobacco and manufactures		
1935	12,657	2,923	23.09	94,953	39,985	42.11	25,974	21,958	84.54
1937	19,861	3,188	16.05	126,645	45,371	35.83	31,776	24,213	76.20
1938	13,503	2,156	15.97	95,486	45,506	47.66	35,803	24,408	68.17
1939	17,002	2,096	12.33	90,543	46,218	51.05	35,999	23,927	66.47
1940	17,461	1,723	9.87	87,780	42,826	48.79	36,685	22,173	60.44
1941	36,039	2,536	7.04	145,375	63,586	43.74	38,026	23,017	60.53
1942	46,185	2,413	5.22	134,811	36,056	26.75	37,779	22,505	59.57
1943	27,852	1,642	5.90	194,349	55,730	28.68	43,209	23,044	53.33
1944	37,299	2,297	6.16	101,071	29,096	28.79	65,930	24,882	37.74
1945	44,563	2,867	6.43	35,418	10,430	29.45	82,278	28,253	34.34
1946	54,610	4,191	7.67	42,524	10,167	23.91	89,337	24,916	27.89
1947	42,112	3,073	7.30	436,404	67,280	15.42	92,367	25,757	27.89
1948	127,501	4,624	3.63	336,010	34,665	10.29	79,943	23,784	29.75
1949	97,541	4,564	4.68	345,663	37,206	10.76	75,278	23,522	31.25
1950	237,168	8,514	3.59	359,948	37,635	10.46	78,654	19,534	24.84
1951	211,560	9,866	4.66	368,691	34,957	9.48	87,831	20,484	23.32
1952	214,917	10,134	4.72	384,937	36,045	9.36	82,517	16,758	20.31
1953	237,236	13,520	5.70	372,383	35,845	9.63	84,481	17,000	20.12
1954	263,484	15,813	6.00	354,741	34,748	9.80	84,845	17,161	20.23
	Schedule 7.—Agricultural products and provisions			Schedule 8.—Spirits, wines, and other beverages			Schedule 9.—Cotton manufactures		
1935	219,133	87,559	39.96	42,384	39,326	92.79	27,136	10,852	39.99
1937	310,156	106,775	34.43	74,973	46,093	61.48	44,052	17,155	38.94
1938	147,857	51,058	34.53	59,460	34,498	58.02	24,288	9,439	38.86
1939	173,808	56,419	32.46	59,076	34,206	57.90	27,284	9,841	36.07
1940	147,228	46,083	31.30	53,809	32,753	60.87	20,106	7,050	35.06
1941	173,113	56,818	32.82	49,635	30,186	60.82	15,003	5,002	33.34
1942	178,729	41,368	23.15	56,695	28,811	50.82	8,270	2,548	30.81
1943	248,557	40,526	16.30	83,094	61,563	74.09	8,946	2,707	30.26
1944	266,284	37,584	14.11	115,304	85,671	74.30	6,709	1,900	28.32
1945	314,005	42,542	13.55	67,923	45,340	66.75	26,392	4,533	17.18
1946	354,680	43,405	12.24	95,150	50,520	53.10	23,451	5,453	23.25
1947	311,800	36,347	11.66	67,305	31,718	47.13	15,986	4,921	30.78
1948	529,066	56,729	10.72	86,434	23,834	27.57	26,079	6,224	23.87
1949	489,055	51,914	10.62	89,594	24,145	26.95	22,510	5,376	23.88
1950	623,196	66,673	10.70	116,485	29,284	25.14	40,999	9,742	23.76
1951	785,114	71,369	9.09	125,405	31,456	25.08	47,661	10,875	22.82
1952	772,956	75,081	9.71	127,552	30,025	23.54	40,445	8,981	22.21
1953	775,318	71,218	9.19	152,422	35,899	23.55	57,206	12,329	21.55
1954	692,687	63,608	9.18	155,995	36,493	23.39	60,426	12,783	21.15

**No. 1129.—IMPORTED DUTIABLE MERCHANDISE ENTERED FOR CONSUMPTION—  
VALUES, CALCULATED DUTIES, AND AVERAGE RATE OF DUTY, BY TARIFF SCHED-  
ULES: 1935 TO 1954—Continued**

[In thousands of dollars]

YEAR	Values	Duties	Per- cent	Values	Duties	Per- cent	Values	Duties	Per- cent	Values	Duties	Per- cent
	Schedule 10.—Flax, hemp, jute, and man- ufactures			Schedule 11.—Wool and manufactures			Schedule 12.—Silk manufactures			Schedule 13.—Rayon and other synthetic textiles, manufactures		
1935	62,430	15,083	24.16	28,857	23,510	81.47	6,039	3,557	58.90	1,730	831	48.03
1937	77,656	19,029	24.50	82,560	51,617	62.52	8,736	4,756	54.44	7,499	3,240	43.21
1938	49,402	12,092	24.48	27,418	18,531	67.59	6,185	3,327	53.79	6,041	2,274	37.64
1939	54,765	10,829	19.77	49,271	33,624	68.24	5,286	2,776	52.52	10,210	3,090	30.26
1940	68,033	10,255	15.07	77,829	51,601	66.30	4,074	2,148	52.72	3,898	1,260	32.32
1941	69,846	9,526	13.64	185,672	123,118	66.31	2,829	1,457	51.50	2,550	753	29.53
1942	52,309	6,639	12.69	178,771	112,972	63.19	855	411	48.07	202	81	40.10
1943	40,635	4,857	11.95	218,316	134,360	61.54	438	209	47.72	219	113	51.60
1944	10,047	2,252	22.41	179,016	114,379	63.89	598	307	51.34	362	198	54.70
1945	17,863	3,982	22.29	229,513	144,039	62.76	1,928	927	48.08	2,529	1,252	49.51
1946	106,202	15,394	14.50	276,042	167,759	60.77	5,159	2,459	47.66	15,819	5,341	33.76
1947	149,880	13,878	9.26	199,090	95,072	47.75	10,930	5,272	48.23	15,686	4,623	29.47
1948	173,155	10,000	5.77	291,730	81,410	27.91	20,398	6,258	30.68	28,136	6,744	23.97
1949	141,656	7,035	4.97	239,329	58,040	24.25	21,483	5,670	26.40	7,233	1,706	23.59
1950	144,843	9,279	6.41	394,178	94,294	23.91	29,272	8,953	30.59	35,209	7,877	22.37
1951	184,027	11,098	6.03	721,552	103,170	14.30	31,687	9,672	30.52	49,146	9,296	18.92
1952	162,200	8,364	5.16	461,864	103,623	22.44	29,324	9,077	30.95	34,563	6,112	17.68
1953	124,147	8,565	6.90	339,238	75,769	22.34	29,678	8,972	30.23	31,833	6,270	19.70
1954	115,263	8,215	7.13	266,219	56,636	21.27	26,203	7,885	30.09	27,054	5,983	22.12
	Schedule 14.—Pulp, paper, and books			Schedule 15.—Sundries			Free-list commodities taxable under Revenue Act of 1932 and subse- quent acts, <sup>1</sup> dutiable under section 466, Tariff Act of 1930, etc.					
1935	11,118	2,697	24.26	111,030	36,172	32.58	32,011	10,008	31.26			
1937	15,113	3,324	21.99	169,064	49,246	29.13	41,153	12,033	29.24			
1938	11,970	2,531	21.14	110,444	33,959	30.75	33,285	9,636	28.95			
1939	11,461	2,152	18.78	133,270	35,245	26.45	38,394	11,753	30.61			
1940	7,550	1,278	16.93	114,957	29,558	25.71	86,582	17,235	19.91			
1941	13,641	2,791	20.46	132,757	25,438	19.16	126,091	29,901	23.71			
1942	9,534	1,643	17.23	96,819	13,411	13.85	40,185	6,183	15.39			
1943	7,432	1,029	13.85	115,815	17,457	15.07	38,506	5,163	13.41			
1944	7,711	1,038	13.46	118,006	21,069	17.85	73,677	7,502	10.18			
1945	8,773	1,260	14.36	170,234	33,008	19.39	112,430	11,347	10.09			
1946	15,692	1,980	12.62	334,444	60,854	18.20	156,996	16,626	10.59			
1947	23,304	3,186	13.67	207,728	39,468	19.00	231,207	15,784	6.83			
1948	29,803	3,442	11.54	267,551	45,419	16.98	389,100	18,750	4.82			
1949	21,443	2,199	10.26	225,844	43,374	19.21	457,636	24,499	5.35			
1950	27,144	2,691	9.91	338,043	61,370	18.15	650,803	35,947	5.52			
1951	39,231	3,673	9.36	336,008	58,832	17.51	615,319	50,956	8.28			
1952	38,649	3,677	9.51	294,740	57,135	19.38	661,974	44,868	6.78			
1953	48,841	4,712	9.65	316,276	63,863	20.19	751,322	31,350	4.17			
1954	48,633	4,701	9.67	306,074	61,308	20.03	809,985	30,694	3.79			

<sup>1</sup> Taxes collected on dutiable commodities under revenue acts and Sugar Act of 1937 are included in appropriate schedules.

Source: Treasury Department, Bureau of Customs; *Annual Report of the Secretary*.



**No. 1130.—IMPORTS OF MERCHANDISE, FREE AND DUTIABLE, AND PERCENT FREE, BY ECONOMIC CLASSES: 1821 TO 1954**

[In thousands of dollars. For basis of dollar values, see text, p. 885. For years ending Sept. 30, 1821 to 1840, and June 30, 1850 to 1915; calendar years thereafter, except as noted. Data are "general imports" through 1933; "imports for consumption" beginning 1934. Percentage free in general imports is normally slightly lower than in imports for consumption because relatively more of dutiable general imports are reported as reexported than of free general imports. Moreover, in the period 1922-1933, there is an understatement of free goods in general imports because for 1922 to 1933, carpet wool used for making carpets, and for 1922 to 1928, wheat imported for milling in bond for exports were reported as dutiable when entered, although no duty was ultimately paid on these products. See also *Historical Statistics*, series M 75-86]

YEAR OR YEARLY AVERAGE	TOTAL			CRUDE MATERIALS			CRUDE FOODSTUFFS AND FOOD ANIMALS		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
1821-----	2, 018	52, 504	3. 7	1, 475	1, 066	58. 1	-----	6, 082	-----
1830-----	4, 590	58, 131	7. 3	3, 348	1, 450	69. 8	-----	7, 382	-----
1840-----	48, 314	49, 946	49. 2	9, 780	2, 360	80. 6	15, 214	60	99. 6
1850-----	18, 082	155, 428	10. 4	602	11, 954	4. 8	15, 803	2, 208	87. 7
1851-1860-----	44, 730	239, 745	15. 7	6, 455	20, 938	23. 6	30, 165	3, 121	90. 6
1861-1870-----	38, 388	293, 479	11. 6	10, 335	31, 605	24. 6	10, 904	34, 358	24. 1
1871-1880-----	129, 985	405, 237	24. 3	54, 492	37, 775	59. 1	59, 916	25, 615	70. 1
1881-1890-----	223, 628	468, 559	32. 3	98, 173	49, 680	66. 4	83, 274	22, 980	78. 4
1891-1900-----	372, 244	391, 084	48. 8	160, 631	41, 239	79. 6	106, 584	22, 593	82. 5
1901-1910-----	520, 831	637, 670	45. 0	295, 690	98, 969	74. 9	109, 577	27, 098	80. 2
1911-1915-----	961, 439	750, 880	56. 1	491, 948	105, 753	82. 3	181, 170	37, 865	82. 7
1915-1920 <sup>1</sup> -----	2, 258, 608	1, 099, 747	67. 3	1, 195, 593	152, 074	88. 7	349, 926	58, 226	85. 7
1921-1925-----	2, 060, 303	1, 389, 800	59. 7	1, 036, 581	253, 794	80. 3	302, 242	80, 297	79. 0
1926-1930-----	2, 597, 197	1, 436, 271	64. 4	1, 228, 971	255, 152	82. 8	407, 540	99, 075	80. 4
1931-1935-----	1, 067, 145	640, 430	62. 4	380, 639	111, 703	77. 4	220, 717	44, 532	83. 2
1936-1940-----	1, 475, 825	964, 217	60. 5	627, 289	179, 946	77. 7	238, 355	81, 247	74. 6
1941-1945-----	2, 293, 945	1, 181, 648	66. 0	777, 319	369, 839	67. 8	434, 555	134, 158	76. 4
1946-1950-----	3, 842, 818	2, 740, 777	58. 4	1, 263, 001	729, 287	63. 4	1,031,862	205, 183	83. 4
1947-----	3, 454, 647	2, 211, 674	61. 0	1, 181, 334	584, 826	66. 9	878, 625	138, 150	86. 4
1948-----	4, 174, 523	2, 917, 509	58. 9	1, 358, 492	788, 515	63. 3	1,039,523	232, 088	81. 7
1949-----	3, 883, 186	2, 708, 454	58. 9	1, 126, 860	726, 851	60. 8	1,096,520	236, 360	82. 3
1950-----	4, 766, 778	3, 976, 304	54. 5	1, 481, 571	983, 918	62. 1	1,492,335	257, 221	85. 3
1951-----	5, 993, 442	4, 823, 900	55. 4	2, 067, 538	1,297,016	61. 5	1,773,423	303, 285	85. 4
1952-----	6, 256, 950	4, 490, 546	58. 2	1, 873, 598	1,063,842	63. 8	1,772,477	295, 782	85. 7
1953-----	5, 919, 501	4, 859, 403	54. 9	1, 495, 993	1,117,033	57. 3	1,876,988	308, 269	85. 9
1954-----	5, 661, 510	4, 570, 669	55. 3	1, 330, 876	1,081,341	55. 2	1,976,367	223, 108	89. 9

YEAR OR YEARLY AVERAGE	MANUFACTURED FOODSTUFFS <sup>2</sup>			SEMIMANUFACTURES			FINISHED MANUFACTURES		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
1821-----	-----	10, 821	-----	488	3, 591	12. 0	55	30, 944	0. 2
1830-----	-----	9, 654	-----	1, 211	3, 942	23. 5	31	35, 703	0. 1
1840-----	1, 021	14, 168	6. 7	4, 962	6, 394	43. 7	17, 337	26, 963	39. 1
1850-----	-----	21, 466	-----	764	25, 399	2. 9	911	94, 401	1. 0
1851-1860-----	2, 426	41, 477	5. 5	3, 419	32, 140	9. 6	2, 265	142, 067	1. 6
1861-1870-----	3, 259	59, 738	5. 2	7, 351	38, 337	16. 1	6, 540	129, 442	4. 8
1871-1880-----	1, 808	109, 105	1. 6	7, 686	62, 156	11. 0	6, 084	170, 587	3. 4
1881-1890-----	11, 452	111, 527	9. 3	17, 192	85, 143	16. 8	13, 538	199, 230	6. 4
1891-1900-----	55, 514	73, 911	42. 9	30, 090	75, 830	28. 4	19, 427	177, 512	9. 9
1901-1910-----	4, 344	135, 095	3. 1	81, 071	119, 623	40. 4	30, 150	256, 886	10. 5
1911-1915-----	25, 626	189, 517	11. 9	167, 863	129, 612	56. 4	94, 832	288, 131	24. 8
1915-1920 <sup>1</sup> -----	73, 142	471, 407	13. 4	424, 243	150, 177	73. 9	215, 704	267, 862	44. 6
1921-1925-----	56, 620	391, 469	12. 6	411, 802	197, 423	67. 6	253, 058	466, 817	35. 2
1926-1930-----	73, 706	324, 603	18. 5	543, 245	218, 789	71. 3	343, 735	538, 650	39. 0
1931-1935-----	72, 466	164, 332	30. 6	218, 078	101, 523	68. 2	175, 245	218, 340	44. 5
1936-1940-----	73, 466	272, 056	21. 3	337, 516	173, 434	66. 1	199, 199	257, 532	43. 6
1941-1945-----	129, 910	270, 159	32. 5	516, 375	218, 778	70. 2	435, 786	188, 713	69. 8
1946-1950-----	110, 454	595, 548	15. 6	821, 812	648, 778	55. 9	615, 689	561, 982	52. 3
1946-----	221, 333	282, 613	43. 9	489, 524	441, 075	52. 6	405, 042	441, 838	47. 8
1947-----	39, 127	616, 571	6. 0	825, 133	419, 775	66. 3	530, 428	452, 353	54. 0
1948-----	80, 934	650, 239	11. 1	993, 285	639, 856	60. 8	702, 289	606, 811	53. 6
1949-----	98, 291	642, 479	13. 3	868, 923	549, 465	61. 3	692, 590	553, 299	55. 6
1950-----	112, 584	785, 839	12. 5	932, 193	1, 193, 717	43. 8	748, 095	755, 609	49. 8
1951-----	136, 784	884, 861	13. 4	1, 174, 409	1, 284, 165	47. 8	841, 287	1,054,572	44. 4
1952-----	152, 238	930, 341	14. 1	1, 501, 856	1,063,808	58. 5	956, 781	1,136,773	45. 7
1953-----	162, 945	944, 929	14. 7	1, 405, 934	1, 272, 474	52. 5	977, 641	1,216,698	44. 6
1954-----	155, 015	960, 222	13. 9	1, 199, 162	1, 111, 099	51. 9	1,000,090	1,194,899	45. 6

<sup>1</sup> Period July 1, 1915, to Dec. 31, 1920.

<sup>2</sup> Includes beverages.

Source: Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

**No. 1131.—DUTIES ON IMPORTS FOR CONSUMPTION, AND RATIO TO DUTIABLE IMPORTS,  
BY PRINCIPAL COUNTRIES: 1950 TO 1954**

[In thousands of dollars. Represents unrevised data based on reports at date of entry]

COUNTRY	DUTIES CALCULATED					RATIO OF DUTIES TO VALUE OF DUTIABLE IMPORTS FOR CONSUMPTION (percent)				
	1950	1951	1952	1953	1954	1950	1951	1952	1953	1954
<b>Grand total</b> .....	522,337	591,261	570,062	584,350	529,109	13.17	12.19	12.71	12.02	11.58
<b>Northern North America</b> .....	61,734	61,150	56,888	66,465	59,366	7.25	6.24	6.32	6.47	6.41
Canada <sup>1</sup> .....	61,721	61,141	56,873	66,449	59,324	7.25	6.24	6.32	6.47	6.41
Other.....	13	9	15	16	42	9.35	4.50	6.17	7.02	8.90
<b>Southern North America</b> .....	69,509	73,944	71,869	64,969	58,950	10.07	10.77	10.15	9.44	9.27
Mexico.....	16,869	19,117	20,305	18,822	14,864	10.03	11.56	12.23	11.39	10.54
Central American countries.....	404	387	550	720	575	7.87	6.22	8.12	9.15	7.10
Guatemala.....	97	225	199	235	121	10.52	12.10	16.68	20.44	11.86
El Salvador.....	38	28	54	42	34	7.09	5.53	6.94	6.84	5.78
Other.....	269	134	207	443	420	7.32	3.47	6.18	7.26	6.47
Bermuda and Caribbean.....	52,236	54,440	51,014	45,427	43,511	10.10	10.57	9.44	8.81	8.93
Cuba.....	42,623	40,290	39,862	39,018	38,093	11.05	10.46	10.14	10.21	10.73
Dominican Republic.....	1,031	1,631	762	1,637	1,170	10.70	10.10	5.15	9.92	6.85
Netherlands Antilles.....	7,449	11,321	9,188	3,179	2,841	6.65	11.05	7.98	3.27	2.98
Other.....	1,133	1,198	1,202	1,593	1,407	11.50	10.60	9.99	8.06	7.18
<b>South America</b> .....	74,732	75,987	66,864	57,548	39,864	10.79	10.10	10.28	8.44	6.24
Argentina.....	21,494	19,658	18,038	20,269	9,904	18.02	13.51	16.76	18.93	16.41
Bolivia.....	961	269	166	233	452	16.33	11.53	10.13	8.31	7.00
Brazil.....	3,778	4,239	3,294	3,577	2,464	8.92	7.18	7.82	8.29	7.92
Chile.....	5,433	4,096	2,006	801	388	10.37	9.88	19.53	13.59	9.66
Colombia.....	1,704	3,112	2,452	1,406	1,222	4.50	7.49	6.17	3.51	3.48
Peru.....	5,032	3,885	2,663	4,863	4,766	14.68	10.45	10.17	10.12	9.26
Uruguay.....	20,898	17,585	15,941	10,803	5,297	22.04	14.52	22.89	22.20	19.63
Venezuela.....	13,467	21,158	19,681	13,316	13,923	4.73	7.57	6.10	3.73	3.44
Other.....	1,966	1,985	2,623	2,280	1,448	9.27	8.09	8.65	7.87	7.74
<b>Europe<sup>2</sup></b> .....	193,852	245,338	243,969	279,872	256,396	19.39	17.16	17.53	17.04	16.98
Belgium and Luxembourg.....	12,632	17,782	15,187	20,536	16,618	11.83	10.69	10.84	11.28	11.73
Finland.....	915	1,194	634	1,449	1,502	17.66	12.86	14.26	12.72	12.82
France.....	20,507	31,674	23,182	26,186	21,619	20.51	16.10	17.67	17.55	17.56
Germany.....	14,260	30,036	29,077	35,915	38,625	18.12	15.85	17.28	17.37	17.05
Italy.....	19,724	23,672	24,472	26,819	23,761	23.17	21.27	20.02	19.78	20.00
Netherlands.....	5,321	5,957	7,283	10,235	8,731	9.93	8.91	9.35	8.99	8.18
Norway.....	3,182	2,897	2,875	3,116	2,248	11.10	9.60	8.78	7.96	9.51
Spain.....	7,434	7,120	9,093	8,945	8,182	18.46	15.92	17.30	17.87	16.90
Sweden.....	2,180	4,165	4,783	4,550	3,966	14.23	13.86	14.62	12.70	13.52
Switzerland.....	32,564	35,824	36,662	40,740	36,474	31.44	30.16	29.26	27.81	28.84
Turkey <sup>2</sup> .....			9,709	9,320	9,577			22.97	22.50	22.74
United Kingdom.....	55,510	63,668	64,110	71,956	64,488	20.72	19.49	19.35	18.66	18.00
Other.....	19,623	21,349	16,902	20,105	20,605	17.11	15.32	12.92	13.83	13.40
<b>Asia<sup>2</sup></b> .....	80,684	81,193	75,720	84,094	83,995	16.50	15.86	14.47	14.26	14.71
British Malaya.....	118	819	321	99	161	11.76	8.77	8.82	11.16	13.54
Ceylon.....	65	105	75	80	81	8.00	7.95	7.96	8.85	9.73
China.....	13,262	2,896	1,006	270	21	16.20	10.72	10.29	12.96	25.00
India.....	7,398	9,755	8,799	8,277	7,406	5.48	5.67	5.17	6.08	6.25
Indonesia.....	893	1,052	1,443	2,039	1,926	17.41	17.27	12.22	6.90	6.40
Japan.....	35,307	40,217	44,609	51,986	55,129	27.94	27.81	26.24	26.01	26.43
Pakistan.....	70	136	40	63	82	10.00	6.02	9.33	13.39	7.89
Republic of Philippines.....	106	72	55	71	128	47.53	17.56	25.53	13.81	10.79
Siam (Thailand).....	385	468	681	864	494	21.13	18.59	13.75	15.09	21.47
Turkey <sup>2</sup> .....	12,298	11,445				29.53	26.32			
Other.....	10,782	14,228	18,691	20,345	18,567	11.42	13.83	12.36	9.52	8.96
<b>Australia and Oceania</b> .....	29,164	38,867	41,186	19,935	18,113	20.78	11.20	20.22	16.26	16.42
Australia.....	23,846	32,775	25,886	14,293	13,918	20.07	10.84	18.75	14.94	15.47
New Zealand.....	5,287	6,079	15,248	5,594	4,047	24.93	13.64	23.50	21.41	21.27
Other.....	31	13	52	48	148	9.54	6.95	7.26	6.02	11.14
<b>Africa</b> .....	12,662	14,782	13,566	11,467	12,425	12.21	10.32	12.46	10.52	10.62
Belgian Congo.....	90	105	97	211	763	9.70	5.94	6.12	7.02	9.40
Egypt.....	2,246	1,914	1,422	2,012	1,425	7.38	6.50	5.64	8.08	7.82
Gold Coast.....	940	896	687	826	492	10.89	8.92	7.65	5.44	4.89
Nigeria.....	74	44	21	29	14	7.28	6.62	9.10	8.83	8.86
Union of South Africa.....	5,955	8,684	8,240	4,779	6,353	13.36	10.34	15.97	8.52	11.70
Other.....	3,357	3,139	3,099	3,610	3,378	18.53	18.17	14.58	14.30	12.93

<sup>1</sup> Includes Newfoundland and Labrador.

<sup>2</sup> Turkey included in Europe as of January 1, 1952.

Source: Treasury Department, Bureau of Customs.



### 33. Territories, Possessions, and Other Areas Under the Jurisdiction of the United States

Statistics in this section are presented for the two Territories, Alaska and Hawaii; the four principal possessions, Puerto Rico (a commonwealth), Virgin Islands, Guam, and American Samoa; and the Canal Zone. The circumstances under which these areas were acquired by or came under the jurisdiction of the United States are as follows:

**Alaska.**—Alaska was acquired by purchase from Russia in 1867 and was organized as a Territory in 1912.

**Hawaii.**—Hawaii, by voluntary action, ceded its sovereignty to the United States in 1898 and was organized as a Territory on June 14, 1900.

**Puerto Rico.**—The island of Puerto Rico was formally surrendered by Spain to the United States in October 1898, and was ceded to the United States, together with a few adjacent islands, by the Treaty of Paris, signed December 10, 1898, and ratified in the following year. Puerto Rico acquired the status of a commonwealth on July 25, 1952.

**Virgin Islands of the United States.**—The Virgin Islands, formerly known as the Danish West Indies, were acquired by the United States by purchase from Denmark in 1917, the formal transfer of possession having taken place on March 31 of that year.

**Guam.**—The island of Guam was ceded by Spain to the United States under the terms of the Treaty of Paris, signed December 10, 1898, and ratified in the following year.

**American Samoa.**—American Samoa was acquired by the United States in accordance with a convention between the United States, Great Britain, and Germany, signed December 2, 1899, ratified February 16, 1900, and proclaimed by the President of the United States on the latter date.

**Canal Zone.**—The use, occupation, and control of the Canal Zone were granted to the United States under the terms of a treaty with the Republic of Panama, signed November 18, 1903, and ratified in the following year.

For a brief summary of the territorial development of the United States, see tables 1 and 3, in section 1.

**Material in other sections.**—In addition to the statistics presented in this section there are a number of tables on Territories and possessions appearing in other sections of this volume. Thus, statistics on the Alaska Railroad are presented in section 21, Transportation, Air and Land; statistics on cane sugar production in Hawaii and Puerto Rico are given in section 25, Agriculture—Production and Related Subjects; and data on the Panama Canal are presented in section 22, Waterways, Water Traffic, and Shipping. In addition, other data are included as integral parts of several tables showing distribution by States in various sections of the volume.

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Note.—This section presents data for the most recent year or period available on June 10, 1955, when the material was organized and sent to the printer.

**Population, Housing, and Agriculture Censuses.**—Due to the difference in the population and housing characteristics and the variation in agricultural products between the Territories and possessions, the collection and presentation of data from the 1950 Censuses varies slightly between areas. The tables in this section attempt to take into account these differences and give, as nearly as possible, comparable data between the areas. For definition and explanation of terms see section 1, Area and Population; section 29, Construction and Housing; section 24, Agriculture—General Statistics; and section 25, Agriculture—Production and Related Subjects. For detailed treatment of the Territories and possessions, see the original sources.

**Commerce.**—Statistics on commerce are published by the Bureau of the Census in the *Quarterly Summary of Foreign Commerce of the United States*. The tables in this section present the total foreign trade of each of the U. S. Territories and possessions; figures on trade with the United States separately are also presented for certain of the possessions. The trade with foreign countries represents exports and imports through the respective territorial Customs Districts and does not necessarily represent exports of commodities originating within the designated territory nor imports for direct consumption within the territory. For basis of dollar values, see text, p. 885.

In section 32, Foreign Commerce, the Virgin Islands is treated as a foreign country prior to 1935. On the other hand, Alaska, Hawaii, and Puerto Rico, and for 1935–39, the Virgin Islands, are treated as integral parts of the United States. Neither trade of American Samoa and Guam with foreign countries nor shipments between them and the United States are included in the general tables on foreign trade.



**No. 1132.—POPULATION AND CHARACTERISTICS—SUMMARY FOR ALASKA, HAWAII, PUERTO RICO, VIRGIN ISLANDS, GUAM, AMERICAN SAMOA, AND CANAL ZONE: 1930 TO 1950**

ITEM	Alaska	Hawaii <sup>1</sup>	Puerto Rico	Virgin Islands	Guam	American Samoa	Canal Zone
<b>AREA AND POPULATION</b>							
Land area, 1950.....sq. mi.	571,065	6,407	3,423	132	203	76	362
Population:							
1930.....	<sup>2</sup> 59,278	<sup>3</sup> 368,336	1,543,913	22,012	18,509	10,055	39,467
1940.....	<sup>2</sup> 72,524	<sup>3</sup> 423,330	1,869,255	24,889	22,290	12,908	51,827
1950.....	128,643	499,794	2,210,703	26,665	59,498	18,937	52,822
Per square mile.....	<sup>4</sup> 23	78	646	202	293	249	146
Percent increase, 1940 to 1950.....	77.4	18.1	18.3	7.1	166.9	46.7	1.9
Urban <sup>5</sup> .....	34,262	344,869	894,813	15,581			
Rural <sup>5</sup> .....	94,381	154,925	1,315,890	11,084			
Male.....	79,472	273,895	1,110,946	13,075	40,485	9,818	30,729
Female.....	49,171	225,899	1,099,757	13,590	19,013	9,119	22,093
Married couples.....	23,317	88,510	254,779	2,644	6,455	2,556	10,281
Households, number.....	31,047	112,095	429,429	7,742	7,373	2,687	11,507
Population in households.....	100,779	463,230	2,177,898	25,854	36,816	18,033	42,536
Population per household.....	3.25	4.13	5.07	3.34	4.99	6.71	3.70
Quasi households, population.....	27,864	36,564	32,805	811	22,682	904	10,286
<b>MARITAL STATUS, 1950</b>							
Persons 14 years old and over.....	96,008	351,389	1,301,130	16,789	44,133	10,596	38,595
Male.....	62,775	197,874	<sup>6</sup> 649,414	<sup>8</sup> 8,118	32,572	5,428	23,433
Single.....	27,289	81,921	264,854	3,538	17,952	2,373	10,428
Married.....	30,380	103,470	274,597	3,309	12,932	2,872	12,097
Widowed or divorced.....	5,106	12,483	27,531	416	1,688	183	908
Female.....	33,233	153,515	<sup>6</sup> 651,716	<sup>8</sup> 8,671	11,561	5,168	15,162
Single.....	5,570	43,447	193,897	3,373	3,644	1,608	3,301
Married.....	24,441	94,521	282,078	3,318	6,826	2,951	10,898
Widowed or divorced.....	3,222	15,547	83,750	1,105	1,091	609	963
<b>LABOR FORCE, 1950</b>							
Total labor force.....	67,311	207,971	597,467	9,021	(7)	(7)	24,900
Civilian labor force.....	46,969	185,115	591,909	8,809	(7)	(7)	15,255
Male.....	34,801	134,531	453,483	5,954	(7)	(7)	11,302
Employed.....	31,240	120,986	428,934	5,648	<sup>8</sup> 15,584	<sup>8</sup> 3,674	10,894
Unemployed.....	3,561	13,545	24,549	306	(7)	(7)	408
Female.....	12,168	50,584	138,426	2,855	(7)	(7)	3,953
Employed.....	11,149	46,602	131,337	2,621	<sup>8</sup> 3,087	<sup>8</sup> 1,976	3,564
Unemployed.....	1,019	3,982	7,089	234	(7)	(7)	389
Employed persons by industry group.....	42,389	167,588	560,271	8,269	<sup>8</sup> 18,671	<sup>8</sup> 5,650	14,458
Agriculture, forestry, and fisheries.....	5,626	31,789	215,978	1,661	1,189	(7)	(7)
Mining.....	1,338	168	1,481		38	(7)	(7)
Construction.....	5,635	11,662	27,019	939	6,269	(7)	(7)
Manufacturing.....	3,957	21,292	92,564	464	401	(7)	(7)
Transportation, communication, and other public utilities.....	5,413	13,179	31,078	613	2,750	(7)	(7)
Wholesale and retail trade.....	5,430	31,650	68,249	1,088	1,837	(7)	(7)
Finance, insurance, and real estate.....	540	3,951	3,501	97	85	(7)	(7)
Business and repair services.....	708	4,123	6,545	119	362	(7)	(7)
Personal services.....	1,720	10,883	43,232	1,436	998	(7)	(7)
Entertainment and recreation services.....	351	2,712	4,472	54	68	(7)	(7)
Professional and related services.....	3,052	16,722	34,012	767	943	(7)	(7)
Public administration.....	7,193	18,438	24,642	803	3,556	(7)	(7)
Industry not reported.....	1,426	1,019	7,498	228	175	(7)	(7)
<b>INCOME IN 1949 OF PERSONS 14 YEARS OLD AND OVER, 1950<sup>9</sup></b>							
Persons 14 years old and over.....	96,008	<sup>9</sup> 153,690	1,301,130	16,789	44,133	10,596	38,595
Number reporting income.....	<sup>10</sup> 86,069	148,835	<sup>11</sup> 1,279,981	<sup>12</sup> 16,078	(7)	(7)	(7)
Under \$300.....			277,186	3,573	(7)	(7)	(7)
\$300 to \$499.....	8,334	16,730	108,295	1,670	(7)	(7)	(7)
\$500 to \$699.....			59,887	1,176	(7)	(7)	(7)
\$700 to \$999.....	8,387	7,815	58,212	1,061	(7)	(7)	(7)
\$1,000 to \$1,499.....			66,891	971	(7)	(7)	(7)
\$1,500 to \$1,999.....	16,705	14,470	27,708	458	(7)	(7)	(7)
\$2,000 to \$2,499.....		12,680	13,333	267	(7)	(7)	(7)
\$2,500 to \$2,999.....	8,577	31,220	6,221	151	(7)	(7)	(7)
\$3,000 to \$3,999.....	8,409	23,600	9,179	194	(7)	(7)	(7)
\$4,000 to \$4,999.....	6,517	13,215	3,991	98	(7)	(7)	(7)
\$5,000 to \$6,999.....	7,839	15,025			(7)	(7)	(7)
\$7,000 and over.....	3,312	14,080	7,570	202	(7)	(7)	(7)
Income not reported.....	9,939	4,855	21,149	711	(7)	(7)	(7)
Median income.....dollars.....	<sup>13</sup> 2,072	2,728	<sup>13</sup> 378	460	(7)	(7)	(7)

See footnotes at end of table.

No. 1132.—POPULATION AND CHARACTERISTICS—SUMMARY FOR ALASKA, HAWAII, PUERTO RICO, VIRGIN ISLANDS, GUAM, AMERICAN SAMOA, AND CANAL ZONE: 1930 TO 1950—Continued

ITEM	Alaska	Hawaii <sup>1</sup>	Puerto Rico	Virgin Islands	Guam	American Samoa	Canal Zone
SCHOOL ENROLLMENT, 1950							
Persons enrolled in school, 5 to 29 years old	18,517	109,970	416,206	7,034	(?)	(?)	(?)
5 and 6 years	1,260	8,170	10,435	959	238	380	733
7 to 13 years	11,122	59,185	279,019	4,288	5,779	3,065	5,094
14 to 17 years	4,531	29,500	84,685	1,485	2,567	1,388	1,998
18 and 19 years	759	7,050	18,051	201	4	448	517
20 to 24 years	598	4,310	13,373	61	9	376	280
25 to 29 years	247	1,755	10,643	40	(?)	(?)	(?)
YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, 1950							
Total persons, 25 years old and over	66,576	247,480	842,266	12,296	24,853	6,383	26,893
Years of school completed:							
None: Male	2,293	16,460	120,340	378	966	504	351
Female	1,989	9,725	160,345	353	850	874	186
1 to 4 years:							
Male	2,681	20,940	140,332	1,286	3,102	613	1,113
Female	1,632	11,945	125,439	1,416	2,378	831	823
5 to 8 years:							
Male	11,023	38,595	106,502	2,832	4,387	1,684	5,297
Female	4,637	33,210	88,558	3,465	1,502	1,207	3,955
High school: <sup>14</sup>							
Male	16,999	47,845	42,082	808	6,248	185	5,197
Female	10,687	37,665	27,757	788	1,893	65	4,154
College or more: <sup>14</sup>							
Male	7,526	14,270	15,405	348	2,172	101	2,349
Female	5,541	13,515	13,198	248	1,084	48	2,053
Median school years completed	11.3	8.7	3.7	6.2	8.4	5.3	9.9

<sup>1</sup> Data for married couples, income of families and unrelated individuals, school enrollment and years of school completed based on 20-percent sample.

<sup>2</sup> Censuses taken in 1929 and 1939.

<sup>3</sup> Includes population (36 in 1930; 560 in 1940) for areas enumerated with, but which do not form part of Territory of Hawaii. <sup>4</sup> Per 100 square miles.

<sup>5</sup> Urban population is that living in cities, towns, or villages of 2,500 or more. The remainder is classified as rural. <sup>6</sup> Includes consensually married. <sup>7</sup> Not available.

<sup>8</sup> Worked as civilians in 1949.

<sup>9</sup> For Hawaii, income is for families and unrelated individuals.

<sup>10</sup> Includes 17,989 persons with no income.

<sup>12</sup> Includes 6,257 persons with no income.

<sup>13</sup> Median computed on basis of those persons reporting income greater than zero, excludes those reporting no income. <sup>14</sup> Represents persons completing 1 or more years.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Parts 51-54 (as corrected).

No. 1133.—ESTIMATED POPULATION OF ALASKA, HAWAII, PUERTO RICO, VIRGIN ISLANDS, AND CANAL ZONE: 1940 TO 1954

[As of July 1. Total population estimates include estimates of Armed Forces stationed in area]

YEAR	ALASKA		HAWAII		PUERTO RICO		VIRGIN ISLANDS		CANAL ZONE	
	Total	Civilian	Total	Civilian	Total	Civilian	Total	Civilian	Total	Civilian
1940	75,000	74,000	428,000	398,000	1,880,000	1,876,000	25,000	24,900	57,000	30,500
1941	88,000	80,000	459,000	411,000	1,935,000	1,912,000	25,800	25,400	83,800	42,300
1942	141,000	81,000	582,000	446,000	1,987,000	1,952,000	26,100	24,800	121,500	55,500
1943	233,000	81,000	650,000	450,000	2,033,000	1,995,000	27,400	24,900	126,200	57,400
1944	185,000	81,000	859,000	452,000	2,062,000	2,034,000	27,100	26,200	98,900	47,000
1945	139,000	79,000	815,000	460,000	2,099,000	2,068,000	26,700	26,300	87,800	45,600
1946	99,000	80,000	545,000	480,000	2,141,000	2,125,000	27,100	27,000	66,800	48,100
1947	108,000	83,000	526,000	488,000	2,162,000	2,154,000	27,200	27,100	64,600	47,400
1948	120,000	93,000	517,000	484,000	2,187,000	2,178,000	26,900	26,900	63,800	47,200
1949	130,000	100,000	511,000	480,000	2,197,000	2,188,000	26,700	26,700	61,100	45,600
1950	137,000	111,000	491,000	470,000	2,207,000	2,202,000	27,000	27,000	53,000	42,000
1951	161,000	123,000	514,000	470,000	2,233,000	2,214,000	25,000	25,000	56,000	42,000
1952	191,000	141,000	522,000	467,000	2,240,000	2,214,000	24,000	24,000	58,000	42,000
1953	205,000	155,000	523,000	475,000	2,229,000	2,201,000	25,000	25,000	57,000	42,000
1954	(1)	171,000	(1)	484,000	(1)	2,221,000	(1)	22,000	(1)	42,000

<sup>1</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25.



**No. 1134.—POPULATION, BY AGE AND SEX, OF ALASKA, HAWAII, PUERTO RICO, GUAM, AND VIRGIN ISLANDS: 1930 TO 1950**

AGE	ALASKA					HAWAII				
	1929	1939	1950			1930	1940	1950		
			Total	Male	Female			Total	Male	Female
<b>Total, all ages</b> .....	<b>1 59,278</b>	<b>1 72,524</b>	<b>128,643</b>	<b>79,472</b>	<b>49,171</b>	<b>1 368,336</b>	<b>1 423,330</b>	<b>499,794</b>	<b>273,895</b>	<b>225,899</b>
Under 9 years.....	12,434	14,410	26,223	13,358	12,865	95,299	83,516	115,785	59,443	56,342
10 to 19 years.....	9,830	11,707	18,673	11,602	7,071	71,532	95,832	84,260	43,869	40,391
20 to 29 years.....	8,430	13,046	31,178	21,342	9,836	79,438	93,406	100,040	53,506	46,534
30 to 39 years.....	8,221	11,052	23,005	14,049	8,956	49,725	62,275	80,417	45,787	34,630
40 to 49 years.....	8,496	8,086	14,122	8,708	5,414	34,393	39,598	53,889	33,268	20,621
50 to 59 years.....	6,548	7,303	7,965	5,195	2,770	23,383	26,244	32,831	18,149	14,682
60 to 69 years.....	3,744	4,601	4,861	3,378	1,483	10,683	16,055	20,581	12,470	8,111
70 years and over.....	1,436	2,068	2,616	1,840	776	3,780	6,249	11,991	7,403	4,588
Median age.....	28.7	27.8	25.8	26.1	25.3	22.0	23.2	24.9	26.2	23.6

AGE	PUERTO RICO					GUAM			VIRGIN ISLANDS		
	1930	1940	1950			1930	1940	1950	1930	1940	1950
			Total	Male	Female						
<b>Total, all ages</b> .....	<b>1,543,913</b>	<b>1,869,255</b>	<b>2,210,703</b>	<b>1,110,946</b>	<b>1,099,757</b>	<b>18,509</b>	<b>22,290</b>	<b>59,498</b>	<b>22,012</b>	<b>24,889</b>	<b>26,665</b>
Under 9 years.....	450,490	532,092	684,549	346,382	338,167	5,618	7,007	12,021	4,743	5,608	7,551
10 to 19 years.....	385,487	433,246	490,958	247,590	243,368	4,084	5,055	11,246	4,174	4,753	5,102
20 to 29 years.....	249,116	354,334	350,922	167,424	183,498	3,326	3,589	18,653	2,962	4,214	3,526
30 to 34 years.....	94,709	102,596	131,737	66,583	65,154	1,188	1,455	5,452	1,239	1,509	1,697
35 to 44 years.....	164,904	187,110	224,346	114,907	109,439	1,794	2,149	6,805	2,731	2,510	2,746
45 to 54 years.....	103,163	125,993	146,982	76,460	70,522	1,181	1,411	3,230	2,721	2,446	2,202
55 to 64 years.....	56,418	69,831	95,631	50,634	44,997	850	936	1,293	1,783	2,056	1,830
65 to 74 years.....	25,828	41,905	54,587	27,334	27,253	366	501	550	1,120	1,213	1,378
75 years and over.....	13,576	21,201	30,991	13,632	17,359	102	174	248	535	561	633
Median age.....	18.3	19.2	18.4	18.2	18.6	18.8	17.9	22.8	-----	24.6	22.0

<sup>1</sup> Includes age not reported.

Source: Department of Commerce, Bureau of the Census, *U. S. Census of Population: 1950*, Vol. II, Parts 51-54.

**No. 1135.—POPULATION BY RACE, NATIVITY, AND SEX, WITH MALES PER 100 FEMALES, FOR ALASKA, HAWAII, AND PUERTO RICO: 1930 TO 1950**

NATIVITY AND RACE	1930		1940		1950		MALES PER 100 FEMALES		
	Male	Female	Male	Female	Male	Female	1930	1940	1950
<b>Alaska, total</b> <sup>1</sup> .....	<b>35,764</b>	<b>23,514</b>	<b>43,003</b>	<b>29,521</b>	<b>79,472</b>	<b>49,171</b>	<b>152.1</b>	<b>145.7</b>	<b>161.6</b>
White.....	19,904	8,736	25,595	13,575	60,390	32,418	227.8	188.5	186.3
Native.....	11,515	6,945	18,651	11,733	55,846	30,486	165.8	159.0	183.2
Foreign born.....	8,389	1,791	6,944	1,842	4,544	1,932	468.4	377.0	235.2
Aboriginal stock.....	15,359	14,624	16,790	15,668	17,548	16,315	105.0	107.2	107.6
Aleut.....	(2)	(2)	2,968	2,631	2,110	1,782	(2)	112.8	118.4
Eskimo.....			8,034	7,542	8,200	7,682		106.5	106.7
Indian.....			5,788	5,495	7,238	6,851		105.3	105.6
Other races.....	501	154	618	278	1,534	438	325.3	223.3	350.2
<b>Hawaii, total</b> .....	<b>222,640</b>	<b>145,696</b>	<b>245,135</b>	<b>178,195</b>	<b>273,895</b>	<b>225,899</b>	<b>152.8</b>	<b>137.6</b>	<b>121.2</b>
Native.....	180,627	119,172	214,645	156,072	221,553	201,621	151.6	137.5	109.9
Foreign born.....	42,013	26,524	30,490	22,123	52,342	24,278	158.4	137.8	215.6
Hawaiian.....	25,353	25,507	32,063	32,247	42,785	43,306	99.4	99.4	98.8
Caucasian.....	48,706	31,667	64,473	39,318	65,409	49,384	153.8	164.0	132.4
Chinese.....	16,561	10,618	16,131	12,643	17,044	15,332	156.0	127.6	111.2
Filipino.....	52,566	10,486	40,791	11,778	43,557	17,514	501.3	346.3	248.7
Japanese.....	75,008	64,623	82,820	75,085	93,250	91,361	116.1	110.3	102.1
Other races.....	4,446	2,795	8,857	7,124	11,850	9,002	159.1	124.3	131.6
<b>Puerto Rico, total</b> .....	<b>771,761</b>	<b>772,152</b>	<b>938,280</b>	<b>930,975</b>	<b>1,110,946</b>	<b>1,099,757</b>	<b>99.9</b>	<b>100.8</b>	<b>101.0</b>
Native.....	767,683	770,213	935,088	929,128	1,106,176	1,096,074	99.7	100.6	100.9
Foreign born.....	4,078	1,939	3,192	1,847	4,770	3,683	210.3	127.8	129.5
White.....	574,369	572,350	718,398	712,346	883,602	878,809	100.4	100.8	100.5
Negro.....	197,392	199,802	219,882	218,629	226,293	220,655	98.8	100.6	102.6
Other races.....					1,051	293	-----	-----	358.7

<sup>1</sup> Censuses taken in 1929 and 1939.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1950*, Vol. II, Parts 51-53.

**No. 1136.—BIRTHS, DEATHS, MARRIAGES, AND DIVORCES, IN ALASKA, 1945 TO 1953, AND IN HAWAII, PUERTO RICO, AND THE VIRGIN ISLANDS, 1940 TO 1953**

[By place of occurrence. Rates for 1940 and 1950 based on population enumerated as of April 1, for all other years estimated as of July 1]

TERRITORY OR POSSESSION AND YEAR	BIRTHS		DEATHS		DEATHS UNDER 1 YEAR		MARRIAGES		DIVORCES <sup>3</sup>	
	Number	Rate per 1,000 population <sup>1</sup>	Number	Rate per 1,000 population <sup>2</sup>	Number	Rate per 1,000 live births	Number	Rate per 1,000 population <sup>2</sup>	Number	Rate per 1,000 population <sup>1</sup>
<b>Alaska:</b>										
1945.....	1,829	23.2	1,213	8.7	138	75.5	1,306	9.4	<sup>4</sup> 307	<sup>4</sup> 3.9
1949.....	3,527	27.1	1,182	9.1	168	47.6	1,435	11.0	<sup>4</sup> 412	<sup>4</sup> 3.2
1950.....	3,725	29.0	1,253	9.7	193	51.8	1,722	13.4	451	3.5
1951.....	4,495	27.9	1,365	8.5	238	52.9	1,826	11.3	486	3.0
1952.....	5,755	30.1	1,264	6.6	229	39.8	2,006	10.5	454	2.4
1953.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	1,842	9.0	566	2.8
<b>Hawaii:</b>										
1940.....	9,414	22.2	3,089	7.3	421	44.7	5,355	12.6	946	2.2
1945.....	12,305	26.8	3,396	4.2	336	27.3	4,978	6.1	1,530	3.3
1949.....	14,150	27.7	3,020	5.9	358	25.3	5,316	10.4	1,052	2.1
1950.....	14,054	28.1	2,919	5.8	337	24.0	5,575	11.2	1,173	2.3
1951.....	<sup>6</sup> 14,446	<sup>6</sup> 28.1	2,877	5.6	343	23.7	5,860	11.4	<sup>7</sup> 612	<sup>7</sup> 2.4
1952.....	<sup>6</sup> 15,576	<sup>6</sup> 29.8	2,887	5.5	331	21.3	5,743	11.0	1,300	2.5
1953 <sup>8</sup> .....	16,124	30.8	2,908	5.6	335	20.8	5,633	10.8	1,287	2.5
<b>Puerto Rico:</b>										
1940.....	( <sup>3</sup> )	( <sup>5</sup> )	34,468	18.4	8,221	( <sup>5</sup> )	19,457	10.4	<sup>4</sup> 2,600	<sup>4</sup> 1.4
1945.....	86,680	41.9	28,837	13.7	8,064	93.0	17,490	8.3	<sup>4</sup> 3,247	<sup>4</sup> 1.6
1949.....	85,625	39.0	23,389	10.6	5,797	67.7	16,156	7.4	<sup>4</sup> 3,409	<sup>4</sup> 1.6
1950.....	86,038	38.9	21,895	9.9	5,807	67.5	20,532	9.3	3,591	1.6
1951.....	<sup>6</sup> 84,076	<sup>6</sup> 37.7	22,374	10.0	5,638	67.1	18,140	8.1	3,676	1.6
1952.....	<sup>6</sup> 80,438	<sup>6</sup> 35.9	20,480	9.1	5,342	66.4	18,288	8.2	<sup>4</sup> 4,173	<sup>4</sup> 1.9
<b>Virgin Islands:</b>										
1940.....	756	30.4	553	22.2	103	136.2	<sup>9</sup> 122	<sup>9</sup> 4.9	( <sup>5</sup> )	( <sup>5</sup> )
1945.....	984	37.4	401	15.0	122	124.0	<sup>9</sup> 238	<sup>9</sup> 8.9	52	2.0
1949.....	886	33.2	362	13.6	80	90.3	<sup>9</sup> 194	<sup>9</sup> 7.3	181	6.8
1950.....	894	33.5	374	14.0	51	57.0	138	5.2	271	10.2
1951.....	953	38.1	375	15.0	55	57.7	225	9.0	312	12.5
1952.....	862	35.9	346	14.4	46	53.4	237	9.9	343	14.3
1953.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	247	9.9	236	9.4

<sup>1</sup> 1945 based on civilian population in area; other years based on total population present in area.

<sup>2</sup> Based on total population present in area.

<sup>3</sup> Includes reported annulments except as otherwise indicated.

<sup>4</sup> Excludes annulments.

<sup>5</sup> Not available.

<sup>6</sup> Based on a 50-percent sample. <sup>7</sup> Data for 6 months only, July through December. Registration of divorces and annulments required by law, effective July 1, 1951.

<sup>8</sup> Data for 6 months only, July through December. Registration of divorces and annulments required by law, effective July 1, 1951. <sup>9</sup> Provisional.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

**No. 1137.—HOUSING CHARACTERISTICS—SUMMARY FOR ALASKA, HAWAII, PUERTO RICO, AND VIRGIN ISLANDS: 1950**

SUBJECT	Alaska	Hawaii	Puerto Rico	Virgin Islands
<b>ALL DWELLING UNITS</b>				
Number of dwelling units.....	33,072	120,606	453,572	8,370
Median number of rooms per unit.....	( <sup>1</sup> )	( <sup>1</sup> )	3.2	1.9
Percent of dwelling units:				
In one-dwelling-unit detached structures.....	77.1	71.9	83.0	64.5
In structures built in 1940 or later.....	48.0	30.6	50.6	14.9
With running water, private toilet and bath, not dilapidated.....	48.6	58.6	<sup>2</sup> 15.1	( <sup>1</sup> )
With flush toilet inside structure, exclusive use.....	54.8	78.1	16.7	13.1
With installed bathtub or shower, exclusive use.....	52.8	80.6	25.6	12.6
Vacant, available <sup>3</sup> .....	2.8	2.4	1.0	2.5
Using wood as exterior material.....	89.8	93.1	78.3	70.2
With electric lights.....	77.9	96.7	49.1	52.6
<b>OCCUPIED DWELLING UNITS</b>				
Number of occupied dwelling units.....	30,329	112,290	431,300	7,765
Owner occupied.....	16,537	37,025	282,172	2,177
Renter occupied.....	13,792	75,265	149,128	5,588
Median number of persons per unit.....	2.8	3.8	4.7	2.5
Percent of occupied dwelling units:				
In one-dwelling-unit detached structures.....	76.1	71.8	82.9	64.0
With 1.51 or more persons per room.....	22.8	11.8	43.7	35.8
Median value (owner-occupied units) <sup>4</sup> .....	\$3,477	\$12,283	\$667	\$1,317
Median contract monthly rent (renter-occupied units) <sup>5</sup> .....	\$59.24	\$32.34	\$10.01	\$4.88

<sup>1</sup> Not available. <sup>2</sup> With running water from municipal water system.

<sup>3</sup> Represents not dilapidated, for rent or sale.

<sup>4</sup> Represents nonfarm units, except in Hawaii where farm is also included; restricted to 1-dwelling-unit structures, including land. <sup>5</sup> Represents nonfarm units, except in Hawaii where farm is also included.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*; Vol. I; Parts 51-54.



**No. 1138.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY, FOR TERRITORIES, POSSESSIONS, AND OTHER AREAS: 1952**

[For related data, based on the Biennial Survey of Education, see tables 136-139, pp. 118-121]

ITEM	Alaska	Hawaii	Puerto Rico	Virgin Islands	Guam	American Samoa	Canal Zone
Population <sup>1</sup> .....1,000.....	161	514	2,233	25	2 59	2 19	56
Enrollment.....do.....	20	95	458	5	9	4	11
Elementary <sup>3</sup> .....do.....	17	72	402	5	8	4	7
Secondary <sup>4</sup> .....do.....	3	23	55	1	1	( <sup>5</sup> )	3
High-school graduates.....1,000.....	0.4	4.9	7.1	0.1	0.1	-----	0.5
Average daily attendance.....do.....	14	90	405	5	8	-----	9
As percent of enrollment.....do.....	73.1	94.3	88.5	92.7	93.8	-----	86.2
Average length of term in days.....do.....	170.1	178.3	192.0	182.0	181.3	-----	188.5
Average number of days attended per enrollee.....do.....	124.3	168.2	169.9	168.8	170.0	-----	162.5
Instructional staff.....do.....	735	3,629	9,785	189	313	-----	371
Supervisors.....do.....	-----	42	103	10	3	-----	8
Principals.....do.....	13	163	431	6	3	-----	19
Teachers.....do.....	722	3,424	9,251	173	307	-----	344
Men.....do.....	182	607	1,833	41	52	-----	102
Women.....do.....	540	2,817	7,418	132	255	-----	242
Salaries: Supervisors, principals, and teachers.....\$1,000.....	2,909	13,094	17,556	281	964	-----	1,436
Average salary.....dollars.....	3,958	3,608	1,794	1,487	3,079	-----	3,870
Total expenditures.....\$1,000.....	5,881	21,110	32,929	627	1,283	-----	1,960
Current expenditures <sup>6</sup> .....do.....	4,664	20,229	31,708	598	1,209	-----	1,923
Per pupil <sup>7</sup> .....dollars.....	322.51	225.23	78.31	122.26	143.79	-----	211.48
Capital outlay <sup>6</sup> .....\$1,000.....	1,218	652	785	-----	59	-----	13
Per pupil <sup>7</sup> .....dollars.....	84.20	7.26	1.94	-----	7.05	-----	1.42
Expenditures for adult and summer schools.....\$1,000.....	-----	229	348	-----	-----	-----	24
Current expenditures not allocable.....\$1,000.....	-----	-----	88	29	15	-----	-----

<sup>1</sup> As of July 1, 1951.

<sup>2</sup> As of April 1, 1950.

<sup>3</sup> Kindergarten to grade eight, inclusive.

<sup>4</sup> Ninth grade to post-graduate, inclusive.

<sup>5</sup> Less than 500.

<sup>6</sup> Allocable to public day-school pupils.

<sup>7</sup> In average daily attendance.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education*, chapter on Statistics of State School Systems.

# No. 1139.—FARMS AND FARM PROPERTY—SUMMARY FOR ALASKA, HAWAII, PUERTO RICO, VIRGIN ISLANDS, GUAM, AND AMERICAN SAMOA

[Figures are as of April 1, except 1939 figures for Alaska, as of October 1]

ITEM	ALASKA		HAWAII		PUERTO RICO		
	1939	1950	1940	1950	1930	1940	1950
<b>Number of farms, total</b> .....	623	525	4,995	5,750	52,965	55,519	53,515
Operated by owners.....	471	495	1,345	2,335	43,101	42,990	50,184
Full owners.....	397	445	956	1,638	40,480	40,622	47,821
Part owners.....	74	50	389	697	2,621	2,368	2,363
Operated by managers.....	27	10	123	109	3,374	1,303	421
Operated by tenants.....	125	20	3,527	3,306	6,490	11,226	2,910
<b>Land in farms, total</b> <sup>1</sup> .....	1,775,752	421,799	2,485,648	2,432,069	1,979,474	1,885,874	1,844,886
Operated by owners.....	51,566	62,510	490,396	493,212	1,166,976	1,072,144	1,378,626
Full owners.....	43,522	53,105	41,966	85,460	1,040,161	931,931	1,174,157
Part owners.....	8,044	9,405	448,430	407,752	126,815	140,213	204,469
Operated by managers.....	526,619	157,152	1,882,113	1,897,242	676,760	573,699	340,194
Operated by tenants.....	1,197,567	202,137	113,139	41,615	135,738	240,031	126,066
Number of farms, by size: <sup>1</sup>							
Under 10 acres or cuerdas.....	75	58	2,870	3,558	26,520	29,370	27,985
10 to 19 acres or cuerdas.....	24	19	952	979	11,067	11,288	10,538
20 to 49 acres or cuerdas.....	86	58	739	690	8,835	8,575	8,687
50 to 99 acres or cuerdas.....	117	81	163	193	3,351	3,200	3,166
100 to 174 acres or cuerdas.....	190	231	60	105	1,570	1,504	1,440
175 to 259 acres or cuerdas.....	26	32	40	41	674	646	627
260 to 499 acres or cuerdas.....	45	32	36		581	594	
500 acres or cuerdas and over.....	60	14	135	184	367	342	1,072
Land in farms, by size of farm: <sup>1</sup>							
Under 10 acres or cuerdas.....	307	245	11,344	13,184	131,432	145,438	143,008
10 to 19 acres or cuerdas.....	306	242	12,892	13,033	147,503	151,510	144,449
20 to 49 acres or cuerdas.....	3,288	2,185	23,030	20,533	264,712	258,563	263,720
50 to 99 acres or cuerdas.....	8,403	6,047	11,228	13,061	226,464	215,540	216,148
100 to 174 acres or cuerdas.....	28,295	34,000	7,579	13,683	201,928	191,678	186,539
175 to 259 acres or cuerdas.....	5,459	6,721	8,475	8,688	143,884	135,568	133,055
260 to 499 acres or cuerdas.....	15,041	10,455	12,955		196,061	206,789	
500 acres or cuerdas and over.....	1,714,653	361,904	2,398,145	2,349,887	667,490	580,788	757,967
Value of farm property (\$1,000):							
Land and buildings.....	3,841	6,544	112,788	195,277	182,112	173,863	(2)
Buildings.....	2,140	(2)	17,829	(2)	16,948	16,556	(2)
Implements and machinery.....	377	(2)	13,805	(2)	4,617	8,445	(2)

ITEM	VIRGIN ISLANDS		GUAM	
	1940	1950	1940	1950
<b>Number of farms, total</b> .....	828	755	2,529	2,262
Operated by owners.....	540	573	1,209	901
Full owners.....	498	540	(2)	(2)
Part owners.....	42	33	(2)	(2)
Operated by managers.....	58	36		
Operated by tenants.....	230	146		
Operated by lessees, renters, and borrowers (squatters).....				
<b>Land in farms, total</b> <sup>1</sup> .....	55,219	63,753	1,320	1,361
Operated by owners.....	24,107	41,633	26,264	10,025
Full owners.....	22,623	37,039	15,094	5,405
Part owners.....	1,484	4,594	(2)	(2)
Operated by managers.....	24,782	17,813		
Operated by tenants.....	6,330	4,307		
Operated by lessees, renters, and borrowers (squatters).....				
Number of farms, by size:			11,170	4,620
Under 10 acres or hectares.....	504	364	(2)	
10 to 19 acres or hectares.....	145	140	(2)	2,072
20 to 49 acres or hectares.....	53	94	(2)	119
50 to 499 acres or hectares.....	96	126	(2)	55
500 acres or hectares and over.....	30	31	(2)	16
Land in farms, by size of farm: <sup>1</sup>				
Under 10 acres or hectares.....	2,764	1,723	(2)	3,675
10 to 19 acres or hectares.....	1,816	1,844	(2)	1,535
20 to 49 acres or hectares.....	1,526	2,858	(2)	1,599
50 to 499 acres or hectares.....	20,092	24,096	(2)	
500 acres or hectares and over.....	29,021	33,232	(2)	3,216
Value of farm property (\$1,000):				
Land and buildings.....	2,399	6,493	(2)	(2)
Buildings.....	771	(2)	(2)	(2)
Implements and machinery.....	113	(2)	(2)	(2)

ITEM	AMERICAN SAMOA	
	1940	1950
Number of farms.....		
Farms operated by owners.....	1,038	1,490
Land in farms (acres).....	709	862
	(2)	14,830

<sup>1</sup> For Alaska, Hawaii, and Virgin Islands, figures are for acres; for Puerto Rico, cuerdas; and for Guam, hectares. A cuerda is equivalent to 0.9712 acre and a hectare to 2.471 acres.

<sup>2</sup> Data not available.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. I, Part 34.



**No. 1140.—DOMESTIC AND OTHER ANIMALS ON FARMS, BY KIND—SUMMARY FOR ALASKA, AMERICAN SAMOA, GUAM, HAWAII, PUERTO RICO, AND VIRGIN ISLANDS**

[Figures are as of April 1, except 1939 figures for Alaska, as of October 1]

CLASS	ALASKA		AMERICAN SAMOA		GUAM	
	1939	1950	1940	1950	1940	1950
Horses and mules.....	496	207	121	170	126	58
Asses and burros.....						
Carabaos.....						
Cattle.....	3,749	2,236	272	233	1,560	679
Milk cows.....	1,217	<sup>1</sup> 1,324	26	75	5,845	2,847
Sheep.....	17,076	6,046	34	15	260	661
Goats.....	280	( <sup>2</sup> )		( <sup>2</sup> )	1,353	( <sup>2</sup> ) 748
Swine.....	959	1,201	8,641	9,080	14,089	7,056
Chickens.....	18,374	20,278	22,908	28,011	209,465	132,781
Fur-bearing animals.....	34,433	<sup>3</sup> 1,378				
Reindeer.....	312,854	( <sup>2</sup> )				

CLASS	HAWAII		PUERTO RICO		VIRGIN ISLANDS	
	1940	1950	1940	1950	1940	1950
Horses.....	<sup>4</sup> 10,044	7,564	33,688	36,390	<sup>4</sup> 954	1,077
Mules.....	<sup>4</sup> 4,491	1,918	{ 4,652 1,547 }	5,419	{ <sup>4</sup> 623 <sup>4</sup> 544 }	268 399
Asses and burros.....						
Carabaos.....						
Cattle.....	<sup>4</sup> 139,078	155,739	299,734	289,339	<sup>4</sup> 8,796	11,355
Milk cows.....	10,952	9,449	89,217	<sup>6</sup> 81,056	2,480	5,331
Sheep.....	<sup>6</sup> 26,207	13,513	3,488	3,121	<sup>6</sup> 819	2,786
Goats.....	<sup>7</sup> 765	379	42,861	39,311	<sup>7</sup> 2,134	3,876
Swine.....	<sup>7</sup> 31,684	65,435	97,306	91,069	<sup>7</sup> 1,124	978
Chickens.....	272,590	472,183	<sup>7</sup> 769,934	<sup>8</sup> 799,353	<sup>7</sup> 8,046	10,074

<sup>1</sup> Cows including heifers that have calved.

<sup>2</sup> Not available.

<sup>3</sup> Females over 3 months old.

<sup>4</sup> Excluding data for animals under 3 months old.

<sup>5</sup> Cows milked.

<sup>6</sup> Excluding data for sheep and lambs under 6 months old.

<sup>7</sup> Excluding data for animals or chickens under 4 months old.

<sup>8</sup> Chicken hens only.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. I, Part 34.

**No. 1141.—PRINCIPAL CROPS, LAND HARVESTED AND PRODUCTION—SUMMARY FOR ALASKA, HAWAII, VIRGIN ISLANDS, PUERTO RICO, GUAM, AND AMERICAN SAMOA**

AREA AND CROP	LAND HARVESTED (acres)		PRODUCTION		
	1939	1949	Unit	Quantity	
				1939	1949
ALASKA					
Barley.....	654	55	Bushel.....	13, 219	661
Oats.....	527	333	do.....	13, 661	11, 616
Potatoes.....	388	1, 030	do.....	41, 887	184, 862
Wheat.....	527	204	do.....	9, 479	5, 263
HAWAII					
	1940	1949		1940	1949
Coffee.....	4, 136	3, 403	Pound.....	8, 546, 783	4, 648, 155
Corn.....	1, 862	752	Hundredweight.....	16, 320	9, 639
Pineapples.....	48, 598	51, 018	Ton.....	614, 484	654, 915
Potatoes, white.....	487	106	Hundredweight.....	19, 916	4, 956
Rice.....	509	170	do.....	19, 018	6, 585
Sugarcane.....	135, 945	108, 298	Ton.....	8, 535, 023	7, 888, 526
Sweetpotatoes and yams.....	180	279	Hundredweight.....	9, 271	12, 177
Taro.....	622	591	do.....	115, 800	104, 897
VIRGIN ISLANDS					
	1939	1949		1939	1949
Sugarcane.....	4, 097	4, 142	Ton.....	42, 641	49, 091
Sweetpotatoes and yams.....	131	137	Pound.....	180, 100	154, 116

No. 1141.—PRINCIPAL CROPS, LAND HARVESTED AND PRODUCTION—SUMMARY FOR ALASKA, HAWAII, VIRGIN ISLANDS, PUERTO RICO, GUAM, AND AMERICAN SAMOA—CON.

AREA AND CROP	LAND HARVESTED OR NUMBER OF TREES OR PLANTS		PRODUCTION		
	1939	1949	Unit	Quantity	
				1939	1949
PUERTO RICO					
	<i>Cuerdas</i>	<i>Cuerdas</i>			
Coffee.....	181, 106	176, 386	Pound.....	32, 652, 044	25, 661, 626
Corn.....	59, 350	39, 497	do.....	36, 811, 000	23, 122, 102
Cotton.....	3, 381	2, 736	do.....	1, 637, 067	1, 175, 677
Dry beans.....	48, 363	19, 962	do.....	19, 248, 800	5, 808, 972
Pigeon peas.....	34, 301	20, 436	do.....	15, 722, 200	6, 938, 152
Rice.....	13, 753	5, 342	do.....	7, 915, 600	2, 480, 080
Sugarcane.....	229, 750	344, 067	Ton.....	7, 237, 717	10, 699, 147
Sweetpotatoes.....	49, 565	23, 818	Pound.....	103, 160, 000	32, 485, 183
Tobacco.....	28, 584	26, 834	do.....	19, 885, 377	22, 254, 266
Taniers (Yautfas).....	22, 080	14, 693	do.....	42, 707, 200	24, 105, 774
Bananas.....	47, 114	44, 241	Bunch.....	16, 014, 474	12, 032, 378
Coconuts.....	12, 961	12, 551	Number.....	21, 776, 289	25, 498, 475
Grapefruit.....	4, 869	2, 701	do.....	24, 829, 531	14, 149, 961
Oranges.....	9, 879	16, 532	do.....	116, 273, 562	178, 934, 691
Pineapples.....	1, 912	3, 553	Tons.....	11, 971	33, 462
Plantains.....	16, 775	15, 125	Number.....	6, 166, 226	100, 401, 070
	1939	1949		1939	1949
GUAM					
	<i>Hectares</i>	<i>Hectares</i>			
Arrowroot.....	38	( <sup>1</sup> )	Pound.....	136, 640	3, 461
Cassava.....	74	4	do.....	472, 657	15, 710
Corn.....	881	279	do.....	2, 033, 528	571, 413
Sweetpotatoes.....	128	22	do.....	756, 415	107, 044
Taro.....	293	77	do.....	( <sup>2</sup> )	280, 742
Yams.....	80	15	do.....	840, 615	87, 283
	<i>Number of trees or plants</i>	<i>Number of trees or plants</i>			
Alligator pears (avocados).....	10, 220	1, 870	Number.....	959, 881	67, 064
Bananas.....	535, 240	142, 222	Bunch.....	301, 264	65, 266
Breadfruit.....	36, 615	12, 405	Number.....	2, 855, 606	371, 589
Coconuts.....	885, 424	241, 816	do.....	20, 849, 546	3, 172, 106
Coffee.....	90, 254	7, 968	Pound.....	42, 686	2, 465
Kapok.....	9, 629	418	do.....	18, 283	1, 131
Lemons.....	11, 270	1, 330	Number.....	868, 684	54, 987
Mangoes.....	4, 602	1, 758	do.....	1, 933, 761	428, 072
Oranges.....	5, 477	860	do.....	365, 073	25, 003
Papayas.....	7, 719	2, 211	do.....	78, 153	10, 504
Pineapples.....	134, 263	35, 603	do.....	87, 025	10, 726
Tangerines.....	3, 951	1, 995	do.....	647, 719	74, 713

AREA AND CROP	FARMS REPORTING		LAND HARVESTED OR NUMBER OF TREES OR PLANTS	
	1939	1949	1939	1949
<b>AMERICAN SAMOA</b>				
Arrowroot.....	<i>Number</i> 690	<i>Number</i> 101	<i>Acres</i> ( <sup>2</sup> )	<i>Acres</i> 20
Sugarcane for thatching.....	( <sup>2</sup> )	537	( <sup>2</sup> )	118
Taro.....	1, 027	1, 430		1, 576
Tobacco.....	197	40		13
Yams.....	542	224		59
Alligator pears (avocados).....			<i>Number of trees or plants</i> 1, 275	<i>Number of trees or plants</i> 924
Bananas.....	348	218	<sup>3</sup> 459, 000	( <sup>2</sup> )
Breadfruits.....	1, 027	( <sup>2</sup> )	<sup>3</sup> 46, 000	637, 408
Coconuts.....	1, 028	( <sup>2</sup> )	<sup>4</sup> 245, 000	( <sup>2</sup> )
Limes.....	559	422	2, 383	2, 304
Mangoes.....	631	445	3, 203	2, 152
Oranges.....	671	605	4, 699	5, 173

<sup>1</sup> Reported in small fractions.<sup>2</sup> Data not available.<sup>3</sup> Estimated in part.<sup>4</sup> Based on estimates supplied by Governor of Samoa.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1950, Vol. I, Part 34.



No. 1142.—MINERAL PRODUCTION IN TERRITORIES, POSSESSIONS, AND OTHER AREAS OF THE UNITED STATES: 1949 TO 1952

AREA AND MINERAL	1949		1950		1951		1952	
	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
<b>Territories, total</b> -----		16,537		19,627		21,295		28,106
Alaska, total-----		15,549		17,852		19,569		26,302
Antimony ore and concentrate								
short tons (gross weight)-----	74	31			301	(1)	420	(1)
Coal-----1,000 short tons-----	434	3,309	412	3,033	494	3,767	686	5,779
Copper (recoverable content of ores, etc.)								
short tons-----	4	2	6	2	1	(2)		
Gold (recoverable content of ores, etc.)								
1,000 troy ounces-----	229	8,030	289	10,125	240	8,387	241	8,419
Lead (recoverable content of ores, etc.)								
short tons-----	51	16	149	40	21	7	1	(2)
Mercury (content of ore)-----76-lb. flasks-----	100	8					28	6
Sand and gravel-----1,000 short tons-----	(1)	(1)	3,050	2,377	6,888	3,739	10,782	8,651
Silver (recoverable content of ores, etc.)								
1,000 troy ounces-----	36	33	53	48	33	30	33	30
Tin (content of ore and concentrate)								
long tons-----	51	115	79	170	69	197	82	221
Tungsten concentrate								
short tons (60-percent WO <sub>3</sub> basis)-----			13	(1)	10	(1)	8	(1)
Zinc (recoverable content of ores, etc.)								
short tons-----	2	(2)	6	2	1	(2)		
Undistributed: Gem stones (1952), platinum-group metals, pumice (1950), stone, and minerals indicated by footnote reference 1-----		4,005		2,055		3,441		3,195
Hawaii, total-----		988		1,775		1,726		1,804
Lime (open market)-----short tons-----	8,404	227	8,141	220	8,740	236	8,894	241
Sand and gravel-----1,000 short tons-----					3	6	1	1
Stone-----do-----	654	719	696	1,555	650	1,337	706	1,545
Undistributed (nonmetallic)-----		43				147		17
<b>Possessions and other areas, total</b> -----		12,783		12,454		13,364		14,751
Canal Zone, total-----		222		98		138		205
Sand and gravel <sup>3 4</sup> -----1,000 short tons-----	39	59	22	15	32	26	57	53
Stone (crushed) <sup>3 4</sup> -----do-----	109	164	53	83	56	112	86	152
Canton: Stone (crushed) <sup>3</sup> -----short tons-----	(5)	(5)	(5)	(5)	360	1	150	(2)
Guam: Stone <sup>3</sup> -----1,000 short tons-----	2,605	5,209	4 1,528	4 3,055	720	675	948	870
Midway: Stone (crushed) <sup>3</sup> -----short tons-----	(5)	(5)	(5)	(5)	(5)	(5)	7,200	6 6
Puerto Rico, total-----		7,336		9,297		12,502		13,610
Cement-----1,000 (376-lb.) barrels-----	2,171	6,109	3,187	8,299	4,298	11,252	3,994	10,518
Iron ore (usable)								
1,000 long tons (gross weight)-----					39	226	139	797
Lime (open market)-----short tons-----	7,347	185	8,166	181	10,350	191	8,575	195
Salt (common)-----1,000 short tons-----	13	77	14	137	11	119	13	122
Sand and gravel-----do-----	(1)	(1)	101	104	100	100	123	164
Stone-----do-----	7 520	7 827	7 250	7 575	284	614	7 689	7 1,807
Undistributed: Other nonmetallic minerals and minerals indicated by footnote reference 1-----		139		1				6
Virgin Islands: Stone (crushed) <sup>3 4</sup> -----								
1,000 short tons-----	8 10	6 8 16	8 3	6 8 4	12	47	13	52
Wake: Stone (crushed) <sup>3</sup> -----short tons-----	(5)	(5)	(5)	(5)	240	1	4,200	8

<sup>1</sup> Value included with "Undistributed."

<sup>2</sup> Less than \$500.

<sup>3</sup> Quantities are estimated short-ton equivalents of cubic yards reported.

<sup>4</sup> For years ending June 30.

<sup>5</sup> Not available.

<sup>6</sup> Estimate.

<sup>7</sup> Excludes certain stone included with "Undistributed."

<sup>8</sup> St. Croix Island only. Data for St. Thomas Island not available.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

## No. 1143.—ALASKA AND HAWAII—SUMMARY OF MANUFACTURES: 1899 TO 1939

[Figures for 1939 exclude data for plants reporting products valued at less than \$2,000; those for earlier years exclude plants having products valued at less than \$500. This increase in minimum value-of-products limit resulted in some reduction in "Number of establishments" reported, but did not seriously impair comparability of figures for 1939 with those for earlier years]

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, electric energy	Value of products	Value added by manufacture <sup>1</sup>
Alaska, all industries-----	1899---	48	2,260	\$1,374,680	\$1,762,583	\$4,194,421	\$2,431,838
	1909---	152	3,099	1,948,026	5,119,613	11,340,105	6,220,492
	1919---	147	6,575	8,839,452	19,482,485	41,495,243	22,012,758
	1939 <sup>2</sup> ---	230	4,816	6,883,988	20,916,757	38,815,436	17,898,679
Hawaii, all industries-----	1899 <sup>3</sup> ---	222	3,655	1,473,000	12,251,000	23,354,000	11,103,000
	1909 <sup>3</sup> ---	500	5,904	2,108,903	25,817,734	47,403,880	21,586,146
	1919 <sup>3</sup> ---	496	9,969	6,636,763	81,178,956	133,096,412	51,917,456
	1939---	474	17,002	11,458,311	75,651,675	134,005,264	58,353,589

<sup>1</sup> Value of products less cost of materials, etc., fuel, and purchased electric energy.

<sup>2</sup> Figures for 1939 cover the 12-month period ended Sept. 30, 1939.

<sup>3</sup> Includes data for coffee roasting and spice grinding which are no longer treated as manufacturing activities.

Source: Department of Commerce, Bureau of the Census; 1939 Census of Manufactures reports.

## No. 1144.—IMPORTS AND EXPORTS OF ALASKA AND HAWAII: 1882 TO 1954

[Represents imports and exports of merchandise from and to countries exclusive of the United States; legal requirement for filing export declarations for shipments between the United States and Alaska and Hawaii was removed in April 1948]

YEARLY AVERAGE OR YEAR ENDING—	ALASKA		HAWAII	
	Imports <sup>1</sup>	Exports	Imports <sup>1</sup>	Exports
June 30:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1882-1885-----	9,195	24,955		
1886-1890-----	23,697	8,748		
1891-1895-----	42,539	15,526		
1896-1900-----	185,182	135,069		
1901-1905-----	721,110	1,882,464	3,165,296	64,698
1906-1910-----	804,627	1,370,821	4,149,852	254,956
1911-1915-----	692,046	1,150,087	5,932,201	631,063
Dec. 31:				
1915-1920 <sup>2</sup> -----	1,332,484	1,854,417	6,035,299	2,316,781
1921-1925-----	739,401	1,279,046	9,085,041	1,489,922
1926-1930-----	906,631	516,501	9,787,997	2,158,771
1931-1935-----	301,008	260,273	5,907,783	1,055,913
1936-1940-----	192,922	481,196	8,049,332	1,616,457
1941-1945-----	1,637,602	130,618,015	9,994,750	2,385,136
1946-1950-----	1,248,715	<sup>3</sup> 2,099,132	12,153,998	<sup>3</sup> 5,435,234
1941-----	177,367	771,823	6,193,318	11,012,877
1942-----	2,026,655	818,327	1,675,793	253,095
1943-----	2,448,776	214,734,341	3,172,149	20,186
1944-----	596,456	271,111,500	12,715,828	53,395
1945-----	2,938,758	165,654,086	26,216,663	586,129
1946-----	570,825	1,054,863	9,233,965	6,705,123
1947-----	502,487	1,907,978	9,216,017	8,079,710
1948-----	2,779,449	2,408,928	12,725,649	6,704,891
1949-----	1,397,255	2,599,870	16,007,450	3,462,131
1950-----	993,561	<sup>3</sup> 2,524,020	13,586,910	<sup>3</sup> 2,224,317
1951-----	1,160,922	<sup>3</sup> 2,824,861	19,158,467	<sup>3</sup> 3,504,799
1952-----	993,574	<sup>3</sup> 3,041,956	20,076,009	<sup>3</sup> 4,124,809
1953-----	1,180,163	<sup>3</sup> 3,579,437	19,866,820	<sup>3</sup> 6,320,873
1954-----	2,766,635	<sup>3</sup> 6,806,856	19,615,030	<sup>3</sup> 8,292,620

<sup>1</sup> General imports through 1933; imports for consumption thereafter.

<sup>2</sup> Period July 1, 1915, to Dec. 31, 1920.

<sup>3</sup> Excludes certain commodity exports under security regulations.

Source: Department of Commerce, Bureau of the Census; *Quarterly Summary of Foreign Commerce of the United States*.



No. 1145.—HAWAII—PERSONAL INCOME, AND SELECTED INCOME AND EMPLOYMENT  
ITEMS, BY INDUSTRY: 1939 TO 1953

ITEM	1939	1945	1949	1950	1951	1952	1953
<b>PERSONAL INCOME (\$1,000,000)</b>							
<b>Personal income</b> .....	218	1,009	685	689	796	864	889
Wage and salary disbursements.....	157	869	513	510	599	655	677
Other labor income.....	2	5	15	16	17	18	22
Proprietors' income.....	24	91	66	58	77	90	80
Rental income of persons.....	8	19	22	24	26	27	30
Dividends.....	15	17	19	23	25	20	22
Personal interest income.....	9	18	29	29	32	34	36
Transfer payments.....	5	20	32	41	34	35	38
Less: Personal contributions for social insurance.....	2	30	11	12	14	15	16
<b>Less:</b>							
Personal tax and nontax payments.....	7	115	63	67	88	101	106
Federal.....	4	102	49	52	72	84	88
Territorial and county.....	3	13	14	15	16	17	18
<b>Equals: Disposable personal income</b> .....	211	894	622	622	708	763	783
Population..... 1,000.....	415	760	506	491	502	502	511
<b>Per capita:</b>							
Personal income..... dollars.....	525	1,328	1,354	1,403	1,586	1,721	1,740
Disposable income..... do.....	508	1,176	1,229	1,267	1,410	1,520	1,532
<b>WAGES AND SALARIES (\$1,000)</b>							
<b>All industries</b> .....	156,810	869,482	512,685	510,398	599,269	654,663	677,060
Agriculture, forestry, and fisheries.....	35,378	50,707	65,571	65,945	72,336	73,372	72,514
Mining.....	30	1,090	449	546	744	807	790
Contract construction.....	5,449	18,618	22,181	24,665	32,899	34,032	36,787
Manufacturing.....	16,154	41,871	52,646	53,475	58,324	61,327	63,105
Wholesale and retail trade.....	21,142	52,107	70,735	74,144	81,236	85,930	89,778
Finance, insurance, and real estate.....	3,749	6,867	11,528	11,332	12,592	12,824	14,162
Transportation.....	6,688	22,014	24,132	24,748	26,136	29,392	28,352
Communications and public utilities.....	4,238	7,633	12,073	12,504	13,414	14,794	16,497
Services.....	12,671	30,699	37,449	39,693	42,863	46,831	49,414
Government.....	51,311	637,876	215,921	203,346	258,725	295,354	305,661
<b>AVERAGE EMPLOYMENT FULL-TIME EQUIVALENT <sup>1</sup></b>							
<b>All industries</b> .....	156,520	490,105	177,860	169,862	192,304	198,404	199,612
Agriculture, forestry, and fisheries.....	50,140	36,130	28,520	27,696	27,512	27,058	25,677
Mining.....	37	357	158	189	226	252	219
Contract construction.....	5,311	6,306	7,513	8,654	10,289	10,112	10,294
Manufacturing.....	16,503	17,118	18,767	17,700	18,519	18,917	19,373
Wholesale and retail trade.....	16,851	22,325	25,976	26,719	27,924	29,157	29,891
Finance, insurance, and real estate.....	1,889	2,260	3,277	3,163	3,613	3,591	3,953
Transportation.....	4,754	7,414	7,548	6,933	6,781	6,888	6,931
Communications and public utilities.....	2,670	2,788	3,666	3,631	3,705	3,815	4,017
Services.....	16,145	17,399	17,815	18,266	18,977	19,895	20,522
Government.....	42,220	378,008	64,620	56,911	74,758	78,719	78,735
<b>AVERAGE ANNUAL EARNINGS (dollars) <sup>2</sup></b>							
<b>All industries</b> .....	1,009	2,480	2,897	2,956	3,117	3,248	3,354
Agriculture, forestry, and fisheries.....	706	1,403	2,299	2,381	2,629	2,712	2,824
Mining.....	811	3,053	2,842	2,889	3,292	3,202	3,607
Contract construction.....	1,026	2,952	2,952	2,850	3,197	3,366	3,574
Manufacturing.....	979	2,446	2,805	3,021	3,149	3,242	3,257
Wholesale and retail trade.....	1,255	2,334	2,723	2,775	2,909	2,947	3,004
Finance, insurance, and real estate.....	1,985	3,038	3,518	3,583	3,485	3,571	3,583
Transportation.....	1,407	2,969	3,197	3,570	3,854	4,267	4,091
Communications and public utilities.....	1,587	2,738	3,293	3,444	3,621	3,878	4,107
Services.....	785	1,764	2,102	2,173	2,259	2,354	2,408
Government.....	1,532	3,077	3,698	3,708	3,723	3,925	-----

<sup>1</sup> Full-time equivalent employment measures man-years of full-time employment of wage and salary earners and its equivalent in work performed by part-time workers. Full-time employment is defined simply in terms of the number of hours which is customary at a particular time and place.

<sup>2</sup> Per full-time civilian employee.

Source: Department of Commerce, Office of Business Economics; *Income of Hawaii*, and records.

## No. 1146.—BALANCE OF PAYMENTS OF PUERTO RICO: 1947 TO 1953

[In thousands of dollars. For years ending June 30]

ITEMS	1947	1948	1949	1950	1951	1952	1953
<b>Exports of goods and services</b> .....	266, 190	271, 370	282, 430	317, 798	377, 720	422, 161	522, 812
Merchandise, adjusted.....	195, 879	198, 209	210, 935	244, 056	281, 170	270, 335	334, 036
Transportation.....	14, 644	16, 529	14, 682	16, 027	17, 578	19, 744	23, 535
Travel.....	4, 181	5, 466	6, 450	6, 816	9, 096	13, 745	19, 357
Operational disbursements of Federal agencies in Puerto Rico.....	45, 522	42, 374	41, 842	40, 718	55, 448	102, 603	123, 952
Income on investments.....	4, 342	4, 898	3, 768	3, 409	3, 292	3, 162	3, 409
Miscellaneous services.....	1, 622	3, 894	4, 753	6, 772	11, 136	12, 572	18, 523
<b>Imports of goods and services</b> .....	395, 599	435, 481	424, 492	432, 776	535, 211	564, 924	620, 597
Merchandise, adjusted.....	327, 666	367, 981	355, 302	352, 815	446, 704	456, 508	503, 082
Transportation.....	33, 390	36, 592	34, 792	36, 642	41, 851	50, 048	54, 326
Travel.....	8, 816	8, 820	9, 552	9, 770	11, 159	16, 998	20, 230
Income on investments.....	16, 984	11, 216	13, 571	20, 687	21, 378	24, 267	24, 740
Miscellaneous services.....	8, 743	10, 872	11, 275	12, 862	14, 119	17, 103	18, 219
<b>Balance on goods and services</b> .....	-129, 409	-164, 111	-142, 062	-114, 978	-157, 491	-142, 763	-97, 785
<b>Unilateral transfers, net</b> .....	+64, 337	+83, 333	+78, 584	+80, 501	+61, 796	+59, 039	+70, 421
Private.....	-5, 300	-1, 759	+1, 908	+2, 003	+7, 433	+11, 404	+16, 870
Federal government.....	+69, 637	+85, 092	+76, 676	+78, 498	+54, 363	+47, 635	+53, 551
Commonwealth government.....	+5, 375	+6, 562	+8, 273	+10, 053	+13, 032	+15, 523	+21, 961
Individuals and businesses.....	+64, 262	+78, 530	+68, 403	+68, 445	+41, 331	+32, 112	+31, 590
<b>Balance on goods and services and unilateral transfers (net external investment)</b> .....	-65, 072	-80, 778	-63, 478	-34, 477	-95, 695	-83, 724	-27, 364
External assets in Puerto Rico, net [increase (+) or decrease (-)].....	+28, 020	+17, 991	+12, 763	+46, 241	+91, 893	+74, 408	+38, 530
Long-term.....	+29, 550	+5, 402	+22, 961	+46, 210	+66, 956	+52, 118	+31, 128
Short-term.....	-1, 530	+12, 589	-10, 198	+31	+24, 937	+22, 290	+7, 402
Puerto Rican assets abroad, net [increase (-) or decrease (+)].....	+45, 407	+70, 094	+55, 719	-12, 388	-4, 854	-1, 403	-11, 277
Long-term assets.....	-15, 401	+26, 882	+18, 539	-13, 743	-5, 939	-10, 145	-8, 504
External assets of Puerto Rican banks <sup>1</sup> .....	+51, 130	+23, 636	+33, 152	+7, 701	+15, 089	+16, 998	-2, 190
Short-term assets.....	+3, 339	+33	-1, 532	-3, 400	-3, 536	-587	-742
Net flow of U. S. currency <sup>2</sup> .....	+6, 339	+19, 543	+5, 560	-2, 946	-10, 468	-7, 669	+159
Errors and omissions (unknown transactions).....	-8, 355	-7, 307	-5, 004	+624	+8, 656	+10, 719	+111

<sup>1</sup> Minus sign represents a net increase in bank balances abroad; plus sign, a net decrease.<sup>2</sup> Minus sign represents a net inflow of currency; plus sign, a net outflow.Source: Puerto Rico Planning Board, Bureau of Economics and Statistics; *Balance of Payments—Puerto Rico 1953*.

## No. 1147.—PUERTO RICO—INDEXES OF VALUE, PRICE, AND QUANTITY OF EXPORTS AND IMPORTS, AND TERMS OF TRADE: 1947 TO 1953

[1948-1949 = 100. For years ending June 30]

YEAR	VALUE		PRICE		QUANTITY <sup>1</sup>		Terms of trade <sup>2</sup>
	Exports	Imports	Exports	Imports	Exports	Imports	
1947.....	92.9	92.2	100.0	100.5	92.9	91.7	99.5
1948.....	94.0	103.6	103.4	105.1	90.8	98.6	98.4
1949.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1950.....	115.7	99.3	97.6	90.1	118.5	110.2	108.3
1951.....	133.3	125.7	106.4	99.1	125.3	126.8	107.4
1952.....	128.2	128.5	107.6	103.2	119.1	124.5	104.3
1953.....	158.4	141.6	109.6	101.9	144.5	139.0	107.6

<sup>1</sup> Derived from the value and price indexes.<sup>2</sup> Calculated by dividing the export price index by the import price index.Source: Puerto Rico Planning Board, Bureau of Economics and Statistics; *Balance of Payments—Puerto Rico 1953*.



No. 1148.—PUERTO RICO—MANUFACTURES BY INDUSTRY GROUPS AND INDUSTRIES: 1949 AND 1939

[Figures for 1949 include data for all establishments. Figures for 1939 include data only for establishments with products valued at \$2,000 or more. Certain industries not shown separately to avoid disclosing operations of individual companies. "N. e. c." means not elsewhere classified]

INDUSTRY GROUP AND INDUSTRY	1949							1939 <sup>1</sup>		
	Number of establishments	Number of proprietors and partners	All employees		Production workers		Value added by manufacture <sup>2</sup> (\$1,000)	Number of establishments	Number of production workers (average for year)	Value added by manufacture (\$1,000)
			Number (average for year)	Salaries and wages, total (\$1,000)	Number (average for year)	Wages, total (\$1,000)				
<b>All industries, total<sup>3</sup></b>	<b>1,998</b>	<b>1,821</b>	<b>55,137</b>	<b>49,205</b>	<b>47,735</b>	<b>35,736</b>	<b>93,421</b>	(4)	(4)	(4)
<i>All industries (excl. coffee roasting and grinding and tobacco stemming and redrying), total<sup>3</sup></i>	<i>1,937</i>	<i>1,768</i>	<i>49,052</i>	<i>46,215</i>	<i>42,012</i>	<i>33,174</i>	<i>87,043</i>	<i>798</i>	<i>23,484</i>	<i>35,219</i>
Food and kindred products	526	473	23,243	25,516	19,615	18,251	52,432	(4)	(4)	(4)
<i>Food and kindred products, exc. coffee roasting and grinding</i>	<i>507</i>	<i>450</i>	<i>23,102</i>	<i>25,398</i>	<i>19,526</i>	<i>18,203</i>	<i>51,821</i>	<i>379</i>	<i>12,996</i>	<i>22,997</i>
Dairy products	31	29	311	391	166	133	651	9	36	40
Natural cheese	4	5	37	32	31	23	47	3	9	12
Ice cream and ices	27	24	274	360	135	110	604	6	27	27
Canning, preserving, and freezing	23	14	1,159	650	872	464	906	7	307	105
Canning and preserving, except fish	19	12	1,132	630	851	454	824	7	307	105
Pickles and sauces	4	2	27	19	21	9	83			
Bakery products	277	286	2,750	2,441	2,275	1,946	3,928	219	1,470	1,215
Bread and other bakery products	265	278	2,235	1,995	1,839	1,656	3,144	212	1,143	1,022
Biscuits, crackers, and pretzels	12	8	515	446	436	291	784	7	327	193
Sugar	41	22	14,241	17,246	12,900	13,254	35,704	44	9,658	18,666
Raw cane sugar	36	22	13,562	16,496	12,280	12,680	32,228	40	7,765	16,497
Cane sugar refining	5		679	750	620	574	3,476	4	1,893	2,170
Chocolate and cocoa products	4		141	116	98	43	329	1	(d)	(d)
Beverages	73	42	3,174	3,533	2,287	1,836	8,527	53	1,006	2,344
Bottled soft drinks	33	18	863	927	428	397	1,973	10	(d)	(d)
Malt liquors	4		799	1,050	637	633	2,419	2	(d)	(d)
Wines and brandy	5	12	85	57	52	26	282	4	43	20
Distilled liquors, except brandy	31	12	1,427	1,499	1,170	779	3,852	37	657	1,636
Misc. food preparations <sup>4</sup>	68	78	1,085	889	675	441	1,659	(4)	(4)	(4)
<i>Misc. food preparations, exc. coffee roasting and grinding<sup>4</sup></i>	<i>49</i>	<i>55</i>	<i>944</i>	<i>771</i>	<i>586</i>	<i>393</i>	<i>1,048</i>	<i>36</i>	<i>467</i>	<i>580</i>
Manufactured ice	29	37	515	445	241	170	640	25	285	382
Macaroni and spaghetti	10	10	193	185	171	156	300	8	154	(d)
Food preparations, n. e. c.	25	27	361	245	249	105	703	(4)	(4)	(4)
Food preparations, n. e. c., exc. coffee roasting and grinding	6	4	220	128	160	56	92	1	(d)	(d)
Tobacco manufactures	626	609	7,116	3,403	6,732	2,956	6,743	(4)	(4)	(4)
<i>Tobacco manufactures, exc. tobacco stemming and redrying</i>	<i>584</i>	<i>579</i>	<i>1,172</i>	<i>531</i>	<i>1,098</i>	<i>443</i>	<i>977</i>	<i>47</i>	<i>445</i>	<i>289</i>
Cigars	577	574	1,097	496	1,024	409	935	41	(d)	(d)
Chewing and smoking tobacco	7	5	75	35	74	34	42	5	30	11
Tobacco stemming and redrying	42	30	5,944	2,873	5,634	2,513	5,767	(4)	(4)	(4)
Textile mill products	10	2	1,450	596	1,273	475	607	3	101	(d)
Apparel and related products	263	244	10,805	6,464	9,361	4,933	9,251	135	6,307	7,285
Men's and boys' suits and coats	111	17	684	549	642	450	861	5	688	709
Men's and boys' furnishings	68	73	2,216	1,381	2,006	965	1,993	36	1,004	799
Men's dress shirts and nightwear	17	13	741	541	657	332	781	9	505	305
Separate trousers	35	41	1,058	603	978	468	920	18	262	260
Men's and boys' clothing, n. e. c.	6	10	260	129	234	91	132	1	(d)	(d)
Women's and misses' outerwear	33	29	1,149	562	1,068	451	701	15	269	582
Blouses and waists	18	13	757	387	700	313	497	7	(d)	(d)
Women's and children's undergarments	31	22	1,401	831	1,300	688	1,076	25	(d)	(d)

See footnotes at end of table.

No. 1148.—PUERTO RICO—MANUFACTURES BY INDUSTRY GROUPS AND INDUSTRIES:  
1949 AND 1939—Continued

INDUSTRY GROUP AND INDUSTRY	1949							1939 <sup>1</sup>		
	Number of establishments	Number of proprietors and partners	All employees		Production workers		Value added by manufacture <sup>2</sup> (\$1, 000)	Number of establishments	Number of production workers (average for year)	Value added by manufacture (\$1, 000)
			Number (average for year)	Salaries and wages, total (\$1, 000)	Number (average for year)	Wages, total (\$1, 000)				
Apparel and related products—										
Continued										
Children's outerwear.....	27	22	946	552	894	483	711	11	(d)	(d)
Miscellaneous apparel and accessories <sup>7</sup> .....	74	68	3, 828	2, 284	2, 989	1, 650	3, 485	32	1, 292	1, 878
Handkerchiefs.....	45	44	2, 453	1, 517	2, 118	1, 200	2, 030	31	(d)	(d)
Housefurnishings, n. e. c.....	8	6	395	147	306	123	177	8	173	402
Canvas products.....	6	5	51	48	37	32	80	1	(d)	(d)
Lumber and products (except furniture).....	51	53	327	302	313	245	611	13	119	134
Millwork plants.....	43	47	300	289	286	232	589	11	(d)	(d)
Furniture and fixtures.....	186	193	1, 888	1, 519	1, 727	1, 229	2, 338	52	830	525
Household furniture.....	177	180	1, 837	1, 468	1, 681	1, 194	2, 205	49	822	512
Wood house furniture, except upholstery.....	152	161	1, 443	1, 071	1, 343	926	1, 467	39	610	317
Mattresses and bedsprings.....	13	9	266	276	222	177	511	9	(d)	(d)
Paper and allied products.....	5	1	294	352	258	263	825	1	(d)	(d)
Printing and publishing industries.....	77	63	1, 459	2, 216	975	1, 266	3, 670	59	653	1, 047
Chemicals and allied products.....	49	21	1, 268	1, 510	1, 011	884	4, 394	39	400	981
Pharmaceutical preparations.....	20	6	209	231	149	96	542	13	(d)	(d)
Fertilizers (mixing only).....	7	5	504	659	428	402	2, 731	7	197	634
Compressed and liquefied gases.....	6	1	239	354	153	187	716	2	(d)	(d)
Insecticides and fungicides.....	3	3	7	3	7	3	12			
Leather and leather products.....	22	12	911	611	859	446	925	15	79	64
Handbags and small leather goods.....	7	1	389	246	367	172	380			
Stone, clay, and glass products.....	87	82	2, 562	3, 097	2, 224	2, 162	6, 353	23	254	248
Products of purchased glass.....	3	2	21	21	17	15	38			
Structural clay products.....	18	12	715	724	654	548	1, 034	12	155	156
Concrete products.....	42	50	317	268	281	193	498			
Cut-stone and stone products.....	7	6	46	71	44	66	183	3	9	4
Fabricated metal products.....	33	32	310	338	290	292	710	10	49	63
Structural metal products.....	24	22	194	255	187	221	538	6	29	29
Structural and ornamental products.....	15	17	123	153	122	151	251	3	(d)	(d)
Machinery (except electrical).....	13	9	617	949	517	670	1, 352	7	477	660
Farm machinery (except tractors).....	6	4	86	133	74	85	217	3	30	(d)
Miscellaneous manufactures <sup>8</sup> .....	44	26	2, 389	1, 591	2, 230	1, 275	2, 451	12	574	619
Jewelry and silverware.....	7	2	382	320	345	234	406	1	(d)	(d)
Costume jewelry and notions.....	16	6	1, 595	951	1, 497	788	1, 393	2	(d)	(d)
Artificial flowers.....	5	1	629	375	600	344	380			
Buttons.....	5	2	572	470	509	347	863	2	(d)	(d)
Morticians' goods.....	8	8	13	10	13	10	20	6	8	10
Signs and advertising displays.....	4	6	19	20	17	17	33	1	(d)	(d)

<sup>1</sup> Retabulated to provide industry statistics comparable with those for 1949.<sup>2</sup> Computed by subtracting costs of materials and supplies, fuels, electric energy, and contract work from value of products.<sup>3</sup> Includes data for industry groups not shown separately (to avoid disclosing operations of individual companies) as follows: Rubber, primary metal industries, electrical machinery, and transportation equipment, 1 establishment each; and for instruments and related products, 2 establishments.<sup>4</sup> Comparable statistics for 1939 not available. Figures for 1949 include statistics for activities of (1) coffee roasting and grinding and (2) tobacco stemming and redrying, which were classified as manufacturing in 1949 but considered nonmanufacturing in 1939.<sup>5</sup> This figure may include an undetermined amount of excise taxes.<sup>6</sup> Includes shortening, cooking oils, and flavorings.<sup>7</sup> Includes fabric and combination dress and work gloves.<sup>8</sup> Includes sporting and athletic goods, hand stamps and stencils, needles, pins, and fasteners, plastic products, brooms and brushes, matches, and hair work.<sup>9</sup> Withheld to avoid disclosing figures for individual companies.Source: Department of Commerce, Bureau of the Census; *Puerto Rico Census of Manufactures, 1949*.



## No. 1149.—IMPORTS AND EXPORTS OF PUERTO RICO: 1901 TO 1954

YEARLY AVERAGE OR YEAR ENDING—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States	From other countries <sup>1</sup>	Total	To United States	To other countries
June 30:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1901-1905.....	13,256,464	11,055,607	2,200,857	14,228,464	10,485,414	3,743,050
1906-1910.....	26,819,937	23,660,948	3,158,988	29,850,008	25,118,813	4,731,195
1911-1915.....	37,790,207	33,959,225	3,830,982	46,237,403	38,982,507	7,254,896
Dec. 31:						
1915-1920 <sup>2</sup> .....	51,192,853	47,846,373	3,346,480	67,831,644	60,818,903	7,012,741
1921-1925.....	78,901,764	70,355,330	8,546,434	82,878,547	76,481,329	6,397,218
1926-1930.....	92,500,964	80,640,700	11,860,264	98,613,291	92,468,856	6,144,435
1931-1935.....	65,055,632	58,128,726	6,926,906	83,942,603	81,464,920	2,477,583
1936-1940.....	96,916,409	89,512,394	7,404,015	94,701,265	92,837,006	1,864,259
1941-1945.....	136,612,529	120,136,052	16,476,477	119,403,190	114,301,879	5,101,312
1946-1950.....	345,258,034	320,169,438	25,088,596	320,295,625	195,007,759	11,287,866
1946.....	298,697,281	274,430,616	24,266,665	168,190,917	163,941,239	4,249,678
1947.....	341,842,882	320,118,678	21,724,204	199,383,482	191,136,679	8,246,803
1948.....	360,403,762	336,201,027	24,202,735	194,533,110	188,208,149	6,324,961
1949.....	333,674,462	308,966,549	24,707,913	222,455,322	213,884,768	8,570,554
1950.....	390,945,172	361,130,319	29,814,853	324,946,731	217,899,397	29,047,334
1951.....	442,900,808	404,502,271	38,398,537	324,527,351	250,629,829	13,897,522
1952.....	468,749,423	431,187,309	37,562,114	329,331,241	271,512,753	20,818,488
1953.....	526,233,633	476,190,412	50,043,221	343,854,727	324,712,060	19,142,667
1954.....	532,044,225	484,605,759	47,438,466	347,182,937	335,489,238	11,693,699

<sup>1</sup> General imports through 1933; imports for consumption thereafter. <sup>2</sup> Period July 1, 1915, to Dec. 31, 1920.<sup>3</sup> Excludes certain commodity exports under security regulations.

## No. 1150.—SHIPMENTS OF PRINCIPAL PRODUCTS FROM PUERTO RICO TO THE UNITED STATES: 1952 TO 1954

COMMODITY	Unit of quantity	1952		1953		1954	
		Quantity	Value (dollars)	Quantity	Value (dollars)	Quantity	Value (dollars)
<b>Total Puerto Rican products.....</b>			265,752,998		316,375,063		324,114,426
Leather gloves, including mittens.....	Doz. pr.	85,002	1,848,992	84,414	2,046,657	23,103	599,664
Coffee, green.....	1,000 lb.	5,472	2,780,620	9,934	5,303,548	10,443	6,839,495
Sugar, cane: Raw.....	do	1,711,177	105,452,220	2,032,185	126,623,240	1,739,447	106,041,893
Refined.....	do	253,949	18,783,023	227,984	17,372,635	235,855	17,652,623
Molasses, inedible.....	Gal.	52,251,903	7,658,697	32,650,819	3,811,318	37,557,945	3,272,878
Rum.....	Pf. gal.	1,467,421	4,571,419	1,496,383	4,678,329	1,440,415	4,510,106
Tobacco:							
Leaf, stemmed.....	1,000 lb.	14,650	15,394,964	11,102	11,881,401	14,620	15,544,618
Stems, scrap, and trimmings.....	do	6,511	2,875,873	4,134	2,099,030	5,424	2,456,519
Other.....			230,400		871,066		3,958,329
Cotton manufactures and semi-manufactures:							
Cloth, duck, and tire fabric.....	Sq. yd.	14,666,045	3,066,839	14,929,153	3,050,100	17,816,111	3,479,846
Handkerchiefs.....	Doz.	5,154,097	10,811,436	5,631,243	11,289,529	5,606,611	11,110,822
Gloves.....	Doz. pr.	934,542	10,288,338	955,128	11,623,783	778,295	9,235,898
Outerwear, men's and boys'.....			1,472,532		3,825,931		6,719,603
Dresses, children's.....	Doz.	296,034	2,613,933	401,549	3,149,624	500,918	3,744,888
Handkerchiefs, linen.....	do	596,361	2,412,936	566,658	2,302,658	340,137	1,345,655
Wool, hair, and manufactures:							
Carpets and rugs, wool.....	Sq. yd.	324,821	4,258,584	278,982	3,951,317	249,499	3,685,719
Other.....			899,195		2,512,325		5,639,001
Synthetic fibers and manufactures:							
Piece goods, except nylon.....	Sq. yd.	4,171,387	1,100,624	13,961,144	3,195,573	8,817,667	1,972,322
Hosiery, nylon.....	Doz. pr.	191,195	1,083,145	220,178	1,169,456	259,978	1,179,869
Other.....			3,332,278		2,902,302		4,439,959
Corsets, brassieres, and girdles, except rubber and rubberized.	Doz.	546,086	4,325,812	1,352,652	8,548,854	1,404,478	12,978,303
Scarves.....	do	371,434	3,634,606	263,487	2,142,092	265,850	1,984,674
Paper, related products, and mfrs. products.....			1,748,062		4,758,518		3,355,619
Cement, glass, and clay products.....			1,943,557		2,427,313		2,524,537
Metals and manufactures, except machinery and vehicles.....			2,687,308		2,481,053		3,890,812
Electrical machinery and apparatus.....			944,914		4,866,060		11,458,659
Medicinal and pharmaceutical preparations.....			4,857,175		5,787,135		6,091,606
Optical goods.....			1,236,024		2,115,617		2,623,255
Miscellaneous office supplies.....			2,396,753		7,979,223		6,748,232

Source of tables 1149 and 1150: Department of Commerce, Bureau of the Census; *Quarterly Summary of Foreign Commerce of the United States*.

## No. 1151.—IMPORTS AND EXPORTS OF THE VIRGIN ISLANDS: 1911 TO 1954

[For 1911 to 1917, figures for trade with United States cover years ending June 30, for total trade, years ending March 31; thereafter, all figures cover calendar years]

YEARLY AVERAGE OR YEAR	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States <sup>1</sup>	From other countries	Total	To United States	To other countries
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1911-1915.....	1,617,225	844,729	.....	416,930	210,597	.....
1916-1920.....	( <sup>2</sup> )	1,945,396	( <sup>2</sup> )	( <sup>2</sup> )	1,718,822	( <sup>2</sup> )
1921-1925.....	<sup>3</sup> 2,254,547	1,894,229	<sup>3</sup> 365,579	<sup>3</sup> 673,710	659,718	<sup>3</sup> 104,249
1926-1930.....	( <sup>2</sup> )	2,020,197	( <sup>2</sup> )	( <sup>2</sup> )	869,170	( <sup>2</sup> )
1931-1935.....	<sup>4</sup> 2,503,027	1,293,347	<sup>4</sup> 836,612	<sup>4</sup> 553,842	479,024	<sup>4</sup> 64,716
1936-1940.....	3,743,219	2,611,010	1,132,210	1,369,532	1,241,445	128,087
1941-1945.....	5,220,224	4,257,447	962,777	3,845,923	3,647,908	198,015
1946-1950.....	9,602,012	7,787,153	1,814,859	2,927,295	2,238,174	689,121
1947.....	8,990,646	7,003,157	1,987,489	2,300,915	1,448,536	852,379
1948.....	9,465,562	7,665,939	1,799,623	1,796,308	1,236,434	559,874
1949.....	9,967,225	8,176,045	1,791,180	2,543,879	1,737,524	806,355
1950.....	11,046,282	9,367,711	1,678,571	3,857,168	3,088,245	768,923
1951.....	11,686,154	9,131,904	2,554,250	2,715,901	2,106,744	609,157
1952.....	13,870,399	11,162,888	2,707,511	3,385,419	2,477,655	907,764
1953.....	16,015,290	13,121,486	2,893,804	3,256,990	2,752,499	504,491
1954.....	15,696,811	12,379,420	3,317,391	4,261,158	3,788,757	472,401

<sup>1</sup> For change in statistical reporting, 1935 to 1939, see text, p. 930.

<sup>2</sup> Average for 1921 to 1924.

<sup>4</sup> For year 1935.

<sup>3</sup> Not available.

Source: Total trade, 1911 to 1915, from *Danish Yearbook*; 1916, from *The Virgin Islands of the United States of America*, by Luther K. Zabriski. Source of other figures—Department of Commerce, Bureau of the Census; *Quarterly Summary of Foreign Commerce of the United States*.

## No. 1152.—IMPORTS AND EXPORTS OF GUAM AND AMERICAN SAMOA: 1915 TO 1954

YEARLY AVERAGE OR YEAR	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States	From other countries	Total	To United States	To other countries
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
GUAM						
1915-1920 (July 1, 1915, to Dec. 31, 1920).....	342,651	211,744	130,908	77,894	41,741	36,153
1921-1925.....	594,583	378,094	216,489	72,681	57,302	15,379
1926-1930.....	608,026	295,398	312,628	212,352	98,335	114,017
1931-1935.....	498,513	228,509	270,004	69,921	21,386	48,535
1936-1940.....	786,273	403,928	382,345	139,697	97,694	42,003
1941-1945.....	( <sup>1</sup> )	<sup>1</sup> 483,870	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
1946-1950.....	( <sup>1</sup> )	8,487,026	( <sup>1</sup> )	3,236,530	2,813,056	423,474
1947.....	( <sup>1</sup> )	9,368,182	( <sup>1</sup> )	3,639,977	2,312,410	1,327,567
1948.....	( <sup>1</sup> )	9,530,325	( <sup>1</sup> )	5,980,079	5,968,686	11,393
1949.....	( <sup>1</sup> )	11,296,853	( <sup>1</sup> )	2,358,142	2,308,534	49,608
1950.....	13,702,182	11,142,910	2,559,272	771,098	764,818	6,280
1951.....	16,870,079	15,181,661	1,688,418	4,881,399	3,961,798	919,601
1952.....	19,832,213	17,419,149	2,413,064	4,095,564	982,326	3,113,238
1953.....	20,703,684	18,267,748	2,435,936	3,644,194	1,051,706	2,592,488
1954.....	19,330,764	16,450,763	2,880,001	4,466,447	1,269,805	3,196,642
AMERICAN SAMOA						
1915-1920 (July 1, 1915 to Dec. 31, 1920).....	179,041	115,278	63,763	140,757	140,757	.....
1921-1925.....	201,005	101,038	99,967	122,288	88,087	34,201
1926-1930.....	226,858	142,774	84,084	( <sup>1</sup> )	121,026	( <sup>1</sup> )
1931-1935.....	198,517	121,635	76,882	( <sup>1</sup> )	43,702	( <sup>1</sup> )
1936-1940.....	336,365	220,070	116,295	( <sup>1</sup> )	87,939	( <sup>1</sup> )
1941-1945.....	878,376	642,094	236,283	( <sup>1</sup> )	<sup>3</sup> 46,923	( <sup>1</sup> )
1946-1950.....	945,007	608,910	336,097	282,573	282,573	.....
1947.....	892,027	540,695	351,332	261,297	261,297	.....
1948.....	1,043,171	662,553	380,618	259,648	259,648	.....
1949.....	1,194,287	863,054	331,233	394,238	394,238	.....
1950.....	917,208	598,613	318,595	306,758	306,758	.....
1951.....	963,190	562,286	400,904	282,863	282,863	.....
1952.....	1,065,772	628,800	436,972	315,865	315,865	.....
1953.....	1,076,018	700,161	375,857	219,651	219,651	.....
1954.....	1,409,724	947,801	461,923	788,977	788,977	.....

<sup>1</sup> Not available.

<sup>3</sup> Three-year average; no shipments reported for 1942 and 1943.

<sup>2</sup> Average for 1941, 1942, and 1945.

Source: Department of Commerce, Bureau of the Census; *Quarterly Summary of Foreign Commerce of the United States*.



## 34. Comparative International Statistics

The statistics of the various individual nations may be found primarily in the official publications or compendia, generally in the form of Yearbooks, issued by most of the nations at various intervals in their own national languages, expressed in their customary national units of measurement. For handier reference, especially for international comparisons, the Statistical Office of the United Nations compiles and issues a number of international summary publications, generally in English and French. Among these, the *Statistical Yearbook*, the *Demographic Yearbook*, and the *Monthly Bulletin of Statistics* may be most helpful for both general and special users. The Statistical Office of the United Nations also publishes a *Yearbook of International Trade Statistics* and the *National Income Statistics of Various Countries*. For international agricultural statistics, the outstanding source is the *Yearbook of Food and Agricultural Statistics* which is published by the Food and Agriculture Organization of the United Nations. These publications usually present data covering an extensive period of time, frequently up to 20 years.

The information shown in this section was obtained almost entirely from the *Statistical Yearbook, 1954*, a United Nations publication, prepared by the Statistical Office of the United Nations. To facilitate comparison in terms of familiar units, items shown in metric units in the source have been converted to U. S. equivalents by means of the conversion factors given in the *Statistical Yearbook* (see table of conversion factors, p. 948).

**Countries and items shown.**—Problems of space and availability (or nonavailability) of data are restrictive factors in this presentation of statistics for the various nations.

In particular, the space problem makes it necessary to limit the number of countries for which statistics are shown on a somewhat arbitrary basis. The list of countries included is based on the membership rosters of the United Nations and of the larger specialized agencies affiliated with the United Nations (see table 1166). In a few instances, such member countries were omitted because of an almost complete lack of data. Data for the Union of Soviet Socialist Republics have been included for those few items for which they were available. For the most part, official data for the U.S.S.R. have not been released since the prewar period.

Statistics are shown for a standardized list of countries. No attempt was made to vary the list according to the relative standing or significance of each country with respect to each specific subject item shown. In consequence, there may be instances, with respect to certain subject items shown, in which one or more of the countries omitted from the list are more important, statistically, than some of the countries included. However, cases of this kind are not believed to be numerous.

A high degree of selection also was necessary with respect to subject items included. The items shown here are believed to be among those more significant in reflecting the demography and the agricultural, industrial, and social structure of a country.

Certain subject materials of basic import, such as those on national income, are omitted because of the inability to convert the available statistics, stated in terms of the national currencies, to meaningful consistency in United States measures. Finally, items for which figures are available for a large number of countries were favored over items for which information is scanty in order to broaden the scope of comparison as much as possible.

Note.—This section presents data for the most recent year or period available on June 10, 1955, when the material was organized and sent to the printer.

**Quality and comparability of the data.**—The quality and the comparability of the data presented here are affected by a number of factors which should be kept in mind:

(1) The data shown are for the latest year available for each country; the latest year, however, may vary from item to item for a particular country and within items for different countries. All such variations have been noted (see table headnotes) and should be taken into account. In most instances, the data shown are for calendar years. In a number of instances, however, the 12-month totals shown do not correspond with the calendar year. Problems of space unfortunately made it impracticable to present the data for a series of years except for the figures on population, agriculture, and gold and foreign exchange holdings.

(2) The bases, methods of estimating, methods of data collection, extent of coverage, precision of definition, scope of territory, and margins of error may vary from item to item within a particular country and within items for different countries. Footnotes and headnotes to the tables give some measure of the qualifications and differences attached to the figures. Again, the compelling limits of space made necessary some condensation and editing of the more detailed notes appearing in the source. The user is, therefore, cautioned to proceed with care in analysis and comparison, since, at best, many of the measures shown are merely rough indicators of magnitude.

(3) Figures shown in this section for the United States may not always agree with figures shown in the preceding sections. Such differences may be attributable to the use of differing original sources, a difference in the definition of geographic limits (continental United States only, or including certain territories and possessions), or to possible adjustments made in the United States figures by the United Nations in order to improve their comparability with figures from other countries.

Because of the many difficult problems inherent in bringing together summary statistics in this fashion, those readers who are interested in detailed comparisons should consult the publications of the United Nations mentioned above.

#### CONVERSION FACTORS

<i>Metric units</i>	<i>U. S. equivalents</i>
1 km.....	0.621370 mile
1 sq. km.....	0.386101 sq. mile
1 kg.....	2.204622 pounds
1 metric ton (1,000 kg.).....	1.102311 short tons
1 metric ton-km.....	0.684943 short ton-mile



## No. 1153.—AREA AND POPULATION

[For many countries, figures are provisional. Basis and level of reliability of population estimates range from use of a continuous population register (Scandinavian countries) and census enumerations for a recent date (most countries) to "counting procedures not comparable with a census" (China, Lebanon, Syria) and "conjectural estimates derived by other means than counting" (Ethiopia, Afghanistan). Data, in general, refer to midyear present-in-area population of the present territory. Area generally includes inland waters. See text, p. 948, for general comments concerning quality of the data.]

COUNTRY	Area (sq. miles)	POPULATION (1,000)					Popula- tion per sq. mile <sup>1</sup>
		1937	1950	1952	1953	1954	
United States.....	3,022,275	128,961	151,683	157,022	159,629	162,414	53
Afghanistan.....	250,966	10,972	12,000				48
Albania.....	11,100	1,030			1,250		113
Argentina.....	1,084,362	13,490	17,189	18,038	18,393	18,742	17
Australia <sup>2</sup> .....	2,974,471	6,836	8,186	8,649	8,829		3
Austria.....	32,375	6,755	6,935	6,949	6,954		215
Belgium.....	11,779	8,346	8,639	8,730	8,778		745
Bolivia.....	424,163	2,599	3,019	3,089	3,107		7
Brazil <sup>3</sup> .....	3,288,050	38,687	51,476	54,477	55,772	57,098	17
Bulgaria.....	42,796	6,196			7,450		174
Burma.....	261,747	15,635	18,489	18,859	19,045	19,242	73
Canada.....	3,845,632	11,339	13,712	14,430	14,781	15,236	4
Ceylon.....	25,331	5,712	7,544	7,940	8,155		322
Chile.....	286,397	4,754	5,809	5,932	6,072		21
China.....	3,759,191	452,460	463,500				123
Colombia.....	439,520	8,531	11,260	11,844	12,108		28
Costa Rica.....	19,695	576	800	850	881	915	45
Cuba.....	44,218	4,359	5,362		5,807		131
Czechoslovakia.....	49,354	14,429	12,340				250
Denmark (excl. Faeroe Islands).....	16,578	3,749	4,270	4,334	4,369		264
Dominican Republic.....	18,816	1,558	2,131	2,236	2,291	2,347	122
Ecuador.....	104,506	2,303	3,157	3,350	3,924		38
Egypt.....	386,101	16,008	20,393	21,425	21,935		57
El Salvador.....	5,061	1,571	1,868	1,986	2,052	2,122	255
Ethiopia.....	409,267		15,000				37
Finland.....	130,120	3,626	4,009	4,091	4,141	4,192	32
France.....	212,736	41,200	41,944	42,545	42,860		201
Germany, Western.....	94,719	38,494	47,674	48,478	48,994	49,516	517
Greece.....	51,182	7,029	7,563	7,736	7,819		153
Guatemala.....	42,042	2,088	2,802	2,975	3,049		73
Haiti.....	10,714		3,112	3,200	3,227		301
Honduras.....	43,277	1,076	1,428	1,513	1,564		36
Hungary.....	35,912	9,100	9,334		9,600		267
Iceland.....	39,768	117	143	148	150		4
India.....	1,269,597	304,333	358,000	367,000	372,000		293
Indonesia.....	575,894	67,398	75,500	78,163			136
Iran.....	629,345	16,200	18,952	19,803	20,253		32
Iraq.....	168,114		4,834	4,871			29
Ireland, Republic of.....	27,136	2,948	2,969	2,949	2,942	2,933	108
Israel.....	7,984		1,258	1,607	1,650	1,688	207
Italy.....	116,225	42,372	46,301	47,726	48,065	48,433	414
Japan.....	142,202	70,040	82,900	85,500	86,700	88,200	610
Korea.....	85,248	21,528	20,511		30,000		352
Lebanon.....	4,015	925	1,257	1,321	1,353		337
Luxembourg.....	998	299	297	301	304		305
Mexico.....	760,375	18,737	25,826	26,922	28,053	28,850	37
Netherlands.....	12,510	8,598	10,114	10,382	10,493	10,609	839
New Zealand.....	103,469	1,587	1,908	1,995	2,047	2,093	20
Nicaragua.....	57,143	765	1,060	1,128	1,166	1,202	20
Norway.....	125,065	2,919	3,265	3,327	3,359		27
Pakistan <sup>7</sup> .....	364,363		75,040				206
Panama.....	29,141	575	797	841	863		30
Paraguay.....	157,047	1,036	1,397	1,462	1,496	1,530	10
Peru.....	506,190	6,695	8,521	8,864	9,035	9,295	18
Philippines.....	115,600	15,445	19,881	20,646	21,039	21,440	182
Poland.....	120,350	34,359	24,977			26,500	220
Portugal.....	35,579	7,416	8,405	8,549		8,693	242
Romania.....	91,700	15,512			16,500		180
Spain.....	194,232	25,043	27,868	28,306	28,528	28,751	147
Sweden.....	173,437	6,276	7,017	7,125	7,171	7,212	41
Switzerland.....	15,941	4,180	4,694	4,815	4,877	4,925	306
Syria <sup>10</sup> .....	70,014	2,368	3,215	3,361	3,535		50
Thailand.....	198,456	14,492	18,488	19,193	19,556	19,925	99
Turkey.....	296,185	16,725	20,935	21,983	22,461	22,949	76
Union of South Africa.....	472,667	9,805	12,450	12,912	13,153	13,393	28
U.S.S.R.....	8,598,701	170,467	195,000	207,000	208,000		24
United Kingdom.....	94,209	47,289	50,616	50,722	50,857		540
Uruguay.....	72,172	2,080			2,525		35
Venezuela <sup>3</sup> .....	352,143	3,415	4,974	5,280	5,440	5,605	15
Yugoslavia.....	98,608	15,172	16,245	16,729	16,991	17,288	172
<b>World total.....</b>	<b>52,188,500</b>		<b>2,455,000</b>	<b>2,469,000</b>	<b>2,547,000</b>		<b>49</b>

<sup>1</sup> Based on 1953 or, if not available, on latest population estimate.<sup>2</sup> Excludes full-blooded aborigines.<sup>3</sup> Excludes Indian jungle population.<sup>4</sup> 1948 estimate.<sup>5</sup> Census count.<sup>6</sup> South Korea.<sup>7</sup> Excludes Kashmir-Jammu, Gilgit, Baltistan, Junagadh, and Manavadar.<sup>8</sup> Territory of 1923-37.<sup>9</sup> Based on 1954 population estimate.<sup>10</sup> Excludes nomads.<sup>11</sup> Jan., 1939; refers to 1939 territory.<sup>12</sup> Includes adjustments for underenumeration and revised estimates for mainland China.

## No. 1154.—VITAL STATISTICS AND NET FOOD SUPPLY

[Crude birth rates, infant mortality rates, and death rates derived from data having complete or virtually complete coverage for many countries and incomplete coverage for others. **Crude birth rate:** Number of live births per 1,000 persons. **Crude death rate:** Number of deaths, exclusive of stillbirths, per 1,000 persons. **Infant mortality rate:** Deaths of infants under 1 year of age per 1,000 live births. Data exclude stillbirths. **Expectation of life:** Average future lifetime (in years) of persons at birth, if subject to mortality conditions of period indicated. **Net food supply:** Net supply of foodstuffs, other than alcoholic beverages, at retail level, available within the country for human consumption. See text, p. 948, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented as follows: a represents 1952; b, 1951; c, 1950; d, 1949; e, 1948; f, 1947; g, 1946; h, 1945; i, 1944; j, 1943; k, 1942; l, 1941; m, 1940]

COUNTRY	Year	Crude birth rate	Crude death rate	Infant mortality rate	EXPECTATION OF LIFE AT BIRTH			NET FOOD SUPPLY PER PERSON	
					Period	Male	Female	Year <sup>1</sup>	Calories per day
United States.....	1951	<sup>2</sup> 24.5	9.7	<sup>2</sup> 28.4	1939-41	61.6	65.9	1950/51	3,180
	1952	24.6	9.6	28.5	<sup>3</sup> 1950	66.6	72.4	1951	3,090
	1953	24.7	9.6	27.9	<sup>3</sup> 1951	66.6	72.6	1952	3,120
Albania.....	1942	32.8	<sup>4</sup> 14.2						
Argentina.....	1953	<sup>6</sup> 24.6	8.7	<sup>6</sup> 65.2	1947	56.9	61.4	1951	3,110
Australia.....	1953	<sup>6</sup> 22.9	<sup>6</sup> 7 9.1	<sup>6</sup> 23.3	1946-48	<sup>6</sup> 66.1	<sup>6</sup> 70.6	1951/52	3,290
Austria.....	1953	14.5	11.9	51.0	1949-51	61.9	67.0	1952/53	2,730
Belgium.....	1952	16.7	<sup>8</sup> 11.9	44.8	1946-49	62.0	67.3	1952/53	<sup>9</sup> 2,950
Bolivia.....	1951	39.3	17.4	<sup>10</sup> 116.7					
Brazil.....					1949-51	<sup>11</sup> 49.8	<sup>11</sup> 56.0	1951	2,350
Bulgaria.....	1947	24.0	13.4	129.5	1925-28	<sup>12</sup> 45.9	<sup>12</sup> 46.6		
Burma.....	1953	<sup>13</sup> 49.2	<sup>13</sup> 33.5	<sup>13</sup> 230.5				1947/48	1,990
Canada.....	1953	<sup>14</sup> <sup>15</sup> 27.9	<sup>14</sup> <sup>15</sup> 8.6	<sup>14</sup> <sup>15</sup> 35.9	1950-52	<sup>14</sup> 66.3	<sup>14</sup> 70.8	1952/53	3,130
Ceylon.....	1953	39.4	10.9	71.2	1952	57.6	55.5	1951/52	1,950
Chile.....	1953	<sup>16</sup> 36.1	13.2	<sup>16</sup> 114.3	1940	37.9	39.8	1951	2,340
China <sup>17</sup> .....	1953	<sup>18</sup> 45.3	<sup>18</sup> 9.5	<sup>18</sup> 33.7	1936-40	41.1	45.7		
Colombia.....	1953	<sup>19</sup> 38.9	<sup>20</sup> 13.5	<sup>19</sup> <sup>20</sup> 111.0				1948/49	2,370
Costa Rica.....	1953	53.9	11.7	83.3	1949-51	55.7			
Cuba.....	1949	<sup>10</sup> 28.3	<sup>10</sup> 7.5					1948/49	2,730
Czechoslovakia.....	1951	d 22.1	d 11.7	73.4	1929-32	51.9	55.2	1948/49	2,690
Denmark.....	1953	<sup>21</sup> 17.9	<sup>21</sup> 9.0	<sup>21</sup> 27.2	1946-50	67.8	70.1	1952/53	3,250
Dominican Republic.....	1953	41.5	9.0	<sup>22</sup> 74.2					
Ecuador <sup>10</sup> <sup>23</sup> .....	1953	47.3	15.9	d 115.2					
Egypt.....	1951	44.7	19.3	128.6	1936-38	35.7	41.5	1951/52	2,360
El Salvador.....	1953	47.7	14.6	81.7	1949-51	49.9	52.4		
Finland.....	1953	21.9	9.6	34.1	1946-50	58.6	65.9	1952/53	3,125
France.....	1953	18.7	12.9	37.8	1950-51	63.6	69.3	1952/53	2,850
Germany, Western.....	1953	15.5	11.0	46.3	1949-51	64.6	68.5	1952/53	2,840
Greece.....	1953	18.4	7.2	43.6	1926-30	49.1	50.9	1952/53	2,500
Guatemala.....	1953	51.3	23.2	102.7	1939-41	<sup>24</sup> 36.0	<sup>24</sup> 37.1		
Honduras.....	1953	43.3	11.1	59.5				1950/51	2,030
Hungary.....	1948	19.1	11.2	99.6	1941	54.9	58.2		
Iceland.....	1952	26.5	7.3	b 26.0	1931-40	60.9	65.6	1950/51	3,240
India.....	1952	<sup>25</sup> 24.8	<sup>25</sup> 13.6	<sup>25</sup> 116.3	1941-50	<sup>26</sup> 32.5	<sup>26</sup> 31.7	1951/52	1,590
Indonesia.....	1951	m <sup>27</sup> 28.5	m <sup>27</sup> 20.3	<sup>28</sup> 24.0					
Iran.....	1953	19.4	6.9						
Ireland, Rep. of.....	1953	<sup>29</sup> 21.1	11.8	<sup>29</sup> 39.4	1945-47	60.5	62.4	1952/53	3,500
Israel.....	1953	<sup>30</sup> 30.2	<sup>30</sup> 6.3	<sup>30</sup> 35.9	1953	<sup>30</sup> 68.0	<sup>30</sup> 70.5	1950/51	2,520
Italy.....	1953	17.2	9.8	58.9	1935-37		57.5	1952/53	2,580
Japan.....	1953	<sup>31</sup> 21.5	<sup>31</sup> 8.9	a <sup>31</sup> 49.4	1953	61.9	65.7	1952/53	2,210
Korea.....	1944	31.8	21.2	115.6	1938	47.2	50.6		
Lebanon.....	1953	<sup>32</sup> 25.2	<sup>32</sup> 5.4						
Luxembourg.....	1953	16.0	12.5	41.7	1946-48	61.7	65.8		( <sup>9</sup> )
Mexico.....	1953	44.6	15.6	94.5	1940	37.9	39.8		
Netherlands.....	1953	<sup>33</sup> 21.8	<sup>34</sup> 7.7	<sup>33</sup> <sup>34</sup> 22.1	1947-49	69.4	71.5	1952/53	2,890
New Zealand.....	1953	<sup>35</sup> 24.1	<sup>35</sup> 8.8	<sup>35</sup> 20.0	1950-52	<sup>35</sup> 68.3	<sup>35</sup> 72.4	1952	3,340
Nicaragua.....	1953	41.6	10.2	a 77.5					
Norway.....	1953	<sup>30</sup> 18.0	<sup>37</sup> 8.3	a <sup>37</sup> 23.7	1946-50	69.3	72.7	1952/53	3,120
Pakistan.....	1948	<sup>5</sup> <sup>25</sup> 18.0	<sup>5</sup> <sup>25</sup> 12.3					1948/49	2,030
Panama <sup>38</sup> .....	1953	37.0	9.0	52.7	1941-43	50.5	53.5		
Paraguay.....	1950	49.0	d 6.0	c 75.8					
Peru <sup>39</sup> .....	1953	30.6	10.2	114.3					
Philippines.....	1953	20.7	8.8	a 108.7					
Poland.....	1950	30.5	11.6	107.8	1948	55.6	62.5		
Portugal.....	1953	23.4	11.3	95.5	1949-52	55.5	60.5	1951/52	2,390
Romania.....	1947	h 19.6	h 20.0	198.8					
Spain.....	1953	20.6	9.7	58.9	1940	47.1	53.2		
Sweden.....	1953	15.4	9.7	18.7	1946-50	69.0	71.6	1952/53	3,000
Switzerland.....	1953	17.0	10.2	29.8	1939-44	62.7	67.0	1952/53	3,110
Syria <sup>40</sup> .....	1953	<sup>5</sup> 25.3	7.0	<sup>5</sup> 44.0					
Thailand.....	1952	29.1	9.7	63.3	1947-48	48.7	51.9		
Turkey.....									
Union of South Africa.....	1953	<sup>28</sup> 25.7	<sup>28</sup> 8.9	<sup>28</sup> 34.1	1945-47	<sup>28</sup> 63.8	<sup>28</sup> 68.3	1952/53	2,650
								1952	2,700

See footnotes at end of table.



## No. 1154.—VITAL STATISTICS AND NET FOOD SUPPLY—Continued

[See text, p. 948, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented as follows: a represents 1952; b, 1951; c, 1950; d, 1949; e, 1948; f, 1947; g, 1946; h, 1945; i, 1944; j, 1943; k, 1942; l, 1941; m, 1940]

COUNTRY	Year	Crude birth rate	Crude death rate	Infant mortality rate	EXPECTATION OF LIFE AT BIRTH			NET FOOD SUPPLY PER PERSON	
					Period	Male	Female	Year <sup>1</sup>	Calories per day
U.S.S.R.					1926-27	<sup>41</sup> 41.9	<sup>41</sup> 46.8		
United Kingdom	1953	15.9	<sup>42</sup> 11.4	27.5	1952	<sup>43</sup> 67.1	<sup>43</sup> 72.4	1952/53	3,060
Uruguay	1949	<sup>i</sup> 20.7	7.8	<sup>i</sup> 65.7				1952	2,940
Venezuela	1953	<sup>39</sup> 46.1	<sup>39</sup> 9.9	<sup>39</sup> 67.7				1951	2,280
Yugoslavia	1953	28.3	12.4	116.5					

<sup>1</sup> Diagonal indicates 12-month period beginning in 1 calendar year, ending in the following.

<sup>2</sup> Based on a 50-percent sample of births.

<sup>3</sup> White population only. Data for nonwhite population are as follows: 1950, male 59.2 years, female 63.2 years; 1951, male 59.4 years, female 63.7 years.

<sup>4</sup> Excludes deaths in area of war operations.

<sup>5</sup> Excludes infants dying before registration of birth.

<sup>6</sup> Excludes full-blooded aborigines.

<sup>7</sup> Includes Armed Forces outside country.

<sup>8</sup> Includes Armed Forces.

<sup>9</sup> Luxembourg included with Belgium.

<sup>10</sup> Excludes live-born infants dying within 24 hours of birth.

<sup>11</sup> Federal district only.

<sup>12</sup> Excludes Southern Dobruja.

<sup>13</sup> Certain towns only, numbering 60 and having a population of approximately 1.3 million.

<sup>14</sup> Excludes Yukon and Northwest Territories.

<sup>15</sup> Includes events among Canadian residents temporarily in United States; excludes events among United States residents temporarily in Canada.

<sup>16</sup> Based on births registered within 2 years of occurrence.

<sup>17</sup> Taiwan (Formosa).

<sup>18</sup> Excludes tribal aborigines and foreigners.

<sup>19</sup> Based on baptisms recorded in church registers.

<sup>20</sup> Based on burial permits.

<sup>21</sup> Excludes Faeroe Islands.

<sup>22</sup> Based on live births tabulated by date of occurrence.

<sup>23</sup> Exclude events in Galápagos Islands and Provinces of Napo Postaza and Santiago Zamora, but computed on total population.

<sup>24</sup> Department of Guatemala only.

<sup>25</sup> Registration area.

<sup>26</sup> Estimated. Data relate to an area with 294,749,000 inhabitants at 1951 Census.

<sup>27</sup> Indonesian population; Java and Madura only.

<sup>28</sup> Europeans only.

<sup>29</sup> Based on births registered within 1 year of occurrence.

<sup>30</sup> Jewish population only.

<sup>31</sup> Japanese nationals only.

<sup>32</sup> Lebanese nationals only.

<sup>33</sup> Includes births occurring outside country if one or both parents are listed in a Netherlands population register.

<sup>34</sup> Includes deaths of person outside country if listed in a Netherlands population register.

<sup>35</sup> Excludes Maoris.

<sup>36</sup> Includes births to Norwegian residents temporarily in Sweden.

<sup>37</sup> Includes deaths of Norwegian residents temporarily abroad.

<sup>38</sup> Excludes tribal Indians.

<sup>39</sup> Excludes Indian jungle population.

<sup>40</sup> Excludes nomad and semi-nomad population.

<sup>41</sup> European part only; probably territory as of period specified.

<sup>42</sup> Excludes deaths among Armed Forces outside country.

<sup>43</sup> England and Wales only.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1155.—INDEXES OF PRODUCTION, EMPLOYMENT, PRICES, AND RETAIL TRADE

[1948=100 except for agricultural production. See text, p. 948, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a, represents 1952; b, 1951; c, 1950; d, 1949; e, 1948; f, 1947]

COUNTRY	Year	PRODUCTION				Employment in manu- factur- ing <sup>2</sup>	PRICES			Retail trade <sup>3</sup>
		Agricultural (Prewar=100) <sup>1</sup>		Min- ing	Manu- factur- ing in- dus- tries		Cost of living <sup>3</sup>	Whole- sale prices <sup>4</sup>	Market prices of indus- trial shares <sup>5</sup>	
		All com- modi- ties	Food							
United States	1950	131	138	99	110	97	100	99	<sup>8</sup> 120	110
	1951	135	137	108	117	103	108	110	<sup>6</sup> 147	<sup>7</sup> 100
	1952	138	142	108	121	103	110	107	<sup>6</sup> 156	104
	1953			109	132	109	111	105	<sup>6</sup> 156	108
Argentina	1953	a <sup>6</sup> 85	a <sup>6</sup> 86	117	92	88	324	d 119	<sup>9</sup> 64	186
Australia	1953	a 120	a 116			<sup>10</sup> 11 105	178	<sup>12</sup> 189	<sup>9</sup> 102	204
Austria	1953	108	108	<sup>13</sup> 174	<sup>13</sup> 185		<sup>14</sup> 202	<sup>12</sup> 239	<sup>15</sup> 113	228
Belgium	1953	<sup>16</sup> 128	<sup>16</sup> 129	115	113	<sup>10</sup> 17 96	<sup>14</sup> 106	107	<sup>15</sup> 133	141
Bolivia	1953						<sup>16</sup> 625			
Brazil	1953	a <sup>6</sup> 129	a <sup>6</sup> 129			b <sup>10</sup> 19 97	162	191		
Burma	1953	a 89	a 89				104	<sup>20</sup> 111		
Canada	1953	a 170	a 168	152	122	<sup>10</sup> 113	120	114	<sup>6</sup> 149	154
Ceylon	1953	a 129	a 123				110			
Chile	1953	a <sup>6</sup> 128	a <sup>6</sup> 129	82	<sup>21</sup> 142	a 100	256	<sup>22</sup> 267		
China <sup>23</sup>	1953	a 121	a 119				<sup>24</sup> 649	<sup>25</sup> 598		
Colombia	1953	a <sup>6</sup> 173	a <sup>8</sup> 173				147	<sup>22</sup> 26 106	<sup>9</sup> 109	
Costa Rica	1953						<sup>27</sup> 122	99		
Cuba	1953	a 145	a 144				<sup>28</sup> 91	<sup>29</sup> 96		
Czechoslovakia	1949					f <sup>10</sup> 11 94	f 101	<sup>30</sup> 105		
Denmark	1953	135	135		118	109	<sup>31</sup> 123	<sup>22</sup> 134	<sup>32</sup> 98	131
Dominican Republic	1953						104	<sup>22</sup> 94		
Ecuador	1953						<sup>33</sup> 106	<sup>26</sup> 103		
Egypt	1953	a 119	a 124				105	108	<sup>34</sup> 60	
Finland	1953	127	128	<sup>35</sup> 115	<sup>35</sup> 125	98	157	<sup>22</sup> 158	<sup>6</sup> 213	<sup>36</sup> 202
France	1953	118	117	137	126	<sup>10</sup> 104	<sup>24</sup> 144	<sup>24</sup> 138	<sup>15</sup> 147	<sup>37</sup> 364
Germany, Western	1953	a 112	a 113	165	270	<sup>10</sup> 33 130	108	<sup>39</sup> 111		<sup>40</sup> 128
Greece	1953	a 108	a 111	<sup>41</sup> 431	<sup>42</sup> 193	<sup>43</sup> 97	160	<sup>40</sup> 141		
Guatemala	1953				<sup>42</sup> 108	92	121	112		
Honduras	1953						126			
Hungary	1949					f <sup>11</sup> 91	<sup>19</sup> 92	44 95		
Iceland	1953						172			
India	1953	a 101	a 103		<sup>45</sup> 124	a <sup>40</sup> 103	108	107	<sup>9</sup> 69	
Indonesia	1953	a 109	a 98				<sup>46</sup> 211	<sup>47</sup> 352		
Iran	1953						107	112		
Iraq	1953						73	80		
Ireland, Republic of	1953	111	111		<sup>46</sup> 143	<sup>10</sup> 49 112	126	129	<sup>15</sup> 71	
Israel	1953					<sup>10</sup> 59 93	<sup>51</sup> 208	229		
Italy	1953	127	128	163	163	99	117	96	a <sup>15</sup> 165	
Japan	1953	a 110	a 119	152	299	<sup>10</sup> 52 114	<sup>43</sup> 160	277	<sup>9</sup> 383	<sup>53</sup> 689
Korea, South	1953	a 100	a 102				<sup>14</sup> 4,871	<sup>54</sup> 3,775		
Lebanon	1953						<sup>31</sup> 88	78	<sup>15</sup> 77	
Luxembourg	1953	( <sup>10</sup> )	( <sup>10</sup> )	175	105		<sup>14</sup> 121			
Mexico	1953	a 161	a 148	<sup>55</sup> 112	138	103	<sup>56</sup> 141	151	<sup>9</sup> 212	143
Netherlands	1953	128	127	<sup>57</sup> 111	146	109	<sup>24</sup> 122	<sup>22</sup> 134	<sup>9</sup> 88	125
New Zealand	1953	a <sup>8</sup> 124	a <sup>6</sup> 121		a 118	a <sup>10</sup> 107	134	<sup>22</sup> 139	<sup>15</sup> 85	
Nicaragua	1953						<sup>46</sup> 155	161		
Norway	1953	114	114	150	138	107	<sup>24</sup> 136	<sup>22</sup> 152	<sup>15</sup> 102	148
Pakistan	1953	a 103	a 109				112			
Panama	1953						<sup>46</sup> 93			
Paraguay	1953						1,175	<sup>16</sup> 935		
Peru	1953	a <sup>6</sup> 140	a <sup>6</sup> 146				165	204	a <sup>9</sup> 94	
Philippines	1953	a 129	a 139			<sup>10</sup> 24 109	87	<sup>24</sup> 99		
Poland	1951					<sup>19</sup> 132	<sup>19</sup> 115			
Portugal	1953	a 105	a 105				101	<sup>22</sup> 116	<sup>9</sup> 115	

See footnotes at end of table.



# No. 1155.—INDEXES OF PRODUCTION, EMPLOYMENT, PRICES, AND RETAIL TRADE—Continued

[1948=100 except for agricultural production. See text, p. 948, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a, represents 1952; b, 1951; c, 1950; d, 1949; e, 1948; f, 1947]

COUNTRY	Year	PRODUCTION				Employment in manufacturing <sup>2</sup>	PRICES			Retail trade <sup>3</sup>
		Agricultural (Prewar=100) <sup>1</sup>		Mining	Manufacturing industries		Cost of living <sup>3</sup>	Wholesale prices <sup>3 4</sup>	Market prices of industrial shares <sup>5</sup>	
		All commodities	Food							
Spain.....	1953	a 104	a 102	142	145		127	175	<sup>9</sup> 86	
Sweden.....	1953	115	114		<sup>48</sup> 111	<sup>58</sup> 96	130	<sup>22</sup> 139	<sup>15 19</sup> 144	<sup>59</sup> 135
Switzerland.....	1953	a 116	a 116			103	104	<sup>22</sup> 98	<sup>6</sup> 111	114
Syria.....	1953						<sup>60</sup> 82	<sup>24 61</sup> 110		
Thailand.....	1953	a 144	a 139				135	103		
Turkey.....	1953	a 166	a 162	174	141		112	<sup>22</sup> 107		
Union of South Africa.....	1953	a <sup>8</sup> 128	a <sup>8</sup> 135		c <sup>62</sup> 127	a <sup>10 63</sup> 112	<sup>31 64</sup> 130	<sup>22</sup> 149	<sup>9</sup> 56	
United Kingdom.....	1953	a 129	a 130	<sup>65</sup> 109	123	<sup>10 17 66</sup> 108	<sup>67</sup> 106	150	<sup>15</sup> 102	<sup>40 66</sup> 124
Uruguay.....	1953	a <sup>9</sup> 129	a <sup>8</sup> 123			f 98	140			
Venezuela.....	1953						117	99	<sup>15</sup> 129	
Yugoslavia.....	1953	109	109	125	<sup>68</sup> 122	<sup>10 26</sup> 104	<sup>43</sup> 81	<sup>26 69</sup> 99		451
World total.....	1953			<sup>70</sup> 122	<sup>70</sup> 139					

<sup>1</sup> 1934-38=100, except as follows: Western Germany and Greece, 1935-38; Spain, 1931-35; Australia, 1936-39; and Canada, New Zealand, Union of South Africa, United States, and the Latin American countries, 1935-39; India and Pakistan, 1936-38. Refers to crop year, beginning in year indicated, except as noted.

<sup>2</sup> Refers, in general, to wage earners in manufacturing excluding public utilities, building, and other construction).

<sup>3</sup> In many instances, represents index only for principal city (or cities) of particular country.

<sup>4</sup> General wholesale price index numbers usually weighted by gross value of sales on wholesale markets.

<sup>5</sup> Indexes based primarily on common shares traded on leading exchange or exchanges of each country, intended to cover representative sample of companies in manufacturing, mining, and construction fields, excluding wherever possible companies in public utilities, transportation, distribution, and finance fields.

<sup>6</sup> Average of quotations for same day each week.

<sup>7</sup> Beginning 1951, 1951=100.

<sup>8</sup> Calendar year.

<sup>9</sup> Average of daily quotations; Argentina, Colombia, Japan, Portugal, and Spain—general index.

<sup>10</sup> Includes salaried employees.

<sup>11</sup> Includes public utilities.

<sup>12</sup> Home consumption of food, farm products, and industrial raw materials.

<sup>13</sup> Magnesite mining included with manufacturing industries.

<sup>14</sup> Excludes rent.

<sup>15</sup> Average of quotations for same day each month; Italy, Ireland, and Lebanon—general index.

<sup>16</sup> Luxembourg included with Belgium.

<sup>17</sup> June.

<sup>18</sup> December.

<sup>19</sup> Less than 12 months.

<sup>20</sup> Farm products.

<sup>21</sup> Includes manufactured gas.

<sup>22</sup> Home consumed goods.

<sup>23</sup> Taiwan (Formosa) only.

<sup>24</sup> 1949=100.

<sup>25</sup> June 15, 1949=100.

<sup>26</sup> 1952=100.

<sup>27</sup> September 1949=100.

<sup>28</sup> Retail price index of food.

<sup>29</sup> August 1952=100.

<sup>30</sup> January–September.

<sup>31</sup> Includes direct taxes.

<sup>32</sup> Average of highest and lowest quotations each month.

<sup>33</sup> August 1950–July 1951=100.

<sup>34</sup> Average of end-of-month quotations.

<sup>35</sup> Nonmetallic mining included with manufacturing industries.

<sup>36</sup> Sales of all cooperative societies representing about 33 percent of total retail trade in 1953.

<sup>37</sup> Groceries only.

<sup>38</sup> June, September, December=100.

<sup>39</sup> Industrial products only.

<sup>40</sup> 1950=100.

<sup>41</sup> Excludes lignite mining.

<sup>42</sup> General industrial index; includes electricity and manufactured gas.

<sup>43</sup> 1951=100.

<sup>44</sup> January–June.

<sup>45</sup> General industrial index; includes mining and manufactured gas.

<sup>46</sup> Food only.

<sup>47</sup> Unweighted index of 44 imported items.

<sup>48</sup> General industrial index; includes mining.

<sup>49</sup> Includes working proprietors. September data.

<sup>50</sup> December 1951=100. Wage earners only.

<sup>51</sup> September 1951=100.

<sup>52</sup> July 1950=100.

<sup>53</sup> Department stores only.

<sup>54</sup> August–December.

<sup>55</sup> Includes nonferrous metallurgy.

<sup>56</sup> Food, clothing, coal, and soap.

<sup>57</sup> Coal mining only.

<sup>58</sup> Includes mining.

<sup>59</sup> Food, beverages, and tobacco. Sales of cooperatives excluded.

<sup>60</sup> Food, soap, kerosene, and cigarettes.

<sup>61</sup> Raw materials only.

<sup>62</sup> General industrial index; includes building, electricity, and manufactured gas.

<sup>63</sup> Includes building.

<sup>64</sup> Europeans only.

<sup>65</sup> Excludes open-cast coal mining.

<sup>66</sup> Excludes Northern Ireland.

<sup>67</sup> January 1952=100.

<sup>68</sup> General industrial index; includes mining, electricity, and manufactured gas.

<sup>69</sup> Producers' prices of industrial products.

<sup>70</sup> Excludes U.S.S.R., Bulgaria, China, Czechoslovakia, Hungary, Poland, Romania, and Eastern Germany.

Source: Statistical Office of the United Nations; Statistical Yearbook.

## No. 1156.—INDUSTRIAL ORIGIN OF NET DOMESTIC PRODUCT (PERCENT DISTRIBUTION)

[Figures relate to the product of all industry within a nation's boundaries; it is given in this table at factor cost and therefore equals the sum of factor incomes (wages, rent, profits, interest) paid by industry. Exceptions are listed in the footnotes. Estimates are not fully uniform from country to country in items of income covered and industrial classifications used. Some of the major differences are indicated in footnotes below. In general, "Trade" covers wholesale and retail distribution; "Transport and communications" includes utilities; "Public administration and defense" includes administration, defense, justice, and police, but not public enterprises nor other services which are classified under relevant industry; category "All others" comprises finance, insurance, ownership of dwellings, and personal and other services. See text, p. 948, for general comments concerning quality of the data]

COUNTRY	Year	PERCENT BY INDUSTRIAL ORIGIN							
		Agriculture, forestry, fishing	Mining	Manufacturing	Construction	Transport and communications	Trade	Public administration, defense	All others
United States.....	1950	7	2	31	5	9	18	<sup>1</sup> 10	<sup>2</sup> 18
	1951	7	2	32	5	8	18	<sup>1</sup> 11	<sup>2</sup> 17
	1952	7	2	31	5	8	17	<sup>1</sup> 12	<sup>2</sup> 18
	1953	6	2	32	5	9	17	<sup>1</sup> 11	<sup>2</sup> 18
Austria <sup>3</sup> .....	1952	16	42		7	9	8	8	10
Canada.....	1953	12	4	30	6	10	14	<sup>4</sup> 9	<sup>2</sup> 15
Chile <sup>6</sup> .....	1950	17	6	23	2	6	16	7	23
Colombia.....	1950	42	2	16	1	7	9	7	16
Denmark <sup>6</sup> .....	1953	<sup>7</sup> 22		28	7	9	<sup>8</sup> 16	9	9
Finland.....	1952	26	<sup>9</sup> 31		9	7	<sup>8</sup> 13	<sup>4</sup> 9	5
Germany, Western.....	1953	11	<sup>9</sup> 49		7	8	9	<sup>4</sup> 9	7
Greece <sup>10</sup> .....	1952	38	1	19	4	6	11	9	12
Honduras <sup>6</sup> .....	1952	54	1	10	<sup>11</sup> 1	7	9	3	15
India.....	<sup>12</sup> 1950	51	1	15		17		5	11
Ireland, Republic of <sup>13</sup> .....	1952	32		25		17		9	<sup>14</sup> 17
Israel <sup>6</sup> .....	1953	10	<sup>9</sup> 26		6	<sup>15</sup> 43		15	
Italy <sup>16</sup> .....	1952	26	1	31	5	8	<sup>8</sup> 13	<sup>4</sup> 11	5
Japan.....	<sup>12</sup> 1952	24	4	23	4	8	17	<sup>4</sup> 4	16
Mexico.....	1950	20	4	18	2	5	31	5	<sup>17</sup> 15
Netherlands <sup>18</sup> .....	1953	12	3	36	6	20		6	
New Zealand <sup>6</sup> .....	<sup>12</sup> 1951	27	1	22	5	<sup>19</sup> 8		37	17
Norway.....	1953	14	2	32	10	13	12	4	13
Paraguay <sup>20</sup> .....	1953	50		19		1	13	4	13
Peru <sup>21</sup> .....	1952	38	9	11	<sup>22</sup> 5		16	13	8
Philippines <sup>5</sup> .....	1953	40	1	16	4	3	11	<sup>4</sup> 7	<sup>23</sup> 18
Portugal <sup>6</sup> .....	1953	30		35		30		5	( <sup>24</sup> )
Thailand <sup>25</sup> .....	1950	57	2	13	1	1	15	4	7
Turkey.....	1952	57		13		4	9	9	8
Union of South Africa.....	<sup>26</sup> 1952	15	13	25		8	13	10	16
United Kingdom <sup>27</sup> .....	1953	5	5	38	6	10	12	6	18

<sup>1</sup> Includes all public enterprises and services; excludes profits of public enterprises.

<sup>2</sup> Includes cash rents paid by business.

<sup>3</sup> Gross domestic product at market prices of 1951.

<sup>4</sup> Includes all services of general government.

<sup>5</sup> National income.

<sup>6</sup> Gross domestic product at factor cost.

<sup>7</sup> Includes slaughtering and dairy production.

<sup>8</sup> Includes banking and insurance.

<sup>9</sup> Includes utilities.

<sup>10</sup> Excludes income from ocean shipping.

<sup>11</sup> Most construction on own-account.

<sup>12</sup> Year beginning April.

<sup>13</sup> Adjustment for stock valuation not taken into account.

<sup>14</sup> Includes net rent of business premises.

<sup>15</sup> Includes other services.

<sup>16</sup> Unadjusted for duplications and omissions.

<sup>17</sup> Includes cash rents paid by business and net interest payments by public and private enterprises to persons and abroad.

<sup>18</sup> Unadjusted for interest of banks.

<sup>19</sup> Excludes utilities.

<sup>20</sup> Gross national product at market prices.

<sup>21</sup> National income including net international transfers.

<sup>22</sup> Includes income from some miscellaneous services.

<sup>23</sup> Includes all net investment income from abroad.

<sup>24</sup> Included in "Transport and communications" and "Trade."

<sup>25</sup> Gross domestic product at market prices.

<sup>26</sup> Year beginning July 1.

<sup>27</sup> Gross domestic product at factor cost, before stock valuation adjustment.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.



## No. 1157.—PRODUCTION OF FARM CROPS, MEAT, AND SUGAR

[In thousands of short tons. Prewar averages have been adjusted to present territorial boundaries. Crop production data pertain to harvest of the year indicated (or to harvests continuing into the first half of the following year for Southern Hemisphere and southerly regions of Northern Hemisphere). Meat production data pertain to the calendar year. Sugar production data are for the crop year September (of year indicated) to August in most cases. See text, p. 948, for general comments concerning quality of the data]

COUNTRY	WHEAT				CORN			
	Prewar		1950	1953	Prewar		1950	1953
	Period	Average quantity			Period	Average quantity		
United States.....	1934-38	21,469	30,583	35,057	1934-38	58,495	85,618	88,944
Argentina.....	1934-38	7,313	6,389	6,934	1934-38	8,699	2,943	5,190
Australia.....	1934-38	4,630	5,527	5,970	1934-38	205	132	<sup>1</sup> 140
Austria.....	1934-38	460	423	549	1934-38	187	132	187
Belgium.....	1934-38	<sup>2</sup> 522	<sup>2</sup> 615	<sup>2</sup> 633				
Brazil.....	1934-38	159	586	906	1934-38	6,258	6,854	6,713
Canada.....	1934-38	7,904	13,851	18,420	1934-38	190	388	584
Chile.....	1934-38	938	1,075	1,074				
China <sup>3</sup> .....	1931-37	23,968	23,143	<sup>1</sup> 23,997	1931-37	7,162	7,253	<sup>1</sup> 7,264
Colombia.....	1934-38	117	112	154	1934-38	547	683	<sup>1</sup> 1,023
Cuba.....							182	187
Czechoslovakia.....	1934-38	1,668	1,698		1934-38	191	259	
Denmark.....	1934-38	422	328	312				
Dominican Republic.....					1936-38	150	91	<sup>1</sup> 97
Egypt.....	1934-38	1,305	1,122	1,705	1934-38	1,781	1,440	2,043
El Salvador.....					1934-38	162	224	194
Ethiopia.....			99		1938	100	132	
Finland.....	1934-38	157	326	240				
France.....	1934-38	8,976	8,489	9,900	1934-38	596	445	885
Germany, Western <sup>4</sup> .....	1934-38	<sup>2</sup> 2,761	2,881	3,505				
Greece.....	1934-38	833	937	1,543	1934-38	271	215	341
Guatemala.....					1934-38	261	591	529
Honduras.....					1930	192	190	211
Hungary.....	1934-38	2,447	2,249		1934-38	2,542		
India <sup>5</sup> .....	1936-38	8,169	7,045	7,573	1936-38	2,436	1,906	3,197
Indonesia.....					1934-38	2,180	1,676	1,992
Iran.....	1934-38	<sup>6</sup> 2,060	2,495	2,475				
Iraq.....	1934-38	527	601	840				
Ireland, Republic of.....	1934-38	196	367	461				
Israel.....			30	31				
Italy.....	1934-38	7,996	8,965	9,965	1934-38	3,307	2,120	3,535
Japan.....	1934-38	1,420	1,475	1,515				
Mexico.....	1934-38	412	647	740	1934-38	1,835	3,441	4,189
Netherlands.....	1934-38	474	325	274				
New Zealand.....	1934-38	202	188	138				
Pakistan.....	1936-38	3,509	4,433	2,730	1936-38	401	412	489
Paraguay.....					1934-38	67	110	<sup>1</sup> 118
Peru.....	1934-38	84	159	187	1928	498		<sup>1</sup> 505
Philippines.....					1934-38	471	791	861
Poland.....	1934-38	2,166	2,044					
Portugal.....	1934-38	526	639	725	1934-38	325	531	386
Spain.....	1931-35	4,841	3,726	3,368	1931-35	782	591	779
Sweden.....	1934-38	767	815	1,098				
Switzerland.....	1934-38	<sup>2</sup> 216	<sup>2</sup> 279	<sup>2</sup> 279				
Syria.....	1934-38	506	915	959				
Turkey.....	1934-38	3,761	<sup>2</sup> 4,389	<sup>2</sup> 8,966	1934-38	614	692	837
Union of South Africa.....	1936	<sup>7</sup> 471	<sup>7</sup> 782	<sup>7</sup> 582	1934-38	2,199	2,999	3,946
United Kingdom.....	1934-38	1,921	2,919	2,984				
Uruguay.....	1934-38	402	480	903	1934-38	153	219	259
Venezuela.....					1936	398	398	<sup>1</sup> 378
Yugoslavia.....	1934-38	<sup>2</sup> 2,719	<sup>2</sup> 2,017	<sup>2</sup> 2,767	1934-38	5,190	2,298	4,223
World total <sup>8</sup> .....	1934-38	141,978	157,630	180,338	1934-38	121,695	144,403	158,733

<sup>1</sup> For 1952.<sup>2</sup> Includes spelt.<sup>3</sup> 22 provinces (represents 90 percent of population).<sup>4</sup> Excludes Berlin.<sup>5</sup> Includes estimates for nonreporting areas.<sup>6</sup> Average of 3 years.<sup>7</sup> Crop grown on farms and estates.<sup>8</sup> Excludes U.S.S.R.

## No. 1157.—PRODUCTION OF FARM CROPS, MEAT, AND SUGAR—Continued

[In thousands of short tons. See text, p. 948, for general comments concerning quality of the data]

COUNTRY	RICE				POTATOES			
	Prewar		1950	1953	Prewar		1950	1953
	Period	Average quantity			Period	Average quantity		
United States.....	1934-38	1,054	1,935	2,627	1934-38	11,050	12,897	11,212
Argentina.....	1934-38	56	155	237	1934-38	731	1,719	1,800
Australia.....	1934-38	47	86	90	1934-38	378	461	504
Austria.....					1934-38	3,136	2,809	3,634
Belgium.....					1934-38	3,493	2,555	2,115
Bolivia.....					1938	101		298
Brazil.....	1934-38	1,505	3,508	3,417	1934-38	383	796	898
Burma.....	1934-38	7,684	5,732	6,191				
Canada.....					1934-38	2,111	2,922	<sup>9</sup> 2,011
Ceylon.....	1934-38	459		610				
Chile.....	1934-38	12	44	97	1934-38	480	467	<sup>1</sup> 604
China <sup>3</sup> .....	1931-37	55,187	<sup>10</sup> 51,478		1931-37	2,102		
Colombia.....	1934-38	109	266	337	1934-38	267	397	<sup>1</sup> 661
Costa Rica.....	1934-38	<sup>11</sup> 12	36	26				
Cuba.....	1935-39	22	83	187				
Czechoslovakia.....					1934-38	10,621	8,267	
Denmark.....					1934-38	1,487	2,039	2,078
Dominican Republic.....	1934-38	39	66	86				
Ecuador.....	1934-38	73	105	149	1935-39	132	52	154
Egypt.....	1934-38	671	1,369	719	1934-38	52	176	266
El Salvador.....	1934-38	14	23	26				
Finland.....					1934-38	1,213	1,597	1,520
France.....					1934-38	18,913	15,907	16,469
Germany, Western <sup>4</sup> .....					1934-38	21,609	30,818	27,045
Greece.....	1937-38	4		73	1935-38	163	384	491
Honduras.....	1934-38	7	11					
India.....	1936-38	<sup>5</sup> 37,679	<sup>5</sup> 34,023	<sup>5</sup> 45,490	1935-39	2,021	1,830	1,856
Indonesia.....	1934-38	7,197	6,720	<sup>12</sup> 7,112				
Iran.....	1934-37	466	496	551				
Iraq.....	1934-38	226	267	314				
Ireland, Republic of.....								
Italy.....	1934-38	830	778	1,021	1934-38	2,847	3,219	3,043
Japan.....	1934-38	12,678	<sup>13</sup> 13,298	<sup>13</sup> 11,352	1934-38	2,895	2,673	3,448
Korea.....	1934-38	4,643	<sup>14</sup> 3,235	<sup>14</sup> 3,748	1934-38	1,788	2,692	2,905
Luxembourg.....					1934-38	719	<sup>14</sup> 271	<sup>14</sup> 298
Mexico.....	1934-38	84	206	168	1934-38	224	161	143
Netherlands.....					1934-38	74	149	163
New Zealand.....					1934-38	2,998	4,467	4,055
Norway.....					1934-38	132	134	111
Pakistan.....	1936-38	12,312	13,768	15,373	1934-38	983	1,230	1,377
Panama.....			94	122				
Peru.....	1934-38	95	228	254	1929	904	1,506	1,433
Philippines.....	1934-38	2,402	3,048	3,508				
Poland.....					1934-38	41,903	40,604	
Portugal.....	1934-38	73	133	142	1934-38	612	1,243	1,186
Spain.....	1931-35	323	333	433	1931-35	5,372	3,164	4,097
Sweden.....					1934-38	2,036	1,911	1,920
Switzerland.....								
Thailand.....	1934-38	4,803	7,476	9,039	1934-38	811	1,243	1,087
Turkey.....	1934-38	120	95	198				
Union of South Africa.....					1934-38	191	667	1,134
United Kingdom.....					1934-38	<sup>7</sup> 186	263	412
Uruguay.....	1934-38	19	41	<sup>1</sup> 56	1934-38	5,524	10,648	9,006
Venezuela.....	1936	14	35	45				
Yugoslavia.....								
World total <sup>8</sup> .....	1934-38	166,669	166,008	185,850	1935-38	1,651	1,123	2,254
					1934-38	174,716	189,046	176,700

<sup>1</sup> For 1952.<sup>3</sup> 22 provinces (represents 90 percent of population).<sup>4</sup> Excludes Berlin.<sup>5</sup> Includes estimates for nonreporting areas.<sup>7</sup> Crop grown on farms and estates.<sup>8</sup> Excludes U.S.S.R.<sup>9</sup> Not strictly comparable with earlier years shown.<sup>10</sup> Includes Manchuria.<sup>11</sup> Average of 2 years.<sup>12</sup> Irrigated only.<sup>13</sup> Excludes Ryukyu Islands.<sup>14</sup> South Korea only.



## No. 1157.—PRODUCTION OF FARM CROPS, MEAT, AND SUGAR—Continued

[In thousands of short tons. See text, p. 948, for general comments concerning quality of the data]

COUNTRY	MEAT <sup>15</sup>				SUGAR <sup>16</sup>		COTTON			
	Prewar		1950	1953	1950	1953	Prewar		1950	1953
	Period	Average quantity					Period	Average quantity		
United States.....	1935-39	8,091	11,040	12,398	2,488	<sup>1</sup> 2,143	1934-38	3,038	2,393	3,935
Afghanistan.....	1934-38	<sup>17</sup> 1,245	<sup>17</sup> 1,305	<sup>17</sup> 1,213	<sup>18</sup> 676	<sup>18</sup> 783	1934-38	11	8	14
Argentina.....	1934-38	1,047	1,125	1,295	<sup>18</sup> 1,108	<sup>18</sup> 1,357	1934-38	66	121	170
Australia.....	1933-37	<sup>19</sup> 304	216	308	128	<sup>1</sup> 146				
Austria.....	1936-38	347	355	398	491	450				
Belgium.....	1935-39	<sup>20</sup> 1,199	<sup>20</sup> 1,351	<sup>1</sup> <sup>20</sup> 1,386	2,094	<sup>1</sup> 2,513	1934-38	391	433	428
Brazil.....					50	77	1934-38	8	8	<sup>1</sup> 10
Bulgaria.....							1934-38	23	9	20
Burma.....	1935-39	709	958	992	<sup>21</sup> 167	<sup>21</sup> 136				
Canada.....			<sup>17</sup> 19	<sup>17</sup> 22						
Ceylon.....										
Chile.....	1935-39	165	184							
China.....					441	<sup>1</sup> 496	1934-38	750	573	794
Colombia.....			369		175		1934-38	6	9	18
Cuba.....					6,348	5,391				
Czechoslovakia.....	1936	409			970	<sup>1</sup> 689				
Denmark.....	1935-39	483	482	622	409	405				
Dominican Rep.....					586	<sup>1</sup> 695				
Egypt.....					215	298	1934-38	441	421	351
Finland.....	1934-38	127	117	130						
France.....	1934-38	1,830	2,095	2,414	1,580	1,804				
Germany, Western.....	1938	1,946	1,642	2,136	<sup>22</sup> 1,984	<sup>22</sup> 1,583	1934-38	18	29	35
Greece.....	1935-38	103	68	91			1934-38	6	1	2
Haiti.....					64	50				
Hungary.....					281	292				
Iceland.....	1934-38	8	9							
India.....					<sup>23</sup> 1,369	<sup>1</sup> <sup>23</sup> 1,585	1934-38	<sup>24</sup> 1,268	<sup>24</sup> 582	<sup>24</sup> 772
Indonesia.....					306	682				
Iran.....					61		1934-38	37	31	47
Ireland, Republic of.....	1934-38	176	161	208	108	123				
Italy.....	1934-38	653	563	667	692	841				
Japan.....	1934-38	<sup>25</sup> 130	<sup>25</sup> 150	<sup>25</sup> 193	48	<sup>1</sup> 53				
Korea.....							1934-38	41	<sup>14</sup> 22	<sup>14</sup> 18
Luxembourg.....	1937	19	18	20						
Mexico.....	1936	<sup>25</sup> 236	<sup>25</sup> 244		815	<sup>1</sup> 954	1934-38	76	287	302
Netherlands.....	1934-38	351	365	438	450	496				
New Zealand.....	1937-39	508	623	622						
Norway.....	1935-38	108	112	110						
Pakistan.....					<sup>26</sup> 55				252	282
Paraguay.....							1934-38	10	12	18
Peru.....					<sup>27</sup> 508	<sup>27</sup> 669	1934-38	93	93	117
Philippines.....	1934-38	74	149		<sup>28</sup> 920	<sup>1</sup> <sup>28</sup> 1,113				
Poland.....					1,047	1,235				
Portugal.....	1934-38	<sup>17</sup> 58	<sup>17</sup> 83	<sup>17</sup> 91						
Romania.....					121	143				
Spain.....	1935	644	476	<sup>1</sup> 459	218	353	1934-38	2	4	22
Sweden.....	1934-38	314	321	343	344	401				
Switzerland.....	1936-39	207	197	218						
Syria.....							1934-38	7	39	53
Thailand.....							1934-38	2	8	10
Turkey.....	1934-38	<sup>17</sup> 65	<sup>17</sup> 97	<sup>1</sup> <sup>17</sup> 119	168	<sup>1</sup> 200	1934-38	57	130	153
Union of South Africa.....	1934-38	<sup>17</sup> <sup>29</sup> 321	<sup>17</sup> <sup>29</sup> 464	<sup>17</sup> <sup>29</sup> 486	669	730				
United Kingdom.....	1936-38	1,408	1,249	1,497	843	891				
Uruguay.....	1938	379	420	408						
Venezuela.....					51	<sup>1</sup> 56				
Yugoslavia.....					104	204				
World total <sup>8</sup> .....					34,216	<sup>1</sup> 34,932	1934-38	6,449	5,864	8,091

<sup>1</sup> Data for 1952.<sup>8</sup> Excludes U.S.S.R. <sup>14</sup> South Korea only.<sup>15</sup> Refers to beef and veal (including buffalo meat), pork (including bacon and ham), mutton and lamb (including goat meat). Excludes lard, tallow, and offals. Figures relate to commercial and farm slaughter.<sup>16</sup> Beet and cane. Figures expressed generally in terms of raw sugar.<sup>17</sup> Inspected production. <sup>18</sup> Cane sugar.<sup>19</sup> Includes offals, tallow, and lard.<sup>20</sup> Product weight. Includes pork fat.<sup>21</sup> Calendar-year data.<sup>22</sup> Includes production of Eastern Germany.<sup>23</sup> White sugar refined from cane, gur, and khandsari.<sup>24</sup> Excludes Burma. Includes Pakistan for 1934-38.<sup>25</sup> Commercial production. <sup>26</sup> White sugar.<sup>27</sup> Includes chancaca. <sup>28</sup> Centrifugal sugar.<sup>29</sup> Excludes meat from animals slaughtered in villages.Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1158.—ENERGY, MANUFACTURING, IMPORTS, AND EXPORTS

[See text, p. 948, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented as follows: a represents 1952; b, 1951; c, 1950; d, 1949; e, 1948; f, 1947; g, 1946]

COUNTRY	Year	Production of electric energy <sup>1</sup>	Consumption of sources of energy (in terms of coal equivalent) <sup>2</sup>	MANUFACTURING <sup>3</sup>		Imports <sup>6</sup>	Exports <sup>6</sup>
				Establishments <sup>4</sup>	Persons employed, total <sup>5</sup>		
		1,000,000 kwh	1,000 short tons	Number	1,000	\$1,000,000	\$1,000,000
United States.....	1950	388,674	1,285,753	<sup>7</sup> 247,300	<sup>7</sup> 14,369	<sup>8 9</sup> 8,853	<sup>9 10</sup> 10,149
	1951	433,358	1,356,442	<sup>7</sup> 262,000	<sup>7</sup> 15,613	<sup>8 9</sup> 10,921	<sup>9 10</sup> 14,888
	1952	463,055	1,348,800	<sup>7</sup> 267,000	<sup>7</sup> 15,944	<sup>8 9</sup> 10,815	<sup>9 10</sup> 15,044
	1953	514,169	1,397,101			<sup>8 9</sup> 10,875	<sup>9 10</sup> 15,653
Afghanistan.....	1951	17				e 58	e 49
Argentina.....	1953	<sup>11</sup> 4,927	17,097	e 80,436	e 1,142	f 1,343	f 1,613
Australia.....	1953	12,045	32,700	<sup>12</sup> 47,292	<sup>12 13</sup> 879	<sup>8</sup> 1,293	1,979
Austria.....	1953	8,764	13,304			<sup>14</sup> 546	538
Belgium.....	1953	9,806	<sup>15</sup> 36,418			<sup>15</sup> 2,405	<sup>15</sup> 2,251
Bolivia.....	1953	<sup>11</sup> 209	383	d 990	d 16	a 8 93	a 142
Brazil.....	1953	10,308	19,123	a <sup>18</sup> 11,475	a 729	a 2,010	a 1,409
Bulgaria.....	1953	<sup>11</sup> 1,500	2,390			f 74	f 86
Burma.....	1953		577	f <sup>17</sup> 473	f <sup>17</sup> 47	177	238
Canada.....	1953	a 66,104	<sup>18</sup> 111,376	a 37,929	a 1,288	<sup>8 13</sup> 4,454	<sup>18</sup> 4,241
Ceylon.....	1953	<sup>11 19</sup> 144	1,039			338	329
Chile.....	1953	a 3,302	6,101	b <sup>20 21</sup> 4,078	b <sup>21</sup> 184	336	412
China (Taiwan).....	1953	<sup>11</sup> 1,564		17,022	238	<sup>10</sup> 165	128
Colombia.....	1953	<sup>11 22</sup> 962	4,534			547	596
Costa Rica.....	1953		254	b 3,247	b 17	74	76
Cuba.....	1953	<sup>11</sup> 1,007	4,033			<sup>8</sup> 490	640
Czechoslovakia.....	1953	12,400	41,061	f 18,193	f 1,098	c 516	c 538
Denmark.....	1953	2,750	10,332	<sup>23</sup> 7,199	<sup>23</sup> 301	1,000	895
Dominican Republic.....	1953	<sup>11</sup> 168	295	<sup>24</sup> 3,529	<sup>24</sup> 64	<sup>8</sup> 87	104
Ecuador.....	1953	c 118	446	b 82	b 15	<sup>8</sup> 73	<sup>25</sup> 76
Egypt.....	1953	a <sup>11</sup> 673	a 5,212	a <sup>26</sup> 3,384	a <sup>26</sup> 250	503	394
El Salvador.....	1953		243	b 8,263	b 41	72	89
Ethiopia.....	1953	<sup>11</sup> 26	108	a <sup>28</sup> 123	a <sup>28 27</sup> 10	<sup>28</sup> 68	<sup>28</sup> 68
Finland.....	1953	5,403	6,552	a 5,591	a 301	530	572
France.....	1953	41,556	<sup>29</sup> 112,564			<sup>29</sup> 4,012	<sup>29</sup> 3,790
Germany, Western.....	1953	61,071	166,277	<sup>30</sup> 50,558	<sup>30</sup> 5,751	3,771	4,389
Greece.....	1953	<sup>11</sup> 903	2,543			294	132
Guatemala.....	1953	<sup>11</sup> 90	409	g <sup>31 32</sup> 757	g <sup>31 32</sup> 22	80	89
Haiti.....	1953	a <sup>11 33</sup> 16	86			44	38
Honduras.....	1953	b 55	287	f 243	f <sup>32</sup> 11	a <sup>8</sup> 67	a <sup>34</sup> 34
Hungary.....	1953	4,600	c 10,032	f 4,342	f 350	e 167	e 166
Iceland.....	1953	<sup>11</sup> 230	502	c 1,246	c 10	68	43
India.....	1953	6,627	45,595	b <sup>35</sup> 6,392	b <sup>35 38</sup> 1,632	<sup>37</sup> 1,143	<sup>37</sup> 1,101
Indonesia.....	1953	e <sup>11 33</sup> 362	6,971			753	820
Iran.....	1953					168	126
Iraq.....	1953	<sup>11 33</sup> 272	1,405			192	<sup>39</sup> 56
Ireland, Republic of.....	1953	<sup>11</sup> 1,246	3,536	a <sup>40</sup> 3,166	a <sup>40</sup> 139	514	320
Israel.....	1953	<sup>11 47</sup> 759	1,522	c 7,412	c 85	282	<sup>39</sup> 60
Italy.....	1953	32,619	45,675	b 631,870	b 3,564	<sup>42</sup> 2,399	<sup>42</sup> 1,488
Japan.....	1953	55,698	91,517	a <sup>43</sup> 168,109	a <sup>43</sup> 4,319	2,409	1,275
Korea, South.....	1953	736		f <sup>44</sup> 3,246	f <sup>44</sup> 201	e 206	e 19
Lebanon.....	1953	164	<sup>45</sup> 1,194			144	40
Liberia.....	1953	29	31			8	c 27
Luxembourg.....	1953	878	( <sup>15</sup> )			( <sup>15</sup> )	( <sup>15</sup> )
Mexico.....	1953	5,703	19,909		a 30	<sup>8</sup> 734	536
Netherlands.....	1953	9,603	23,666		b <sup>13 48</sup> 1,018	2,374	2,151
New Zealand.....	1953	a <sup>11</sup> 3,569	5,624	<sup>47</sup> 8,512	<sup>47</sup> 144	538	659
Nicaragua.....	1953	96	116			<sup>8</sup> 44	46
Norway.....	1953	19,622	17,425	<sup>48</sup> 6,085	<sup>13 48</sup> 262	<sup>49</sup> 912	<sup>49</sup> 509
Pakistan.....	1953	<sup>11</sup> 403	4,010			<sup>37</sup> 324	<sup>37</sup> 405
Panama.....	1953	<sup>11 50</sup> 100	310			<sup>8 51</sup> 69	<sup>51</sup> 15
Paraguay.....	1953	<sup>11 52</sup> 41	64			<sup>8</sup> 33	b 31
Peru.....	1953	a <sup>11 53</sup> 285	3,031	a <sup>54</sup> 315	a <sup>54</sup> 40	294	<sup>25</sup> 222
Philippines.....	1953	<sup>55</sup> 1,111	2,205	e 29,463	e 90	<sup>8</sup> 440	398
Poland.....	1953	13,600	57,540	f <sup>56</sup> 28,996	f <sup>56</sup> 1,443	e 516	e 533
Portugal.....	1953	1,377	3,142	a <sup>57 58</sup> 5,894	a <sup>57</sup> 1,493	332	220
Romania.....	1953	3,500	8,090	f <sup>59</sup> 3,834	f <sup>59</sup> 338		
Spain.....	1953	10,116	23,043			<sup>80</sup> 597	<sup>60</sup> 486
Sweden.....	1953	22,430	29,217	a <sup>81</sup> 15,349	a <sup>81</sup> 786	1,579	1,480
Switzerland.....	1953	13,465	12,911			1,179	1,204
Syria.....	1953	<sup>11</sup> 114	( <sup>45</sup> )			131	170
Thailand.....	1953	<sup>11 62</sup> 80	731			f 111	f 98

See footnotes at end of table.



## No. 1158.—ENERGY, MANUFACTURING, IMPORTS, AND EXPORTS—Continued

[See text, p. 948, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented as follows: a represents 1952; b, 1951; c, 1950; d, 1949; e, 1948; f, 1947; g, 1946]

COUNTRY	Year	Production of electric energy <sup>1</sup>	Consumption of sources of energy (in terms of coal equivalent) <sup>2</sup>	MANUFACTURING <sup>3</sup>		Imports <sup>6</sup>	Exports <sup>6</sup>
				Establishments <sup>4</sup>	Persons employed, total <sup>5</sup>		
		1,000,000 kwh	1,000 short tons	Number	1,000	\$1,000,000	\$1,000,000
Turkey.....	1953	1, 183	8, 315	c <sup>63</sup> 98, 828	c <sup>63</sup> 228	533	396
Union of South Africa.....	1953	13, 345	<sup>64</sup> 33, 871	b <sup>65</sup> 13, 393	b <sup>65</sup> 617	<sup>8</sup> 1, 191	938
United Kingdom.....	1953	<sup>66</sup> 67, 362	259, 513	b <sup>67</sup> 58, 921	b <sup>67</sup> 7, 512	9, 071	7, 230
Uruguay.....	1953	a <sup>11</sup> <sup>68</sup> 698	1, 990	b <sup>67</sup> 24, 296	b <sup>67</sup> 180	195	270
U.S.S.R.....	1953	133, 000					
Venezuela.....	1953	<sup>11</sup> <sup>69</sup> 841	7, 923			<sup>8</sup> 70 739	<sup>70</sup> 1, 445
Yugoslavia.....	1953	2, 982	7, 280	a <sup>71</sup> 1, 792	a <sup>71</sup> 378	395	186
World total.....	1953	<sup>72</sup> 1, 114, 600	<sup>73</sup> 2, 881, 551			<sup>74</sup> 75, 750	<sup>74</sup> 73, 600

<sup>1</sup> Comprises utilities (publicly and privately owned) generating primarily for public use, plus industrial establishments generating primarily for own use. Data relate to production at generating centers and therefore include transmission losses.

<sup>2</sup> Refers to gross inland consumption of commercial fuels and water power. Fuel wood and other vegetal fuels and peat omitted for want of adequate data although believed to provide a major share of energy supply in all but a few countries.

<sup>3</sup> Manufacturing relates to production (including repair work) in factories, and excludes mining, building and construction, and public utilities (gas, electricity, and water supply).

<sup>4</sup> In general, single plants or factories.

<sup>5</sup> Comprises wage earners and salaried employees and represents average number engaged in production (excluding sales and distribution staff). Salaried employees include working proprietors and directing, managing, clerical, and technical staff.

<sup>6</sup> Figures expressed in United States dollars of gold content fixed on Jan. 31, 1934, and refer to merchandise including silver (except current silver coin), excluding gold and issued paper currency. Imports are generally valued c. i. f.; exports, f. o. b. Postal and governmental trade are generally included; war reparations and restitutions are generally excluded. Figures shown are not distinguished here as to "general trade" or "special trade." Roughly half the countries fall into each category; see source publication for distinction as to categories. Comparability between countries is undoubtedly affected by this distinction.

<sup>7</sup> Establishments employing 1 or more persons (in addition to working proprietors). Includes distribution and construction employees on payrolls of manufacturing establishments; 4-month average.

<sup>8</sup> Imports valued f. o. b.

<sup>9</sup> Includes Alaska, Hawaii, and Puerto Rico.

<sup>10</sup> Includes foreign aid.

<sup>11</sup> Public utility plants only.

<sup>12</sup> Establishments employing 4 or more persons or using mechanical power.

<sup>13</sup> Excludes working proprietors.

<sup>14</sup> Includes imports under ERP and its successors.

<sup>15</sup> Luxembourg included with Belgium.

<sup>16</sup> Establishments in 22 State capitals having annual sales of not less than 200,000 cruzeiros.

<sup>17</sup> Factories employing 20 or more wage earners.

<sup>18</sup> Includes Newfoundland.

<sup>19</sup> Plants under government control only.

<sup>20</sup> Establishments employing 5 or more persons, having a capital of 100,000 pesos or more or production exceeding 250,000 pesos.

<sup>21</sup> Includes quarrying, music, and entertainment.

<sup>22</sup> Production by 3 principal enterprises.

<sup>23</sup> Establishments employing 6 or more wage earners. Excludes dairies and bacon factories, but includes their preserving and canning plants. Excludes working proprietors and home workers.

<sup>24</sup> All industries, of which manufacturing represents 97-98 percent.

<sup>25</sup> Includes gold.

<sup>26</sup> Establishments employing 10 or more workers. Egypt, June data.

<sup>27</sup> Includes 1,700 workers on sugar plantations.

<sup>28</sup> Federation of Ethiopia and Eritrea.

<sup>29</sup> Includes Saar.

<sup>30</sup> Establishments employing 10 or more persons. Includes mining.

<sup>31</sup> Establishments employing 5 or more persons.

<sup>32</sup> December data.

<sup>33</sup> Consumption in main cities except Jacmel.

<sup>34</sup> Includes bananas undervalued at "nominal" prices.

<sup>35</sup> Establishments employing 20 or more wage earners and using power.

<sup>36</sup> Includes distribution staff.

<sup>37</sup> Excludes land trade. <sup>38</sup> Consumption.

<sup>39</sup> Excludes pipeline exports of crude petroleum.

<sup>40</sup> Establishments employing 3 or more wage earners; excludes outside piece-workers.

<sup>41</sup> Sales. <sup>42</sup> Includes British-U.S. zone of Trieste.

<sup>43</sup> Privately owned establishments employing 4 or more wage earners. <sup>44</sup> Includes public utilities.

<sup>45</sup> Syria included with Lebanon. <sup>46</sup> Man-years.

<sup>47</sup> Establishments employing 2 or more persons or using mechanical power.

<sup>48</sup> Establishments whose wage earners were employed a total of 12,000 hours or more during year.

<sup>49</sup> Includes Svalbard. <sup>50</sup> Cities of Panama and Colon.

<sup>51</sup> Excludes Canal Zone and national exports to the Zone. <sup>52</sup> Asuncion.

<sup>53</sup> Consumption in cities of Lima and Callao.

<sup>54</sup> Establishments employing 8 or more persons.

<sup>55</sup> Incomplete data.

<sup>56</sup> Establishments employing 5 or more wage earners; includes mining. <sup>57</sup> December 31 data.

<sup>58</sup> Establishments of which 4,758 were active.

<sup>59</sup> Establishments employing 11 or more wage earners or having an installed capacity of more than 20 h.p.

<sup>60</sup> Includes Balearic and Canary Islands, Ceuta, and Melilla.

<sup>61</sup> Establishments employing 5 or more persons; including quarries, which cannot be separated from stone manufactures.

<sup>62</sup> Bangkok and Thomburi only.

<sup>63</sup> Excludes establishments in villages with 500 or less population.

<sup>64</sup> Includes Basutoland, Bechuanaland, Swaziland and South West Africa.

<sup>65</sup> Establishments employing 3 or more persons using any form of mechanical power.

<sup>66</sup> Great Britain only. Authorized undertakings plus railway and transit authorities; excludes industrial generation for own use.

<sup>67</sup> Establishments employing 11 or more persons; includes sales and distribution staff.

<sup>68</sup> Distribution.

<sup>69</sup> State of Miranda and 24 principal enterprises in rest of country.

<sup>70</sup> Excludes parcel post and air trade; exports include provisional valuation of petroleum.

<sup>71</sup> Establishments employing 20 or more wage earners or having an installed capacity of 20 h.p. or more.

<sup>72</sup> Excludes U.S.S.R., China Mainland, and some small producers.

<sup>73</sup> Excludes U.S.S.R., China, and Korea.

<sup>74</sup> Excludes Albania, Bulgaria, China Mainland, Czechoslovakia, Eastern Germany, Hungary, North Korea, Poland, Romania, and U. S. S. R.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1159.—COAL, PETROLEUM, CEMENT, IRON ORE, SULFURIC ACID, AND STEEL

[See text, p. 948, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are not for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1952; b, 1951; c, 1950; d, 1949; e, 1948; f, 1947; g, 1946]

COUNTRY	Year	PRODUCTION						STEEL CONSUMPTION <sup>7</sup>	
		Coal <sup>1</sup>	Crude petroleum <sup>2</sup>	Cement <sup>3</sup>	Iron ore (iron content) <sup>4</sup>	Sulfuric acid <sup>5</sup>	Steel <sup>6</sup>	Total	Per capita
		<i>1,000 sh. tons</i>	<i>1,000 barrels</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>Pounds</i>
United States.....	1950	557,019	1,973,576	42,686	<sup>8</sup> 54,351	13,029	96,836	94,745	1,250
	1951	573,044	2,247,710	46,103	<sup>8</sup> 66,274	13,372	105,199	103,999	1,347
	1952	504,406	2,289,833	46,731	<sup>8</sup> 55,130	13,310	93,167	89,659	1,142
	1953	481,153	2,360,002	49,578	<sup>8</sup> 66,205	14,003	111,609	109,827	1,376
Argentina.....	1953	91	28,511	1,824		<sup>9</sup> 62		699	75
Australia.....	1953	20,641		1,608	2,388	702	2,048	2,325	529
Austria.....	1953	179	20,291	1,537	953	<sup>c</sup> 7	1,414	968	278
Belgium.....	1953	33,135		5,099	39	<sup>c</sup> 860	<sup>10</sup> 4,846	<sup>11</sup> 2,452	<sup>11</sup> 542
Bolivia.....	1953		598	37					
Brazil.....	1953	2,238	837	2,250	<sup>a</sup> 2,370		1,105	1,365	49
Bulgaria.....	1952	<sup>e</sup> 360		743					
Burma.....	1953		1,063						
Canada.....	1953	13,875	81,308	3,951	<sup>12</sup> 3,576	827	4,116	5,682	774
Ceylon.....	1953			73				49	12
Chile.....	1953	<sup>13</sup> 2,575	1,258	840	1,899	<sup>b</sup> <sup>9</sup> 13	345	288	97
China (Taiwan).....	1953	2,638	19	573	<sup>g</sup> <sup>14</sup> 13	31	22	<sup>15</sup> 2,321	<sup>15</sup> 10
Colombia.....	1953	<sup>16</sup> 470	<sup>17</sup> 39,431	962				330	57
Cuba.....	1953		6	446	151			169	126
Czechoslovakia.....	1953	22,377	912	<sup>d</sup> 1,916	937	<sup>c</sup> 237	<sup>18</sup> 4,850		
Denmark.....	1953			1,389		10	198	688	315
Dominican Republic.....	1953			143					
Ecuador.....	1953		2,962	101					
Egypt.....	1953		16,253	1,209		<sup>b</sup> 43		205	19
Finland.....	1953			1,033		138	<sup>10</sup> 162	418	203
France.....	1953	<sup>20</sup> 57,968	2,711	<sup>20</sup> 10,174	15,190	1,301	<sup>20</sup> 11,023	<sup>21</sup> 9,590	<sup>21</sup> 437
Germany, Western.....	1953	<sup>22</sup> 138,508	15,473	16,951	3,743	2,072	16,998	16,095	628
Greece.....	1953			822	49	51		187	49
Guatemala.....	1953			73					
Hungary.....	1953	2,315	6,365	<sup>f</sup> 220	<sup>b</sup> 172		1,653		
India.....	1953	<sup>23</sup> 40,148	<sup>d</sup> 1,893	4,234	2,554	122	1,688	2,057	11
Indonesia.....	1953	989	75,660	<sup>e</sup> 42				245	6
Iran.....	1953	165	24 10,070	58				88	9
Iraq.....	1952		207,280	136					
Ireland, Republic of.....	1953	202		561		<sup>a</sup> 63		84	57
Israel.....	1953			513				195	236
Italy.....	1953	1,247	654	<sup>25</sup> 8,292	541	1,707	3,806	4,528	192
Japan.....	1953	51,292	1,988	9,665	1,009	2,960	8,446	7,419	170
Korea, South.....	1953	<sup>13</sup> 955		49	10		<sup>a</sup> 1		
Lebanon.....	1953			346				<sup>26</sup> 146	<sup>26</sup> 62
Liberia.....	1953				984				
Luxembourg.....	1953			162	2,371		2,931	( <sup>11</sup> )	( <sup>11</sup> )
Mexico.....	1953	1,579	72,433	1,932	411		509	960	71
Netherlands.....	1953	<sup>22</sup> 13,555	5,730	949		<sup>a</sup> 604	946	2,254	430
New Zealand.....	1953	866	8	309	2			229	223
Nicaragua.....	1953			26					
Norway.....	1953	<sup>27</sup> 470		845	<sup>28</sup> 901				
Pakistan.....	1953	<sup>13</sup> 648	1,453	666			121	678	403
Panama.....	1952			113				188	5
Peru.....	1953	301	15,970	<sup>a</sup> 409		<sup>d</sup> 4		149	33
Philippines.....	1953	171		352	752			233	22
Poland.....	1953	97,665	1,849	3,637		<sup>d</sup> 304	<sup>10</sup> 3,973		
Portugal.....	1953	527		806		222		259	60
Romania.....	1953	441	67,389	808	335	<sup>f</sup> 29	793		
Spain.....	1953	13,442	<sup>a</sup> <sup>20</sup> 63	3,057	1,680	838	989	1,097	77
Sweden.....	1953	314	<sup>29</sup> 497	2,558	11,155	377	<sup>10</sup> 1,939	2,534	705
Switzerland.....	1953			1,743	57			737	302
Syria.....	1953			247				( <sup>26</sup> )	( <sup>26</sup> )
Thailand.....	1953			317					
Turkey.....	1953	6,232	176	531	347	<sup>a</sup> 18	180	601	55

See footnotes at end of table.



No. 1159.—COAL, PETROLEUM, CEMENT, IRON ORE, SULFURIC ACID, AND STEEL—  
Continued

[See text, p. 948, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1952; b, 1951; c, 1950; d, 1949; e, 1948; f, 1947; g, 1946]

COUNTRY	Year	PRODUCTION						STEEL CONSUMPTION <sup>7</sup>	
		Coal <sup>1</sup>	Crude petroleum <sup>2</sup>	Cement <sup>3</sup>	Iron ore (iron content) <sup>4</sup>	Sulfuric acid <sup>5</sup>	Steel <sup>6</sup>	Total	Per capita
		<i>1,000 sh. tons</i>	<i>1,000 barrels</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>1,000 sh. tons</i>	<i>Pounds</i>
Union of South Africa	1953	31,373	a <sup>29</sup> 270	2,339	1,354	-----	1,431	1,862	287
U. S. S. R.	1953	<sup>13</sup> 352,740	393,113	-----	-----	-----	41,888	42,108	408
United Kingdom	1953	<sup>30</sup> 251,098	1,182	12,563	4,959	2,100	19,721	17,970	710
Uruguay	1951	-----	-----	291	-----	-----	-----	128	106
Venezuela	1953	<sup>31</sup> 32	644,220	1,082	1,620	-----	-----	489	181
Yugoslavia	1953	1,020	1,283	1,412	421	44	568	717	86
World total	1953	<sup>32</sup> 1,322,773	<sup>33</sup> 4,530,153	<sup>32</sup> 171,850	<sup>32</sup> 134,482	<sup>34</sup> 29,983	<sup>35</sup> 213,848	-----	-----

<sup>1</sup> Excludes lignite and brown coal.

<sup>2</sup> Source presents data in metric tons. Conversion of data to barrels allows for differences in specific gravity of petroleum. Figures refer to crude petroleum including shale oil, but excluding natural gasoline.

<sup>3</sup> Covers, as far as possible, all hydraulic cements used for construction (portland, metallurgic, aluminous, natural, etc.).

<sup>4</sup> Data generally refer to iron content of marketable ores mined, including manganiferous iron ores but excluding pyrites. Data are sometimes only rough estimates obtained by applying a fixed percentage to figures for production of crude ores.

<sup>5</sup> Data expressed in terms of pure (monohydrate) sulfuric acid and include sulfuric acid equivalent of oleum or "fuming" sulfuric acid.

<sup>6</sup> Total production of crude steel, both ingots and steel for castings.

<sup>7</sup> Data represent apparent consumption (i.e., production plus imports minus exports) and do not take into account changes in stocks.

<sup>8</sup> Excludes manganiferous iron ores.

<sup>9</sup> Strength of acid not reported.

<sup>10</sup> Ingots only.

<sup>11</sup> Luxembourg included with Belgium.

<sup>12</sup> Shipments. Includes Newfoundland.

<sup>13</sup> Includes lignite.

<sup>14</sup> China. Represents estimated iron content of iron ore imports into Japan from China and of small production of mines under Chinese control. Excludes Manchuria.

<sup>15</sup> China. Includes Manchuria and China Mainland.

<sup>16</sup> Partial production only; coal transported by rail.

<sup>17</sup> Includes natural gasoline.

<sup>18</sup> Includes wrought (puddled) iron.

<sup>19</sup> Ingots and finished castings.

<sup>20</sup> Excludes the Saar (coal, 18,098,000 tons; cement, 314,000 tons; steel, 2,959,000 tons).

<sup>21</sup> Includes Saar.

<sup>22</sup> Low-grade coal has been included at its hard-coal equivalent.

<sup>23</sup> Excludes issues to miners.

<sup>24</sup> Represents production of the National Iranian Oil Co.

<sup>25</sup> Represents about 90 percent of total production.

<sup>26</sup> Syria included with Lebanon.

<sup>27</sup> Svalbard; Norwegian-operated mines only.

<sup>28</sup> Includes ferro-titanium.

<sup>29</sup> Entirely shale oil.

<sup>30</sup> Great Britain only; excludes coal produced at quarries but includes open-cast coal.

<sup>31</sup> Production in Guárico and Táchira.

<sup>32</sup> Excludes U.S.S.R. and China Mainland.

<sup>33</sup> Excludes U.S.S.R.

<sup>34</sup> Excludes Argentina, Chile, Czechoslovakia, Eastern Germany, and U.S.S.R.

<sup>35</sup> Excludes China and U.S.S.R.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1160.—GOLD AND FOREIGN EXCHANGE HOLDINGS: 1938 TO 1953

[In millions of U. S. dollars]

COUNTRY	GOLD HOLDINGS <sup>1</sup>				FOREIGN EXCHANGE HOLDINGS <sup>2</sup>			
	1938	1947	1950	1953	1938	1947	1950	1953
United States <sup>3</sup> .....	14, 592	22, 868	22, 820	22, 091				
Argentina.....		322	216	<sup>4</sup> 268				
Australia <sup>5</sup> .....	6	88	88	119	208	514	1, 237	1, 164
Belgium.....	736	594	587	776		300	162	314
Bolivia.....	3. 4	22. 6	22. 8	22. 1	1. 3	4. 2	6. 0	2. 5
Brazil.....	32	354	317	317	26	420	348	284
Burma.....							118. 8	211. 0
Canada.....	<sup>6</sup> 186	<sup>6</sup> 287	<sup>6</sup> 580	<sup>6</sup> 986	<sup>7</sup> 34	<sup>7</sup> 232	<sup>7</sup> 1,190	<sup>7</sup> 840
Chile.....	30. 1	45. 2	40. 3	41. 9	14. 0	15. 3	17. 4	28. 2
Colombia.....	24	83	74	<sup>8</sup> 190	<sup>7</sup> 3	<sup>7</sup> 28	<sup>7</sup> 27	( <sup>9</sup> )
Costa Rica.....	. 20	2. 04	2. 06	2. 05	<sup>7</sup> 1. 06	<sup>7</sup> 2. 42	<sup>7</sup> 1. 67	<sup>7</sup> 15. 60
Cuba.....	<sup>9</sup> 1	<sup>9</sup> 279	<sup>10</sup> 271	<sup>10</sup> 186	<sup>7</sup> 1	<sup>7</sup> 67	<sup>7</sup> 117	<sup>7</sup> 245
Denmark.....	53. 4	32. 0	31. 5	31. 2	23. 3	44. 1	65. 7	135. 6
Dominican Republic.....		2. 0	4. 0	12. 1		<sup>7</sup> 11. 6	<sup>7</sup> 15. 3	<sup>7</sup> 16. 2
Ecuador.....	3. 4	20. 4	18. 8	22. 8	. 4	6. 2	18. 6	16. 0
Egypt.....	55	54	98	174	40	1, 022	636	214
El Salvador.....	6. 6	14. 7	23. 0	29. 1	<sup>7</sup> 1. 3	<sup>7</sup> 14. 5	<sup>7</sup> 17. 9	<sup>7</sup> 14. 2
Finland.....	26. 5	. 1	12. 0	26. 4	<sup>11</sup> 48. 5	<sup>11</sup> 7. 1	73. 4	154. 2
France.....	2, 757	549	523	575	34	252	811	381
Germany, Western.....				326			266	1, 658
Greece.....	26. 8	13. 8	1. 5	10. 5				
Guatemala.....	6. 7	27. 2	27. 2	27. 2	2. 5	22. 9	8. 4	12. 0
Honduras.....	. 11	. 11	. 11	. 11	. 72	2. 44	10. 49	21. 99
Iceland.....	1. 0	1. 0	1. 0	1. 0	. 2	2. 7	2. 7	10. 8
India.....	274	274	247	247	<sup>12</sup> 211	<sup>124</sup> 590	<sup>121</sup> 752	<sup>121</sup> 518
Indonesia.....	65	180	209	145	7	17	147	67
Iran <sup>13</sup> .....	26	142	139	137	12	104	113	67
Iraq.....						3. 9	25. 4	80. 7
Ireland, Republic of.....	10	17	17	18	<sup>14</sup> 49	<sup>14</sup> 184	<sup>14</sup> 228	<sup>14</sup> 216
Italy.....	193	58	256	346	8	188	622	606
Japan.....	<sup>15</sup> 230		<sup>16</sup> 7	<sup>16</sup> 18	<sup>15</sup> 59		<sup>16</sup> 557	<sup>16</sup> 826
Lebanon.....		1. 7	20. 0	34. 7			<sup>17</sup> 18. 5	<sup>17</sup> 20. 5
Mexico.....	28	100	207	157	13	26	83	83
Netherlands.....	998	232	311	737	5	102	228	424
New Zealand.....	23	23	29	33	18	206	138	171
Nicaragua.....	. 33	3. 44	2. 77	2. 76	<sup>7</sup> 99	<sup>7</sup> 2. 00	<sup>7</sup> 66	<sup>7</sup> 14. 04
Norway.....	83. 8	75. 3	50. 1	51. 8	<sup>18</sup> 44. 5	<sup>18</sup> 76. 1	<sup>18</sup> 56. 9	<sup>18</sup> 86. 6
Pakistan.....			27	38			<sup>19</sup> 479	<sup>4</sup> 19 612
Paraguay.....		<sup>20</sup> 23	<sup>20</sup> 19	<sup>21</sup> 19		<sup>20</sup> 9. 11	<sup>20</sup> 12. 32	<sup>21</sup> 15. 94
Peru.....	19. 9	20. 2	31. 0	36. 3	1. 2	12. 3	20. 9	12. 6
Philippines.....		1	3	9		<sup>22</sup> 388	<sup>22</sup> 296	<sup>22</sup> 231
Portugal.....	86	310	192	361				
Spain.....	525	111	61	54				
Sweden.....	321	105	90	219	191	41	102	206
Switzerland.....	701	1, 356	1, 470	1, 458	66		109	312
Thailand.....		78	118	113	49	68	167	175
Turkey.....	29	170	150	143	5	99	65	69
Union of South Africa.....	220	762	197	176	39	249	279	116
United Kingdom.....	<sup>23</sup> 2, 877	<sup>24</sup> 2, 079	<sup>24</sup> 3, 300	<sup>24</sup> 2, 518				
Uruguay.....	72	175	236	227	<sup>11</sup> — 5	<sup>11</sup> 81	<sup>11</sup> 76	<sup>11</sup> 7
Venezuela.....		215	373	373	<sup>7</sup> 34	<sup>7</sup> 34	<sup>7</sup> 1	<sup>7</sup> 104
Yugoslavia.....	<sup>25</sup> 56. 9						<sup>26</sup> 12. 22	<sup>26</sup> 6. 23

<sup>1</sup> Excludes gold used in payment of a country's subscriptions to International Monetary Fund or International Bank for Reconstruction and Development. Reported in United States dollars at \$35 per fine troy ounce.

<sup>2</sup> Foreign exchange holdings ordinarily include foreign currencies, bank deposits abroad, payment and clearing agreement balances, and short-term foreign bills and securities (generally those with an original maturity of 1 year or less). Excludes drawing rights in International Monetary Fund, undrawn portions of foreign loans and similar rights to incur foreign debts. Holdings have been converted into United States dollar equivalents at par value or, in absence of a par value, at official exchange rate.

<sup>3</sup> Holdings of Treasury and of gold in active portion of Stabilization Fund. <sup>4</sup> 1951 data.

<sup>5</sup> Includes holdings of commercial banks. <sup>6</sup> Excludes small mint holdings.

<sup>7</sup> Virtually all United States dollars.

<sup>8</sup> Foreign exchange holdings included with gold holdings.

<sup>9</sup> Treasury holdings. <sup>10</sup> Holdings of the National Bank.

<sup>11</sup> Net holdings.

<sup>12</sup> Virtually all sterling, including some long-term securities.

<sup>13</sup> Figures relate to March 20 of following year.

<sup>14</sup> Sterling holdings only, including some long-term securities.

<sup>15</sup> Bank of Japan and government holdings.

<sup>16</sup> Government holdings only.

<sup>17</sup> Virtually all French francs.

<sup>18</sup> Bank of Norway only; excludes government holdings.

<sup>19</sup> Includes some long-term securities.

<sup>20</sup> Monetary Dept. of Bank of Paraguay.

<sup>21</sup> Central Bank of Paraguay.

<sup>22</sup> United States dollar holdings only.

<sup>23</sup> Bank of England and Exchange Equalization Account holdings.

<sup>24</sup> United States and Canadian dollar holdings of Exchange Equalization Account.

<sup>25</sup> United States Federal Reserve Board data.

<sup>26</sup> Holdings of government and banks only.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.



## No. 1161.—FOREIGN EXCHANGE RATES

Averages of United States cents per unit of national currency. Data represent (a) domestic par values or basic official rates for countries with single rates of exchange, (b) all significant domestic selling rates (and buying rates when they differ sufficiently from selling rates) for multiple-rate countries. Data represent average of fluctuating rate for, or a fixed rate in effect throughout entire year or major part thereof. Where a rate applies to only part of the period, its time span is indicated in a footnote]

COUNTRY	MONETARY UNIT	1950	1953	COUNTRY	MONETARY UNIT	1950	1953
Argentina:				Italy:			
Selling: Basic.....	Peso.....	<sup>1</sup> 16.42	13.33	Official: Free.....	Lira.....	0.1600	0.1600
Buying: Basic.....	do.....	<sup>1</sup> 29.76	20.00	Curb.....	do.....	0.1514	0.1587
Australia.....	Pound.....	224.0	224.0	Japan.....	Yen.....	0.2778	0.2778
Austria.....	Schilling.....	<sup>2</sup> 4.653	<sup>3</sup> 3.846	Lebanon:			
Belgium.....	Franc.....	2.000	2.000	Selling:			
Bolivia:				Official.....	LL.....	45.25	45.25
Selling: Basic.....	Boliviano.....	<sup>4</sup> 1.650	<sup>5</sup> 0.526	Free.....	do.....	29.07	29.33
Brazil:				Luxembourg.....	Franc.....	2.000	2.000
Selling:				Mexico.....	Peso.....	11.56	11.56
Official.....	Cruzeiro.....	5.432	<sup>8</sup> 5.313	Netherlands.....	Guilder.....	26.32	26.32
Free.....	do.....	<sup>7</sup> 3.125	<sup>8</sup> 1.792	New Zealand.....	Pound.....	280.0	280.0
Burma.....	Kyat.....	21.00	21.00	Nicaragua: <sup>10</sup>			
Canada.....	Dollar.....	<sup>9</sup> 90.91	101.7	Selling.....	Córdoba.....	<sup>20</sup> 19.84	14.18
Ceylon.....	Rupee.....	21.00	21.00	Buying.....	do.....	<sup>20</sup> 20.00	15.15
Chile:				Free.....	do.....	14.25	13.10
Selling: Principal.....	Peso.....	1.664	0.907	Norway.....	Krone.....	14.00	14.00
Buying: Principal.....	do.....	1.667	0.909	Pakistan.....	Rupee.....	30.22	30.22
Free.....	do.....	1.103	<sup>8</sup> 0.454	Panama.....	Balboa.....	100.0	100.0
Colombia:				Paraguay: <sup>21</sup>			
Selling: Basic official <sup>10</sup>	do.....	51.02	39.84	Official.....	Guaraní.....	<sup>22</sup> 32.04	6.67
Buying: Basic official.	do.....	51.28	40.00	Controlled free.....	do.....		<sup>8</sup> 1.71
Costa Rica:				Peru:			
Official.....	Colon.....	<sup>11</sup> 17.64	17.64	Free:			
Controlled free.....	do.....	<sup>11</sup> 11.39	15.04	Certificate.....	Sol.....	6.734	5.935
Cuba <sup>10</sup> .....	Peso.....	100.0	100.0	Draft.....	do.....	6.481	5.903
Denmark.....	Krone.....	14.48	14.48	Philippines:			
Dominican Republic.	Peso.....	100.0	100.0	Official.....	Peso.....	50.00	<sup>10</sup> 50.00
Ecuador:				Curb <sup>8</sup> .....	do.....	29.85	<sup>10</sup> 34.48
Selling:				Portugal.....	Escudo.....	3.478	3.478
Official.....	Sucre.....	<sup>12</sup> <sup>13</sup> 7.407	6.601	Spain:			
Free.....	do.....	<sup>12</sup> 5.447	5.734	Selling: Official.....	Peseta.....	<sup>23</sup> 8.913	8.913
Egypt.....	Pound.....	287.2	287.2	Buying: Official.....	do.....	<sup>24</sup> 9.132	4.566
El Salvador.....	Colon.....	40.00	40.00	Controlled free.....	do.....	<sup>8</sup> 2.514	2.567
Finland.....	Markka.....	0.4348	0.4348	Curb <sup>8</sup> .....	do.....	1.942	2.304
France.....	Franc.....	0.2860	0.2857	Sweden.....	Krona.....	19.32	19.33
Germany, Western.....	D. Mark.....	23.81	23.81	Switzerland: Sell-	Franc.....	23.12	23.32
Greece: Official.....	Drachma.....	0.0200	<sup>14</sup> 0.0033	ing: Official.....			
Guatemala.....	Quetzal.....	100.0	100.0	Syria:			
Honduras.....	Lempira.....	50.00	50.00	Selling: Official.....	L.S.....	45.25	45.25
Iceland.....	Krona.....	<sup>15</sup> 6.140	6.140	Free.....	do.....		27.63
India.....	Rupee.....	21.00	21.00	Thailand:			
Indochina:				Selling: Official.....	Baht.....	7.967	7.967
Selling: Official.....	Plastre.....	4.861	<sup>10</sup> 2.857	Free.....	do.....	4.478	5.447
Indonesia:				Turkey.....	L.T.....	35.71	35.71
Selling: Basic, nondollar.	Rupiah.....	26.25	<sup>17</sup> 8.74	Union of South Africa.	Pound.....	280.0	280.0
Buying: Basic, nondollar.	do.....	26.39	<sup>17</sup> 8.81	United Kingdom.....	do.....	280.0	280.0
Iran:				Uruguay:			
Principal:				Selling: Basic official.	Peso.....	52.63	52.63
Selling.....	Rial.....	2.500	<sup>18</sup> 1.024	Buying: Basic official.	do.....	65.83	65.83
Buying.....	do.....	2.572	<sup>18</sup> 1.065	Free.....	do.....	<sup>8</sup> 48.31	<sup>8</sup> 36.89
Iraq.....	Dinar.....	280.0	280.0	Venezuela:			
Ireland (Rep.).....	Pound.....	280.0	280.0	Principal:			
Israel: Principal.....	do.....	280.0	<sup>19</sup> 55.6	Selling.....	Bollvar.....	29.85	29.85
				Buying:			
				Petroleum.....	do.....	32.36	32.36
				Other prod.....	do.....	30.12	30.12
				Yugoslavia.....	Dinar.....	2.000	0.3333

<sup>1</sup> Through August 28. <sup>2</sup> From March 4; effective rate.

<sup>3</sup> Effective May 4; previously 4.669 effective rate and 3.827 premium rate.

<sup>4</sup> Beginning April 8. Subject to tax. <sup>5</sup> From May 14; previously 1.650-0.526. Subject to tax.

<sup>6</sup> August-December. <sup>7</sup> Curb rate. End of period. <sup>8</sup> End of period.

<sup>9</sup> Through September; October-December average, 95.33. <sup>10</sup> Subject to tax. <sup>11</sup> Subject to surcharges.

<sup>12</sup> Certain exchange transactions subject to tax. <sup>13</sup> January-November. <sup>14</sup> From April 9.

<sup>15</sup> March 20-December. <sup>16</sup> Beginning May 11.

<sup>17</sup> Dollar transactions subject to small surcharge on rates for corresponding nondollar transactions, and non-essential imports subject to surcharges from 33½ to 200 percent.

<sup>18</sup> June 23-December 22. January-May: 1.074 and 1.064 selling; 1.117 and 1.106 buying.

<sup>19</sup> From July. <sup>20</sup> Through October 19. <sup>21</sup> Exchange transactions subject to surcharges.

<sup>22</sup> Additional rates from 20.07 to 12.42 were in effect to April 10; and additional rates from 19.68 to 11.29 were in effect from April 11. <sup>23</sup> Through October 17. <sup>24</sup> January-July.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1162.—TRANSPORTATION—SHIPPING, RAILWAY TRAFFIC, CIVIL AVIATION, AND MOTOR VEHICLES

[See text, p. 948, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1952; b, 1951; c, 1950; d, 1949; e, 1948]

COUNTRY	Year	SHIPPING				RAILWAY TRAFFIC <sup>4</sup>		Civil aviation: Miles flown <sup>5</sup>	Motor vehicles in use <sup>6</sup>
		Mer- chant shipping fleets <sup>1</sup>	Vessels entered <sup>2</sup>	Freight loaded <sup>3</sup>	Freight un- loaded <sup>3</sup>	Pas- senger miles	Short ton miles		
		1,000 gross tons	1,000 net tons	1,000 short tons	1,000 short tons	1,000,000	1,000,000	1,000	1,000
United States.....	1950	<sup>7</sup> 27,513	<sup>8</sup> 66,792	<sup>9</sup> 62,685	<sup>9</sup> 96,704	31,790	591,550	471,617	48,549
	1951	<sup>7</sup> 27,331	<sup>8</sup> 70,280	<sup>9</sup> 115,690	<sup>9</sup> 100,602	34,654	617,942	519,585	51,291
	1952	<sup>7</sup> 27,245	<sup>8</sup> 77,969	<sup>9</sup> 103,047	<sup>9</sup> 107,421	34,033	617,942	579,956	52,616
	1953	<sup>7</sup> 27,237	<sup>8</sup> 83,333	<sup>9</sup> 80,292	<sup>9</sup> 118,938	31,679	608,964	646,552	55,593
Argentina.....	1953	1,057	<sup>10</sup> 9,847	7,972	9,921	8,390	11,523	9,065 a	578
Australia.....	1953	574	7,312	7,855	10,102		7,362	<sup>11</sup> 50,232	1,752
Austria.....	1953					<sup>12</sup> 3,127	<sup>12</sup> 13 3,571		127
Belgium.....	1953	483	22,066	15,975	17,887	4,678	<sup>13</sup> 3,919	<sup>14</sup> 14,124 a	470
Bolivia.....	1953					a 149	218	1,766	<sup>15</sup> 14
Brazil.....	1953	854 b	<sup>10</sup> 16 45,983	<sup>17</sup> 4,826	<sup>17</sup> 12,998	6,670	<sup>18</sup> 5,804	59,066	650
Bulgaria.....	1947					1,568	846		
Burma.....	1953		1,253	1,441	934	376	<sup>19</sup> 318		22
Canada.....	1953	<sup>20</sup> 1,652	<sup>21</sup> 32,516	<sup>21</sup> 32,202	<sup>21</sup> 38,692	<sup>22</sup> 2,983	<sup>22</sup> 65,002	38,479	<sup>22</sup> 3,391
	1953		8,794	969	2,409			912	69
Chile.....	1953	199		5,225	2,547	1,112	<sup>23</sup> 1,671	<sup>24</sup> 3,634 a	89
China.....	1953	659	<sup>10</sup> 25 3,349			<sup>25</sup> 1,168	<sup>19</sup> 25 890	<sup>26</sup> 14,396	<sup>25</sup> 9
Colombia.....	1953		<sup>10</sup> 8,744	5,806	1,570	415	<sup>18</sup> 454	<sup>27</sup> 20,177 a	81
Costa Rica.....	1953		<sup>10</sup> 1,883	<sup>28</sup> 376	<sup>28</sup> 346	32	38	a	10
Cuba.....	1953	d 36 b	<sup>29</sup> 6,392 b	8,135 b	4,893	222	690	5,669	145
Czechoslovakia.....	1953					d 11,557 d	<sup>19</sup> 8,904	1,049	230
Denmark.....	1953	1,529	<sup>30</sup> 10,493	<sup>30</sup> 3,240	<sup>30</sup> 13,627	a 2,075 a	869	<sup>31</sup> 5,401 a	208
Dominican Re- public.....	1953		a <sup>10</sup> 29 2,516	1,106	402				10
Ecuador.....	1953			775	267	66	69		12
Egypt.....	1953	110		2,872	4,589	1,901	832	1,676	89
El Salvador.....	1953		<sup>10</sup> 29 1,607	<sup>26</sup> 88	<sup>26</sup> 311				12
Ethiopia.....	1953						<sup>32</sup> 124	1,944	10
Finland.....	1953	621	3,199	6,083	4,356	1,261	2,526	2,481 a	100
France.....	1953	3,826	48,076	<sup>33</sup> 25,104	44,588	<sup>12</sup> 16,081	<sup>12</sup> 27,631	<sup>34</sup> 33,749	3,274
Germany, West- ern.....	1953	1,750	22,069	13,434	25,257	<sup>35</sup> 19,333	<sup>19</sup> 36 34,892	a	1,836
Greece.....	1953	1,222	<sup>10</sup> 37 4,920	849	3,288	525	<sup>19</sup> 248		35
Guatemala.....	1953		<sup>10</sup> 2,004	302	487				12
Haiti.....	1953		<sup>10</sup> 1,551	126	287				6
Honduras.....	1953	471							5
Hungary.....	1950					d 3,262 e	<sup>19</sup> 2,245 e	<sup>38</sup> 626	32
Iceland.....	1953	82						<sup>39</sup> 1,046	11
India.....	1953	488	8,999			a 36,036 a	<sup>19</sup> 32,436	19,202	301
Indonesia.....	1953			<sup>40</sup> 13,440	<sup>40</sup> 4,594	a 1,866 a	540	6,481 a	<sup>15</sup> 75
Iran.....	1953	a <sup>10</sup> 41 3,339	a <sup>41</sup> 618	a <sup>41</sup> 504	240	701	733		45
Iraq.....	1953	b <sup>42</sup> 965	a <sup>42</sup> 597	a <sup>42</sup> 442	b 311	b <sup>18</sup> 497	<sup>43</sup> 330	711 c	19
Ireland, Rep. of.....	1953		7,489				<sup>44</sup> 30	3,723	46
Israel.....	1953	119	<sup>10</sup> 1,615	405	<sup>42</sup> 1,358	<sup>44</sup> 105	<sup>19</sup> 44 67	2,832	34
Italy.....	1953	<sup>45</sup> 3,456	<sup>45</sup> 27,774	<sup>45</sup> 7,721	<sup>45</sup> 34,835	<sup>12</sup> 13,615	<sup>12</sup> 18 8,276	7,266	918
Japan.....	1953	<sup>46</sup> 3,250	<sup>10</sup> 22,347	<sup>47</sup> 5,464	<sup>47</sup> 34,490	<sup>12</sup> 51,918	<sup>12</sup> 27,684		309
Korea, South.....	1953		<sup>10</sup> 1,354	158	<sup>48</sup> 1,251	<sup>44</sup> 1,955	<sup>19</sup> 44 1,879		16
Lebanon.....	1953		<sup>10</sup> 49 2,220	<sup>49</sup> 336	<sup>49</sup> 1,046	4	30	1,763	21
Liberia.....	1953	1,434		143	30				1
Luxembourg.....	1953					156	<sup>50</sup> 379		c 18
Mexico.....	1953	157	1,801	3,661	1,411	1,902	404	32,042 a	431
Netherlands.....	1953	3,372	33,246	<sup>51</sup> 17,678	<sup>51</sup> 39,558	4,114	<sup>13</sup> 18 2,227	27,941	<sup>52</sup> 284
New Zealand.....	1953	248	2,503	1,493	4,391		1,158	7,556	418
Nicaragua.....	1953					73	15	1,160	<sup>53</sup> 5
Norway.....	1953	6,263	5,835			<sup>54</sup> 937	<sup>18</sup> 949	<sup>55</sup> 6,947	173
Pakistan.....	1953	168	5,340	a <sup>56</sup> 1,814	a <sup>56</sup> 4,430	a 5,582 a	3,368	1,839 a	46
Panama.....	1953	3,907							<sup>57</sup> 14
Paraguay.....	1953								4
Peru.....	1953	97	a <sup>10</sup> 56 12,125	2,952	1,035	a 167 a	<sup>19</sup> 349	2,800 a	69
Philippines.....	1953	154	7,567	4,965	3,738	a 260 a	<sup>18</sup> 95	8,331 a	<sup>16</sup> 102
Poland.....	1953	282 c	<sup>10</sup> 7,250 c	<sup>58</sup> 13,727 c	<sup>58</sup> 3,544 c	<sup>59</sup> 16,375 c	<sup>59</sup> 21,918	1,558 c	70
Portugal.....	1953	544	<sup>10</sup> 7,292	<sup>51</sup> 60 601	<sup>51</sup> 60 1,787	978	440	2,406 a	104
Romania.....	1946					<sup>61</sup> 3,378	2,642		
Spain.....	1953	1,271	a <sup>62</sup> 10,969	<sup>62</sup> 6,635	<sup>62</sup> 6,859	<sup>12</sup> 54 4,957	<sup>12</sup> 63 5,188	7,176	<sup>64</sup> 200
Sweden.....	1953	2,575	23,070	16,816	18,219	3,874	6,176	<sup>65</sup> 8,632	<sup>53</sup> 542
Switzerland.....	1953	127				a 4,274 a	<sup>19</sup> 63 1,696	8,083	<sup>53</sup> 259
Syria.....	1953			<sup>66</sup> 18,056	<sup>66</sup> 196	23	89	a	12
Thailand.....	1953		a <sup>67</sup> 1,578	<sup>67</sup> 1,898	<sup>67</sup> 1,411	1,425	445	1,648 b	18
Turkey.....	1953	478	<sup>10</sup> 3,955			2,119	<sup>18</sup> 2,511		61
Union of South Africa.....	1953	<sup>68</sup> 433	8,675	3,375	6,500		<sup>69</sup> 15,235	6,533	683

See footnotes at end of table.



# No. 1162.—TRANSPORTATION—SHIPPING, RAILWAY TRAFFIC, CIVIL AVIATION, AND MOTOR VEHICLES—Continued

[See text, p. 948, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: a represents 1952; b, 1951; c, 1950; d, 1949; e, 1948]

COUNTRY	Year	SHIPPING				RAILWAY TRAFFIC <sup>4</sup>		Civil aviation: Miles flown <sup>5</sup>	Motor vehicles in use <sup>6</sup>
		Merchant shipping fleets <sup>1</sup>	Vessels entered <sup>2</sup>	Freight loaded <sup>3</sup>	Freight unloaded <sup>3</sup>	Passenger-miles	Short ton miles		
		<i>1,000 gross tons</i>	<i>1,000 net tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000,000</i>	<i>1,000,000</i>	<i>1,000</i>	<i>1,000</i>
United Kingdom	1953	18,584	69,435	<sup>70</sup> 41,886	<sup>70</sup> 93,942	<sup>71</sup> 20,810	<sup>71</sup> 25,498	61,067	<sup>73</sup> 3,868
Uruguay	1953	63				e 221	d 19 297		a 86
Venezuela	1953	187	<sup>a</sup> 10,823	98,224	2,041			18,150	194
Yugoslavia	1953	246	<sup>19</sup> 2,719	1,608	2,598	3,716	<sup>19</sup> 6,039	<sup>39</sup> 1,277	31
World total	1953	93,352		<sup>7</sup> 738,548	<sup>7</sup> 738,548		1,532,217		<sup>74</sup> 80,010

<sup>1</sup> Figures relate to merchant fleets on June 30. They are given in gross registered tons (see text, p. 585) and represent total volume of all permanently enclosed spaces of vessels to which figures refer. Only vessels of 100 gross tons and over are included. Excludes vessels without mechanical means of propulsion, but includes sailing vessels with auxiliary power. Excludes the following classes of ships, not entered in Lloyd's Register: Ships trading on Caspian Sea; wooden or composite ships trading on Great Lakes of North America.

<sup>2</sup> In general, represents sum of net registered tonnages (see text, p. 585) of seagoing foreign and domestic merchant vessels (power and sailing) entered with cargo from a foreign port and refer to only one entrance for each foreign voyage. Excludes, if possible, "in ballast," i. e. entering without unloading goods.

<sup>3</sup> Represents weight of all goods (including their packing) in external trade loaded to and unloaded from seagoing vessels of all flags at ports of country in question. Excludes bunkers, ships' stores, ballast, and transshipment (goods transhipped from an importing vessel to an exporting vessel). Includes goods unloaded into or loaded from bonded warehouse.

<sup>4</sup> Relates to domestic and international traffic on all railway lines within each country shown except railways entirely within an urban unit, and plantation, industrial, mining, funicular and cable railways. Passenger miles include all passengers except military, government and railway personnel when carried without revenue; ton miles relate to freight net ton miles and include all goods whether carried by fast or ordinary trains except service traffic, mail, baggage and nonrevenue government stores.

<sup>5</sup> Covers both domestic and international scheduled services operated by companies registered in each country. Includes supplementary services occasioned by overflow traffic on regularly scheduled trips and preparatory flights for new scheduled services.

<sup>6</sup> For years in which a census or registration took place, census or registration figure is shown; for other years officially estimated number of vehicles in use is shown. Includes passenger cars and commercial vehicles. Excludes trams, trolley-busses, special and government service vehicles, motorcycles, trailers, farm and road tractors.

<sup>7</sup> Includes Great Lakes.

<sup>8</sup> Includes Great Lakes international traffic; includes Alaska, Hawaii, Puerto Rico.

<sup>9</sup> Excludes goods in transit and Department of Defense controlled imports and exports and commodities classified as "special category."

<sup>10</sup> Includes vessels in ballast.

<sup>11</sup> Includes United Kingdom portion of joint United Kingdom-Australia service operated by QEA and BOAC.

<sup>12</sup> State railways.

<sup>13</sup> Full carloads only.

<sup>14</sup> Sabena only; includes Belgian Congo traffic.

<sup>15</sup> Includes Government vehicles.

<sup>16</sup> All entrances counted; includes coastwise shipping.

<sup>17</sup> Excludes goods to and from bonded warehouse.

<sup>18</sup> Excludes livestock.

<sup>19</sup> Includes service traffic.

<sup>20</sup> Includes vessels trading on Great Lakes (828,251 gross tons).

<sup>21</sup> Includes Great Lakes and St. Lawrence international traffic.

<sup>22</sup> Includes Newfoundland.

<sup>23</sup> Gross ton miles.

<sup>24</sup> Linea Aerea Nacional only.

<sup>25</sup> Taiwan only.

<sup>26</sup> Includes nonscheduled operation of Civil Air Transport.

<sup>27</sup> Includes nonrevenue and nonscheduled traffic.

<sup>28</sup> Represents total imports and exports.

<sup>29</sup> All entrances counted.

<sup>30</sup> Excludes international ferry traffic.

<sup>31</sup> Includes Danish portion of Scandinavian Airways System.

<sup>32</sup> Traffic Djibouti-Addis Ababa.

<sup>33</sup> Includes bunkers and ships' stores.

<sup>34</sup> Traffic of Air France only.

<sup>35</sup> Excludes occupation traffic.

<sup>36</sup> Includes occupation traffic.

<sup>37</sup> Port of Piraeus only.

<sup>38</sup> Domestic traffic of Hungarian line and foreign lines on Budapest route; foreign traffic of associated foreign lines.

<sup>39</sup> Includes nonscheduled traffic.

<sup>40</sup> Federal area only.

<sup>41</sup> Includes Caspian Sea traffic.

<sup>42</sup> Excludes tankers and petroleum.

<sup>43</sup> Two principal railways; including some traffic in Northern Ireland.

<sup>44</sup> Includes military traffic.

<sup>45</sup> Includes Trieste.

<sup>46</sup> Excludes wooden or composite ships under 300 tons power with auxiliary.

<sup>47</sup> Goods carried by steel vessels; excl. military goods.

<sup>48</sup> Excludes civilian aid (1,580,000 tons).

<sup>49</sup> Port of Beirut only. Excludes livestock; excludes petroleum loaded in Sidon and Tripoli (24.8 million tons); includes coastwise shipping.

<sup>50</sup> Excludes livestock and express parcels.

<sup>51</sup> Includes floating appliances when delivered without being loaded on ships.

<sup>52</sup> Includes vehicles of special services.

<sup>53</sup> Includes nonmilitary government vehicles and vehicles of special services.

<sup>54</sup> Excludes suburban traffic.

<sup>55</sup> Includes Norwegian portion of Scandinavian Airways System.

<sup>56</sup> Includes coastwise shipping.

<sup>57</sup> Excludes Canal Zone.

<sup>58</sup> Includes bunkers; excludes livestock.

<sup>59</sup> Standard and broad gauge.

<sup>60</sup> Goods carried by Portuguese vessels only; 29 percent of total loadings (56 percent of unloadings).

<sup>61</sup> Includes nonrevenue traffic.

<sup>62</sup> Includes Balearic Islands.

<sup>63</sup> Includes mail and passengers' baggage.

<sup>64</sup> Includes Canary Islands.

<sup>65</sup> Includes Swedish portion of Scandinavian Airways System.

<sup>66</sup> Includes coastwise shipping and petroleum loaded at Banias (18 million tons).

<sup>67</sup> Bangkok.

<sup>68</sup> Includes British Colonies (except Hong Kong) and British dependencies, which accounted for 72 percent of gross tonnage.

<sup>69</sup> Includes South-West Africa and Vryburg-Bulawayo line of Rhodesia railways.

<sup>70</sup> Excl. packing. Includes goods carried by air, road, and rail between Ireland (Rep.) and Northern Ireland.

<sup>71</sup> British Railways.

<sup>72</sup> Includes free-hauled traffic.

<sup>73</sup> Excludes Northern Ireland.

<sup>74</sup> Excludes Albania, Bulgaria, China Mainland, Czechoslovakia, Eastern Germany, Hungary, North Korea, Poland, Romania, and U.S.S.R.

Source: Statistical Office of the United Nations; Statistical Yearbook.

## No. 1163.—COMMUNICATIONS—TELEPHONES, TELEGRAMS, MAIL, NEWSPAPERS, RADIO, AND TELEVISION

[See text, p. 948, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: æ represents 1953; a, 1952; b, 1951; c, 1950; d, 1949; e, 1948; f, 1947; g, 1946]

COUNTRY	Year	Tele- phones in use <sup>1</sup>	Tele- grams sent, do- mestic <sup>2</sup>	Letters sent, do- mestic <sup>3</sup>	NEWSPAPERS			RADIO		Tele- vision receiving sets <sup>9</sup>
					Dailies <sup>4</sup>	Circulation		Trans- mitting sta- tions <sup>7</sup>	Receiving sets <sup>8</sup>	
						Total <sup>5</sup>	Copies per 1,000 popu- lation <sup>6</sup>			
					Num- ber	1,000		Num- ber	1,000	1,000
United States.....	1950	1,000 43,004	1,000 10 175,077	1,000,000 11 45,064				12 4,195		
	1951	45,636	10 181,342	11 46,908				12 4,270	13 105,000	
	1952	48,056	10 151,710	11 49,906	1,865	55,370	353	12 4,433	13 110,000	
	1954			æ 11 50,948	1,862	55,740	346		13 120,500	13 31,532
Afghanistan.....	1952				4	13	1		c	13 8
Albania.....	1948									40
Argentina.....	1953	a 929	d 22,604	1,231	a 140	a 1,800	a 100	a 68	13 2,900	13 20
Australia.....	1953	a 1,301	a 27,080	1,369	a 54	a 3,600	a 416	a 157	1,968	
Austria.....	1953	a 449	a 2,989	583	a 34	a 1,487	a 214	a 15 66	1,629	
Belgium.....	1954	a 744	a 4,425	æ 1,822	a 39	a 3,343	a 383	a 12	æ 1,863	15
Bolivia.....	1952				12	70	23		c	13 150
Brazil.....	1954			b 2,084	a 230	a 5,750	a 106	c 253	c 781	13 70
Bulgaria.....	1952	61	f 5,575	f 528	9	717	c 100			225
Burma.....	1952		622		32	153	8	1		15
Canada.....	1954	a 3,342	a 16 19,039	æ 17 2,910	92	3,629	243	a 258	æ 13 4,104	13 665
Ceylon.....	1953	a 21	a 3,158	244	7	300	a 38	a 2	77	
Chile.....	1952		b 5,685		43	465	79	80	d 13 550	
China.....	1952		f 18,424	18 61	18 19	222	18 28	e	13 800	
Colombia.....	1952				37	650	57	c	13 500	
Costa Rica.....	1952				5	78	91			13 23
Cuba.....	1954	b 124			a 37	a 400	a 72	d	13 700	13 150
Czechoslovakia.....	1952	b 351	f 5,368	g 801	c 20	c 2,400	c 191	f 15	2,608	
Denmark.....	1954	a 789	a 19 1,730	æ 403	a 131	a 1,650	a 381	a 11	æ 1,322	1.3
Dominican Republic.....	1954				a 5	a 54	a 24	a 29	a 13 100	13 1.2
Ecuador.....	1952				24	167	50	54	c	13 50
Egypt.....	1953	a 133	f 2,796	164	a 50	a 515	a 25		405	
El Salvador.....	1952		b 1,300		10	70	35		c	13 21
Ethiopia.....	1952				1	0.4		b	20 8	
Finland.....	1953	a 384	a 735	192	a 64	a 1,100	a 269	a 14	908	
France.....	1954	a 2,645	a 21 14,245	b 3,386	142	10,212	238	a 22 74	8,585	72.2
Germany, Western.....	1954	a 2,977	a 18,986	æ 5,303	658	14,840	289	a 201	æ 11,463	27.6
Greece.....	1953	a 101	a 4,963	134	a 68	a 550	a 71	a 20	426	
Guatemala.....	1952	6			7	57	19	b	31	
Haiti.....	1952	b 3	b 217		6	10	3	17	c 4	
Honduras.....	1952		b 2,401		5	30	20	c 10	d 25	
Hungary.....	1952	120	f 3,264	f 380	c 20	c 834	c 90	f 5	887	
Iceland.....	1953	a 22	a 299	6	a 5	a 65	a 439	a 4	a 36	
India.....	1953	a 179	a 23,785	17 2,667	a 578	a 3,000	a 8	a 25	a 695	
Indonesia.....	1952	63	1,872	119	95	570	7	21	250	
Iran.....	1953		c 4,825	60	a 20	a 120	a 6	c	184	
Iraq.....	1953	25	a 348	c 17	a 54	a 108	a 21		40	
Ireland, Republic of.....	1953	a 99	a 1,569	221	a 8	a 700	a 237	a 2	406	
Israel.....	1953	a 41	a 698	53	a 21	a 268	a 167	a 7	a 212	
Italy.....	1954	a 1,410	a 29,554		a 107	a 5,000	a 107	a 95	æ 4,849	35
Japan.....	1954	a 2,240	a 91,494	a 3,499	a 186	a 30,218	a 353	a 104	æ 11,263	5
Korea, South.....	1952							13	134	
Lebanon.....	1953		b 65	23 6	a 40	a 100	a 77	c	b 45	
Liberia.....	1952				1	1	1	b	13 2.5	
Luxembourg.....	1953	a 26	a 144	34	a 5	a 135	a 447	a 3	72	
Mexico.....	1954	a 312	b 17,681	æ 487	a 162	a 1,300	a 48	d 212	b 13 1,220	13 90
Netherlands.....	1954	a 896	a 2,683	æ 1,519	a 108	a 2,581	a 249	a 9	æ 2,333	9
New Zealand.....	1954	a 425	a 7,083	æ 325	a 43	a 714	a 358	a 30	502	
Nicaragua.....	1952				11	56	51	b	13 16	
Norway.....	1953	a 503	a 24 5,472	275	a 96	a 1,317	a 396	a 26	895	

See footnotes at end of table.



No. 1163.—COMMUNICATIONS—TELEPHONES, TELEGRAMS, MAIL, NEWSPAPERS,  
RADIO, AND TELEVISION—Continued

[See text, p. 948, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: æ represents 1953; a, 1952; b, 1951; c, 1950; d, 1949; e, 1948; f, 1947; g, 1946]

COUNTRY	Year	Tele- phones in use <sup>1</sup>	Tele- grams sent, do- mestic <sup>2</sup>	Letters sent, do- mestic <sup>3</sup>	NEWSPAPERS			RADIO		Tele- vision receiving sets <sup>9</sup>
					Dailies <sup>4</sup>	Circulation		Trans- mitting sta- tions <sup>7</sup>	Receiving sets <sup>8</sup>	
						Total <sup>5</sup>	Copies per 1,000 popu- lation <sup>6</sup>			
		1,000	1,000	1,000,000	Num- ber	1,000		Num- ber	1,000	1,000
Pakistan.....	1953	a 24	a 2,960	357	a 76	a 125	a 2	a 5		98
Panama.....	1952	17			25 11	25 100	25 116	60 b	13 81	
Paraguay.....	1952	5	262		3	17	12	15 b	13 35	
Peru.....	1952	54	3,848		60	350	40 d	49 c	13 500	
Philippines.....	1952	b 31			24	500	24 c	26	143	
Poland.....	1953	a 235	g 385	e 137	a 22	a 6,500	a 260		2,000	
Portugal.....	1953	a 187	a 2,265	249	a 32	a 549	a 64	a 26 31	378	
Romania.....	1950								270	
Spain.....	1954	a 810	a 21,372	æ 1,233	a 106	a 5,540	a 196	a 74 æ	1,313	0.4
Sweden.....	1954	a 1,787	a 4,697	æ 882	a 160	a 3,490	a 490	a 34 æ	2,317	0.4
Switzerland.....	1954	a 1,013	æ 785	æ 987	a 127	a 1,442	a 299	a 8 æ	1,161	2.8
Syria.....	1952	25	421	(23)	33	150	44	2 c	45	
Thailand.....	1952				30	75	4 c	5 d	74	
Turkey.....	1953	a 97	a 7,929	207	a 116	a 693	a 32	b 3 a	647	
Union of South Africa	1953	a 480	a 11,933	a 562	a 19	a 730	a 57	a 10	665	
U. S. S. R.....	1954					d 31,000				700
United Kingdom.....	1954	a 5,927	a 36,400	æ 8,658	a 122	a 31,000	a 615	a 61	27 13,512	3,411
Uruguay.....	1952	c 90	1,528		25	550	233	58 b	13 362	
Venezuela.....	1954		a 4,105	æ 72	a 29	a 342	a 65		13 200	13 20
Yugoslavia.....	1953	127	2,658	207	a 16	a 690	a 41	a 16	367	

<sup>1</sup> Figures relate to number of public and private telephones (including extension instruments) connected to a central exchange.

<sup>2</sup> Figures cover, in general, all types of telegrams including cablegrams and radiograms, but exclude messages in transit.

<sup>3</sup> Letters mailed for distribution within national territories. Figures cover letters (airmail, ordinary mail and registered), postcards, printed matter, business papers, small merchandise samples, small packets, and phonopost packets. Includes mail carried without charge, but excludes ordinary packages, and letters and packages with a declared value.

<sup>4</sup> Publications containing general news and appearing at least four times a week; may range in size from a single sheet to 50 or more pages.

<sup>5</sup> Refers to number of copies sold both inside and outside the country.

<sup>6</sup> No adjustment made for copies sold outside the country.

<sup>7</sup> Relates only to stations broadcasting to the public; excludes television and service stations (e. g., aeronautical and naval stations). Each station counted for as many units as it possesses different transmitting frequencies (wave lengths).

<sup>8</sup> Figures shown for most countries relate to number of licenses issued for receiving sets; figures which are estimates of number of sets in use are footnoted. In general, figures should be used with considerable caution as number of licenses falls, in varying degree from country to country, to represent full number in use. Data apply to all types of receivers for radio broadcasts to the public, including loud speakers connected to a "radio redistribution system" but excluding television sets. Total number of sets in use in the world in 1953 estimated to be 230,000,000.

<sup>9</sup> Figures shown for most countries relate to number of licenses issued for receiving sets, figures which are estimates of number of sets in use are footnoted.

<sup>10</sup> Includes messages to Canada, Mexico, St. Pierre and Miquelon.

<sup>11</sup> Domestic and foreign, including ordinary packages, and letters and packages with a declared value.

<sup>12</sup> Includes Alaska, Guam, Hawaii, and Puerto Rico.

<sup>13</sup> Estimates of number of receivers in use.

<sup>14</sup> Of these, about 25 million are in motor cars.

<sup>15</sup> Includes stations of Allied Forces.

<sup>16</sup> All telegrams sent and received by land are counted as domestic.

<sup>17</sup> Letters sent include foreign.

<sup>18</sup> Taiwan only.

<sup>19</sup> Includes Faeroe Islands and Greenland.

<sup>20</sup> Federation of Ethiopia; includes Eritrea.

<sup>21</sup> Includes Algeria, Guadeloupe, Martinique, French Guiana, and Reunion.

<sup>22</sup> Includes Algeria.

<sup>23</sup> Syria included with Lebanon.

<sup>24</sup> Revenue telegrams only.

<sup>25</sup> Includes Canal Zone.

<sup>26</sup> Includes the Azores and Madeira.

<sup>27</sup> Includes 3,411,000 combined sound-television licenses.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1164.—EDUCATION AND HEALTH

[**Education:** Figures usually refer to both official (public) and independent (private) schools, to school year beginning in year stated, and generally exclude adult education, apprenticeship courses and correspondence schools; intercountry comparisons are subject to caution owing to variations in definitions employed and in scope of data; usually excludes (unless otherwise stated) nursery schools, kindergarten and other preschool education. **Health:** Data do not allow of a close comparison between countries which present a similar standard, whether high or low, in respect of strength and character of their medical facilities. However, they may be used to judge approximate difference in standard between advanced and less developed countries. Data for hospital beds usually refer to both private and public hospitals, nursing homes, infirmaries and dispensaries, but are not always quite complete. See text, p. 948, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: *ae* represents 1953; *a*, 1952; *b*, 1951; *c*, 1950; *d*, 1949; *e*, 1948]

COUNTRY	Year	PRIMARY SCHOOLS <sup>1</sup>			SECONDARY SCHOOLS <sup>2</sup>			HEALTH		
		Schools	Teachers	Students enrolled	Schools	Teachers	Students enrolled	Physicians	Dentists	Hospital beds
United States.....	1953	d 138,600	b 1,000 695	b 1,000 22,173	d 23,873	d 1,000 372	b 1,000 6,611	209,211	83,000	1,000 1,581
Afghanistan.....	1950	325	2	79	3 47	3 1	3 20			1
Albania.....	1953	b 2,000		b 149	b 230		b 30			4 4
Argentina.....	1952	d 14,722	d 93	d 2,120	c 388	c 12	c 70	13,600	4,417	b 5 115
Australia.....	1952	c 9,338	c 38	c 1,175	c 6 382	c 6 8	c 6 197	8,500	3,400	97
Austria.....	1953	5,202	36	813	171		73	10,771	1,170	65
Belgium.....	1952	8,697	36	836	774		140	8,685	1,216	62
Bolivia.....	1952	2,199	c 7	c 184	c 104	c 2	c 18	772	270	6
Brazil.....	1950	76,928	136	5,092	1,993		390	17,364	d 11,632	7 171
Bulgaria.....	1954	d 7,872	d 8 34	d 8 929	d 253	d 5	d 129	b 1,800	b 600	29
Burma.....	1952	5,138	11	596	416	5	81	2,242		
Canada.....	1952		c 9 96	c 8 2,084		(9)	c 3 405	15,400	5,071	177
Ceylon.....	1953	a 5,937	a 34	a 1,210	a 617	a 10	a 272	1,542	96	
Chile.....	1952	b 10 5,064	b 10	b 722	332		87	b 3,450	b 1,592	b 29
China, Taiwan.....	1951	1,300	20	1,060	133	8	106	c 11 498		c 3
Colombia.....	1953	12 14,287	12 26	12 1,076	12 585	12 6	12 66	a 4,212	a 2,400	c 31
Costa Rica.....	1953	b 1,250	b 5	b 129	13 42		b 13 7	319	91	5
Czechoslovakia.....	1952		c 6 21	c 650	c 21	c 1	c 21	5,600	1,897	e 17
Denmark.....	1954	c 6,185	c 37	c 1,230	c 405		c 96	14 9,917	14 445	124
Denmark.....	1952	b 3,592	b 15 21	b 462	b 483	(15)	b 94	4,500	1,223	45
Dominican Republic.....	1952	2,422	4	248	54	(16)	9	b 764	b 277	b 6
Ecuador.....	1953	c 17 3,419	c 17 8	c 17 342	c 17 84	c 17 2	c 17 18	900	240	8
Egypt.....	1953	b 6,713	b 48	b 1,382	b 252	b 7	b 156	6,051	573	36
El Salvador.....	1952	1,852	b 5	175	102		11	332	b 96	d 4
Ethiopia.....	1953							91	14	3
Finland.....	1953		a 6 19	a 6 517	345	b 6	116	a 2,129	a 1,408	a 31
France.....	1952	b 80,857	b 18 200	b 4,758	b 2,523	b 39	b 857	14 37,398	14 12,291	470
Germany, Western.....	1952	b 29,774	b 138	b 6,633	b 2,690	b 42	b 1,040	63,898	26,179	503
Greece.....	1951	9,624	19	915	465	6	208	7,300	2,490	28
Guatemala.....	1952	b 3,461	b 8	b 176	b 19 50	b 19 1	b 19 10	497	120	7
Haiti.....	1952			135			6	b 300	b 95	b 2
Honduras.....	1952	2,298	4	114	3	(16)	1	232	66	e 2
Hungary.....	1954	b 6,166	a 40	a 1,196	ae 441	ae 7	ae 154	ae 11,400		60
Iceland.....	1950	214	1	16	60	(16)	5	181	31	1
India.....	1952	c 210,354	c 535	c 18,384	c 20,947	c 209	c 5,229	64,062	3,742	
Indonesia.....	1954	b 26,670	b 90	b 5,318	b 811	b 8	b 178	1,146	256	63
Iran.....	1952	c 8,672	c 21	c 757	c 308	c 3	c 50	2,302	475	8
Iraq.....	1952	b 1,283	b 8	b 214	b 234	b 2	b 34	752	86	6
Ireland, Republic of.....	1952	b 8 4,876	b 8 13	b 8 476	b 434	b 4	b 50	2,921	536	44
Israel.....	1953	a 20 1,053	b 20 9	a 20 231	a 20 69	a 20 1	a 20 18	3,919	947	11
Italy.....	1951	40,138	170	4,443	2,838	53	570	57,610	9,270	
Japan.....	1952	21,528	323	11,148	3 15,422	3 285	3 7,420	84,091	28,908	426
Korea, South.....	1952	3,938	34	2,370	750	11	385	3,600	569	
Lebanon.....	1952			149			30	1,049	391	8
Liberia.....	1952	445	1	32	17		1	42	4	(16)
Luxembourg.....	1952	b 1,056	b 1	b 29	b 7	b (16)	b 3	286	116	3
Mexico.....	1953	b 21 24,583	b 21 68	b 21 2,660	b 17 451	b 17 11	b 17 70	11,522	1,155	
Netherlands.....	1953	7,456	39	1,393	a 1,400	a	a 232	9,000	1,800	
New Zealand.....	1953	b 2,354	b 10	b 304	b 264	b 3	b 62	2,641	715	27
Nicaragua.....	1953	a 1,414	a 3	a 84	a 40	a (16)	a 5	520	84	a 2
Norway.....	1951		13	338	380	6	65	3,506	1,839	30
Pakistan.....	1951	40,295	89	3,212	6,486	44	1,164	e 2,190		
Panama.....	1951	943	4	114	13 74	13 1	10	c 238	c 72	c 3
Paraguay.....	1950	1,477	6	196			8	507	211	
Peru.....	1952	22 11,419	22 25	22 1,017	289	5	75	1,964	692	18
Philippines.....	1952	24,925	83	3,585	13 1,597	13 18	547	b 1,698	b 398	
Poland.....	1954	c 22,864	c 79	c 3,281	427		194	14,183	4,234	114

See footnotes at end of table.



## No. 1164.—EDUCATION AND HEALTH—Continued

[See text, p. 948, for general comments concerning quality of the data. Years for which data are shown may vary from column to column and from country to country. Figures which are *not* for the year shown in the "year" column are prefixed by a letter to indicate the year represented, as follows: *ae* represents 1953; *a*, 1952; *b*, 1951; *c*, 1950; *d*, 1949; *e*, 1948]

COUNTRY	Year	PRIMARY SCHOOLS <sup>1</sup>			SECONDARY SCHOOLS <sup>2</sup>			HEALTH		
		Schools	Teachers	Students enrolled	Schools	Teachers	Students enrolled	Physicians	Dentists	Hospital beds
Portugal	1952	<i>b</i> 13, 276	<i>b</i> 1,000	<i>b</i> 1,000	<i>b</i> 421	<i>b</i> 1,000	<i>b</i> 1,000	6, 249	<i>b</i> 529	1,000
Romania	1954	<i>b</i> 15, 000	<i>b</i> 17	<i>b</i> 1, 800	<i>b</i> 421	<i>b</i> 1,000	<i>b</i> 1,000	23 18, 000	(23)	39
Spain	1951	<i>b</i> 65, 392	<i>b</i> 81	<i>b</i> 2, 805	<i>d</i> 1, 057	<i>d</i> 9	<i>d</i> 231	28, 412	2, 428	<i>d</i> 115
Sweden	1952	<i>b</i> 9, 089	<i>b</i> 30	<i>b</i> 623	<i>b</i> 10	<i>b</i> 215	<i>b</i> 215	5, 230	3, 810	101
Switzerland	1953	<i>b</i> 19	<i>b</i> 476	<i>b</i> 4	<i>b</i> 4	<i>b</i> 93	<i>b</i> 93	4, 932	1, 939	<i>c</i> 68
Syria	1952	2, 399	9	311	181	3	48	<i>b</i> 670	<i>b</i> 169	<i>b</i> 2
Thailand	1954	<i>b</i> 19, 698	<i>b</i> 80	<i>b</i> 2, 857	<i>b</i> 1, 333	<i>b</i> 7	<i>b</i> 151	2, 943	886	24 13
Turkey	1953	<i>c</i> 17, 092	<i>c</i> 34	<i>c</i> 1, 625	<i>b</i> 534	<i>b</i> 6	<i>b</i> 102	25 7, 179	25 1, 156	23
Union of South Africa	1952	<i>c</i> 15 9, 708	<i>c</i> 15 47	<i>c</i> 15 1, 515	(15)	(15)	(15)	6, 023	1, 011	<i>b</i> 67
United Kingdom <sup>26</sup>	1952	24, 411	153	4, 619	<i>b</i> 5, 396	<i>b</i> 96	<i>b</i> 1, 919	<i>b</i> 27 38, 100	<i>b</i> 27 12, 300	507
Uruguay	1952	1, 957	8	261	115	38	38	2, 231	1, 221	
Venezuela	1953	<i>a</i> 12 7, 241	<i>a</i> 12 16	<i>a</i> 12 570	<i>a</i> 12 148	<i>a</i> 12 2	<i>a</i> 12 27	2, 939	694	19
Yugoslavia	1952	<i>b</i> 12, 488	<i>b</i> 30	<i>b</i> 1, 422	<i>b</i> 1, 861	<i>b</i> 16	<i>b</i> 454	<i>c</i> 5, 138	<i>c</i> 719	54

<sup>1</sup> Schools providing basic training and education to children within compulsory or customary ages of full-time education; length of this education may vary from 4 to 9 years from country to country.

<sup>2</sup> Middle schools, secondary schools, high schools, providing general instruction more advanced than that given at primary level. Higher primary and continuation classes are usually included in this group.

<sup>3</sup> Includes technical education.

<sup>4</sup> General hospitals and maternities.

<sup>5</sup> Includes hospices, orphanages, etc.

<sup>6</sup> Public schools only.

<sup>7</sup> Includes hospitals in leper colonies.

<sup>8</sup> Includes kindergartens.

<sup>9</sup> Secondary and technical schools included with primary schools.

<sup>10</sup> Excludes primary departments attached to secondary private schools.

<sup>11</sup> Government services only.

<sup>12</sup> Data refer to reporting institutions only.

<sup>13</sup> Includes technical and teacher-training schools.

<sup>14</sup> Medical dentists included with physicians.

<sup>15</sup> Secondary schools included with primary schools.

<sup>16</sup> Less than 500.

<sup>17</sup> Includes evening schools.

<sup>18</sup> Includes preschools.

<sup>19</sup> Includes teacher-training.

<sup>20</sup> Includes Arabic education.

<sup>21</sup> Excludes 362 evening schools with 51,536 pupils.

<sup>22</sup> Includes private kindergartens.

<sup>23</sup> Dentists included with physicians.

<sup>24</sup> Includes dispensaries and hospices.

<sup>25</sup> Includes military personnel.

<sup>26</sup> England and Wales only.

<sup>27</sup> Based on 1951 Census, 1-percent sample.

Source: Statistical Office of the United Nations; *Statistical Yearbook*.

## No. 1165.—QUOTAS IN THE INTERNATIONAL MONETARY FUND, AND SUBSCRIPTIONS IN THE INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT, BY MEMBERS: 1955

[In millions of U. S. dollars. As of February 28]

MEMBER	Fund quota	Bank subscription	MEMBER	Fund quota	Bank subscription	MEMBER	Fund quota	Bank subscription
<b>Total</b>	8,728.0	9,028.0	Ethiopia	6.0	3.0	Netherlands	275.0	275.0
Australia	200.0	200.0	Finland	38.0	38.0	Nicaragua	2.0	.8
Austria	50.0	50.0	France	525.0	525.0	Norway	50.0	50.0
Belgium	225.0	225.0	Germany (Federal Republics)	330.0	330.0	Pakistan	100.0	100.0
Bolivia	10.0	7.0	Greece	40.0	25.0	Panama	.5	.2
Brazil	150.0	105.0	Guatemala	5.0	2.0	Paraguay	3.5	1.4
Burma	15.0	15.0	Haiti	2.0	2.0	Peru	25.0	17.5
Canada	300.0	325.0	Honduras	2.5	1.0	Philippine Republic	15.0	15.0
Ceylon	15.0	15.0	Iceland	1.0	1.0	Sweden	100.0	100.0
Chile	50.0	35.0	India	400.0	400.0	Syria	6.5	6.5
China	550.0	600.0	Indonesia	110.0	110.0	Thailand	12.5	12.5
Colombia	50.0	35.0	Iran	35.0	33.6	Turkey	43.0	43.0
Costa Rica	5.0	2.0	Iraq	8.0	6.0	Union of South Africa	100.0	100.0
Cuba	50.0	35.0	Israel	4.5	4.5	United Kingdom	1,300.0	1,300.0
Denmark	68.0	68.0	Italy	180.0	180.0	United States	2,750.0	3,175.0
Dominican Republic	5.0	2.0	Japan	250.0	250.0	Uruguay	15.0	10.5
Ecuador	5.0	3.2	Jordan	3.0	3.0	Venezuela	15.0	10.5
Egypt	60.0	53.3	Lebanon	4.5	4.5	Yugoslavia	60.0	40.0
El Salvador	2.5	1.0	Luxembourg	10.0	10.0			
			Mexico	90.0	65.0			

Source: International Bank for Reconstruction and Development.

## No. 1166.—UNITED NATIONS AND CERTAIN SPECIALIZED AGENCIES—MEMBER CONTRIBUTIONS: 1955

[Total assessments for certain of the agencies include contributions from Cambodia, Jordan, Laos, Monaco, Morocco, Nepal, Roumania, Southern Rhodesia, Tunisia, and Viet Nam, not shown separately]

COUNTRY	UNITED NATIONS (UN)		FOOD AND AGRICULTURE ORGANIZATION (FAO)		INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO)			INTERNATIONAL LABOUR ORGANIZATION (ILO)		U. N. EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION (UNESCO)		WORLD HEALTH ORGANIZATION (WHO)	
	Percent	Amount	Percent <sup>1</sup>	Amount	Units	Percent <sup>1</sup>	Amount (Canadian)	Percent	Amount	Percent <sup>1</sup>	Amount	Percent <sup>1</sup>	Amount
1955 budget <sup>2</sup>		\$46,963,800		\$6,000,000			\$3,223,100		\$7,082,913		\$10,239,618		\$10,999,360
Total member assessments	100.0	39,640,000	100.0	5,890,000	1,500	100.0	2,530,260	100.0	6,990,913	100.0	9,491,420	100.0	10,049,360
Afghanistan	0.08	31,712	0.12	7,068	2	0.13	3,372	0.12	8,389	0.07	6,644	0.05	4,690
Albania								0.12	8,389			0.04	4,020
Argentina	1.32	523,248	1.60	94,240	23	1.53	38,782	2.18	152,402	1.19	112,948	1.73	173,600
Australia	1.80	713,520	2.06	121,334	43	2.87	72,506	2.35	164,286	1.44	136,676	1.84	184,540
Austria			0.55	32,395			61,000	0.35	24,468	0.30	28,474	0.13	13,300
Belgium	1.38	547,032	1.76	103,664	28	1.87	47,213	1.72	120,244	1.24	117,694	1.26	126,680
Bolivia	0.05	19,820	0.08	4,712	2	0.13	3,372	0.12	8,389	0.04	3,797	0.08	7,820
Brazil	1.32	523,248	1.71	100,719	36	2.40	60,702	2.22	155,198	1.19	112,948	1.73	173,600
Bulgaria								0.28	19,575			0.13	13,300
Burma	0.13	51,532	0.15	8,835	2	0.13	3,372	0.19	13,283	0.12	11,389	0.05	4,690
Eyelorussian SSR	0.53	210,092						7.04	731,459	0.48	45,559	0.20	20,330
Canada	3.63	1,438,932	5.69	335,141	75	5.00	126,463	3.98	278,238	2.77	262,912	2.99	300,280
Ceylon			0.20	11,780	3	0.21	5,059	0.15	10,486	0.12	11,389	0.04	4,020
Chile	0.30	118,920	0.41	24,149	7	0.47	11,803	0.50	34,955	0.27	25,627	0.42	42,230
China	5.62	2,227,768			10	0.67	16,862	3.04	212,524	5.06	480,266	5.60	563,010
Colombia	0.41	162,524	0.65	38,285	13	0.87	21,920	0.45	31,459	0.37	35,118		
Costa Rica	0.04	15,856	0.05	2,945				0.12	8,389	0.04	3,797	0.04	4,020
Cuba	0.30	118,920	0.50	29,450	9	0.60	15,176	0.38	26,565	0.27	25,627	0.27	27,370
Czechoslovakia	0.94	372,616	0.91	53,599	16	1.07	26,979	1.16	81,095	0.85	80,677	0.84	84,440
Denmark			0.07	4,123	15	1.00	25,283	0.97	67,812	0.67	63,593	0.74	74,290
Dominican Republic	0.05	19,820	0.06	3,534	2	0.13	3,372	0.12	8,389	0.04	3,797	0.05	4,690
Ecuador	0.04	15,856	0.06	35,340				0.12	8,389	0.04	3,797	0.05	4,690
Egypt	0.40	158,560	0.60	35,340	8	0.53	13,490	0.86	60,122	0.36	34,169	0.74	74,290
El Salvador	0.06	23,784	0.08	4,712	2	0.13	3,372	0.12	8,389	0.05	4,745	0.05	4,690
Ethiopia	0.12	47,568	0.13	7,657	3	0.21	5,059	0.12	8,389	0.05	4,745	0.08	7,820
Finland			0.56	32,084	7	0.47	11,803	0.30	20,973			0.13	13,300
France	5.90	2,338,760	7.49	441,161	105	7.00	177,048	7.49	523,619	5.31	503,994	5.60	563,010
German Fed. Republic			5.66	333,374				4.87	340,457	3.92	372,064	3.01	302,620
Greece	0.21	83,244	0.38	22,382	6	0.40	10,117	0.22	15,380	0.19	13,034	0.15	15,640
Guatemala	0.07	27,748	0.10	5,890	2	0.13	3,372	0.12	8,389	0.06	5,695	0.05	4,690
Haiti	0.04	15,856	0.05	2,945	2	0.13	3,372	0.12	8,389	0.04	3,797	0.04	4,020
Honduras	0.04	15,856	0.05	2,945	2	0.13	3,372	0.12	8,389	0.04	3,797	0.04	4,020
Hungary			0.05	2,945				0.53	37,052	0.45	42,712	0.19	18,760
Iceland	0.04	15,856	0.05	2,945	2	0.13	3,372	0.12	8,389	0.04	3,797	0.04	4,020
India	3.30	1,308,120	4.55	267,995	50	3.33	84,309	4.13	286,735	2.97	281,895	3.03	304,970



# U. N. MEMBER CONTRIBUTIONS

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Indonesia.....	0.56	221,984	0.83	48,887	10	0.67	16,862	0.43	30,061	0.50	47,457	0.31	31,280
Iran.....	0.25	99,100	0.34	20,026	3	0.21	5,059	0.54	37,751	0.23	21,830	0.42	42,230
Iraq.....	0.11	43,604	0.12	7,068	2	0.13	3,372	0.15	13,982	0.10	9,491	0.15	15,640
Ireland.....			0.27	15,903	6	0.40	10,117	0.50	34,955			0.33	33,620
Israel.....	0.17	67,388	0.19	11,191	5	0.33	8,431	0.12	8,389	0.15	14,237	0.11	10,940
Italy.....			2.99	176,111	39	2.60	65,761	3.01	210,426	2.00	189,828	1.96	197,060
Japan.....			2.79	164,331	34	2.27	57,330	2.19	153,101	1.80	170,845	1.66	167,350
Korea.....			0.16	9,424	2	0.13	3,372			0.11	10,440	0.04	4,020
Lebanon.....	0.05	19,820	0.05	2,945	2	0.13	3,372	0.12	8,389	0.04	3,797	0.06	5,480
Liberia.....	0.04	15,856	0.05	2,945	2	0.13	3,372	0.12	8,389	0.04	4,020	0.04	4,020
Libya.....			0.05	2,945	2	0.13	3,372	0.12	8,389	0.04	3,797	0.04	4,020
Luxembourg.....			0.07	4,123	2	0.13	3,372	0.12	8,389	0.05	4,745	0.05	4,690
Mexico.....	0.06	23,784	0.14	67,146	28	1.87	47,213	0.81	56,626	0.72	68,338	0.59	59,430
Netherlands.....	0.80	317,120	1.26	74,214	39	2.60	65,761	1.37	95,776	1.13	107,253	1.31	131,370
Netherlands.....	1.25	495,500											
New Zealand.....	0.48	190,272	0.58	34,162	8	0.53	13,490	0.62	43,344	0.39	37,017	0.42	42,570
Nicaragua.....	0.04	15,856	0.05	2,945	2	0.13	3,372			0.04	3,797	0.04	4,020
Norway.....	0.50	198,200	0.65	38,285	12	0.80	20,234	0.64	44,742	0.45	42,711	0.47	46,920
Pakistan.....	0.67	265,588	1.15	67,735	12	0.80	20,234	0.89	62,219	0.60	56,949	0.65	65,680
Panama.....	0.05	19,820	0.06	3,534				0.12	8,389	0.04	3,797	0.05	4,690
Paraguay.....	0.04	15,856	0.05	2,945	2	0.13	3,372					0.04	4,020
Peru.....	0.18	71,352	0.21	12,369	3	0.21	5,059	0.25	17,477	0.16	15,186	0.19	18,760
Philippines.....	0.45	178,380	0.74	43,586	11	0.73	18,648	0.37	25,866	0.41	38,915	0.27	27,370
Poland.....	0.45	178,380	0.74	43,586	11	0.73	18,648	0.37	25,866	0.41	38,915	0.27	27,370
Portugal.....	1.73	686,772	0.37	21,793	5	1.93	48,899	1.24	86,687	1.56	148,066	0.89	89,130
Saudi Arabia.....	0.07	27,748	0.09	5,301		0.33	8,431	0.67	46,839	0.06	5,695	0.37	36,750
Spain.....			1.62	95,418	23	1.53	38,782			1.13	107,253	1.03	103,230
Sweden.....	1.59	630,276	1.97	116,033	28	1.87	47,213	2.17	151,703	1.23	116,744	1.51	152,050
Switzerland.....			1.54	90,706	21	1.40	35,410	1.81	126,536	0.91	86,372	0.93	93,840
Syria.....	0.08	31,712	0.10	5,890	2	0.13	3,372	0.14	9,787	0.07	6,644	0.11	10,940
Thailand.....	0.18	71,352	0.30	17,670	4	0.27	6,745	0.29	20,274	0.16	15,186	0.25	25,020
Turkey.....	0.65	257,660	0.79	46,531	10	0.67	16,862	1.05	73,405	0.58	55,050	0.85	85,230
Turkey.....	2.00	792,800						1.05	73,405	0.58	55,050	0.85	85,230
Ukrainian SSR.....	2.00	792,800						1.05	73,405	0.58	55,050	0.85	85,230
Union of South Africa.....	0.78	309,192	0.77	45,353	13	0.87	21,920	1.28	69,909	1.80	170,845	1.04	104,790
U. S. S. R.....	15.08	5,977,712						1.28	69,909	1.80	170,845	1.04	104,790
United Kingdom.....	8.85	3,808,140	10.49	617,861	153	10.53	266,415	12.79	894,138	7.96	755,517	5.92	594,550
United States.....	33.33	13,212,012	30.00	1,767,000	489	32.60	824,639	25.00	9,747,729	30.00	102,847,426	10.72	1,077,540
Uruguay.....	0.18	71,352	0.21	13,547	3	0.21	5,059	0.35	16,079	0.40	15,186	0.17	17,200
Venezuela.....	0.44	174,416	0.57	33,573	12	0.80	20,234	0.35	24,468	0.40	37,965	0.25	25,020
Yemen.....	0.04	15,856	0.05	2,945								0.04	4,020
Yugoslavia.....	0.44	174,416	0.60	35,340				0.54	37,751	0.40	37,965	0.31	31,280

<sup>1</sup> Calculated from official scale of assessments.  
<sup>2</sup> Budget differs from actual assessments because of estimated miscellaneous income, supplementary receipts, casual revenue, savings and carry-over from previous years and various adjustments.  
<sup>3</sup> Gross assessment. Due to credits of \$50,454 in respect of the 1953 balance, and of \$63,420 in respect of the working capital fund, net assessment is \$1,633,855.  
<sup>4</sup> Gross assessment. Due to credits of \$239,376 from working capital fund, net assessment is \$1,527,624.  
<sup>5</sup> Gross assessment. Due to a credit of \$99,900 in respect of the working capital fund, net assessment is \$2,747,526.

Source: Department of State, Bureau of United Nations Affairs.

# APPENDIX I

## HISTORICAL APPENDIX—INDEX TO TABLES IN WHICH HISTORICAL STATISTICS SERIES APPEAR

[Comprises statistical time series (identified by number) shown in the historical supplement entitled *Historical Statistics of the United States, 1789-1945* and in *Continuation to 1952 of Historical Statistics of the United States 1789-1945*. Historical series are listed only: (1) Where comparable data are available for a year or years later than 1945; (2) where data are included in a table in this *Abstract*. In a number of instances, the listing includes series which do not appear in *Historical Statistics* but do appear in the *Continuation to 1952 of Historical Statistics*. These series, identified by an alphabetical suffix after the series number (as C 27a), are new series (indexes computed on a new base, figures significantly revised to include new elements, etc.) which replace discontinued series appearing in *Historical Statistics*. For a complete listing of *Historical Statistics* series for which data are available for the years 1946 to 1952, see the *Continuation to 1952 of Historical Statistics*]

Historical Statistics series	1955 Abstract table number	Historical Statistics series	1955 Abstract table number	Historical Statistics series	1955 Abstract table number	Historical Statistics series	1955 Abstract table number
A 101-107	336	C 45-51	69	E 232-243	835	G 87-92	906
A 110-116	336	C 52	70	E 244-255	523	G 93-95	936
A 117-133	339	C 56-61	74	E 258	522	G 102-103	906
A 134-144	340	C 65-76	70	E 261-266	522	G 104-105	906
A 195-197	348	C 77-78	56			G 107	938
		C 79-84	83	F 7	204	G 108-109	940
B 1-3	3	C 92-117	86	F 8	207	G 110-111	906
B 5-10	3	C 122-127	97	F 9	205	G 112-113	945
B 13	3	C 128-144	96	F 11-16	205	G 114	948
B 14-17	17	C 145a	96	F 26	767	G 116-117	950
B 18-21	25	C 146-155	96	F 28-51	767		
B 23	25			F 52	755	G 118-121	943
B 25	1	D 11-31	220	F 56	751	G 126	953
B 26-30	2	D 32-46	219	F 69-73	869	G 127-128	952
B 31	8	D 117-119	247	F 74-83	874	G 131-143	911
B 40-41	25	D 145-147	249			G 144-145	914
		D 152a-163a	252	F 84-87	873	G 147-158	914
B 44-47	25	D 172-176	234	F 88-91	874	G 160a	632
B 48	11	D 172a-175a	234	F 94-108	874	G 162	632
B 54	11	D 214-217	245	F 109-111	880	G 163a-164a	632
B 60	11	D 218-223	256	F 120-122	880	G 165	632
B 66	11	D 224-229	257	F 123-131	887		
B 72-110	21	D 230-233	258	F 132-134	884	G 166a-169a	632
B 145-163	15, 16	D 234	257	F 137-142	890	G 170	632
B 171	52	D 235-238	258	F 145-150	878	G 171-190	634
B 173	51			F 151-154	879	G 194-199	641
B 174-175	52	E 1-16	765			G 200-224	634
		E 19	772	F 155-159	894	G 225-233	638
B 182	29	E 20-24	773	F 160	893		
B 183	36	E 31	772	F 166-191	895	H 1-23	955
B 185	36	E 32-35	774	F 193	896	H 25	955
B 187	36	E 37	772	F 195	896	H 26a	955
B 189-192	36	E 43-52	772	F 199	900	H 40a-46a	958
B 193-194	29	E 54-59	772	F 201	898	H 51-57	963
B 195	35	E 61-68	234	F 203	898	H 64-65	956
B 237-239	29	E 65a-68a	234	F 205	898	H 73	956
B 244-247	34			F 207	898	H 89	972
B 250	34	E 76-87	786	F 209	898	H 90	11
		E 88-93	781	F 212-213	897		
B 251-253	25	E 95a-97a	781	F 215	897	H 91-97	972
B 258	34	E 98-102	781			H 98	19
B 265-267	25	E 103a	781	G 1a-5a	903	H 99-105	972
B 272	34	E 104	781	G 6a-6f	909	H 106	21
B 304-307	106	E 105-110	789	G 13-18	912	H 107-112	972
B 310-311	106	E 117-134	850	G 13a	912	H 114	529
B 315	106	E 136-151	852	G 19-24	912	H 120-126	521
B 317-326	106	E 152-158	855	G 27-32	912	H 128-132	529
B 328	106			G 16a	912	H 133-135	531
B 331	109	E 160-162	855	G 33-42	912		
		E 164-170	855	G 43-56	917	J 1-2	990
B 333-335	109	E 171-180	859	G 57-58	923	J 4-5	990
B 337-339	117	E 181-183	813			J 7	990
B 340-341	118	E 186-188	813	G 59-61	919	J 10	990
B 347-348	120	E 190-195	815	G 63	920	J 30a	992
B 350-352	102	E 196-198	813	G 63a	920	J 31a-31c	992
		E 200-202	813	G 65-66	929	J 31f-31m	992
C 1	8	E 204-206	813	G 67-68	928		
C 6-9	68	E 208-211	813	G 69-70	931	J 38a-38m	992
C 24	56			G 71-72	932	J 171	1013
C 25-26	58	E 213	813	G 73-74	906	J 172	1009
C 27a	62	E 215	813	G 75-76	933	J 174	1012
C 28-35	62	E 217-219	813	G 77-80	906	J 175	829
C 37	66	E 222-223	813	G 81-82	934	J 176	864
C 39-44	71	E 225-230	813	G 83-86	935	J 179-180	1016



HISTORICAL APPENDIX—INDEX TO TABLES IN WHICH *HISTORICAL STATISTICS*  
SERIES APPEAR—Continued

Historical Statistics series	1955 Abstract table number	Historical Statistics series	1955 Abstract table number	Historical Statistics series	1955 Abstract table number	Historical Statistics series	1955 Abstract table number
K 23-33.....	675	K 181.....	650	N 43-48.....	493	P 32-37.....	404
K 34-39.....	676	K 184-188.....	656	N 60-67.....	505	P 40-49.....	403
K 40.....	691	K 189-191.....	653	N 68-69.....	497	P 50-56.....	401
K 41-42.....	676	K 191a-191b.....	653	N 73-75.....	497	P 59.....	391
K 43-51.....	689	K 193-204.....	657	N 87.....	489	P 62.....	444
K 52-59.....	693	K 205-219.....	660	N 109-113.....	536	P 63.....	447
K 60-61.....	685	K 220a.....	660	N 114-116.....	499	P 65-68.....	444
K 62-66.....	684	K 221-224.....	660	N 118-119.....	499	P 71a.....	442
K 67.....	682	K 224a.....	660	N 120-122.....	500	P 89a.....	406
K 68-70.....	684	K 225-232.....	664	N 131-134.....	502	P 89-94.....	406
K 71-72.....	676	K 233-235.....	665	N 135.....	508	P 96.....	406
K 75-76.....	676	K 236.....	661	N 140-141.....	508	P 98.....	406
K 77.....	685	K 236a-236b.....	661	N 146.....	508	P 99-105.....	407
K 78.....	676	K 241.....	711	N 148-151.....	486	P 109a.....	415
K 79.....	686	K 246-256.....	709	N 153-156.....	487	P 110-121.....	415
K 80-83.....	676	K 257.....	707	N 158-160.....	487	P 125.....	415
K 84-93.....	696	K 259-260.....	707	N 162.....	487	P 127-129.....	415
K 94-102.....	744	K 264.....	707	N 164-165.....	487	P 132-133.....	433
K 105.....	747	K 265.....	709	N 166.....	490	P 136.....	433
K 107.....	747	K 270.....	707	N 168-171.....	490	P 139-143.....	433
K 113-116.....	747	L 15a-15s.....	371	N 172-178.....	485	P 144.....	422
K 118.....	747	L 41a-41q.....	376	N 179.....	491	P 146-147.....	422
K 119-123.....	748			N 181-182.....	491	P 152-153.....	426
K 124.....	744	M 1.....	1096	N 183-184.....	492	P 155-158.....	426
K 124a-124c.....	744	M 4-7.....	1096	N 185-187.....	542	P 160.....	426
K 125-126.....	744	M 7a.....	1096	N 188a-191a.....	543	P 162.....	426
K 132.....	716	M 8-11.....	1096	N 197-200.....	551	P 164.....	426
K 134-139.....	716	M 13.....	1096	N 203a.....	551	P 165-167.....	620
K 141-144.....	716	M 15-18.....	1097	N 204-205.....	551	P 170a.....	631
K 145a.....	716	M 24-27.....	1097	N 212-214.....	550	P 170-174.....	631
		M 33-41.....	1097	N 221-227.....	557		
K 146-151.....	739	M 42-55.....	1108	N 228-232.....	547	P 175a.....	631
K 152-157.....	740	M 56-67.....	1115			P 176-179.....	602
K 170-171.....	736	M 68-70.....	1123	P 29.....	390	P 180.....	603
K 178-179.....	650	M 75-86.....	1130	P 30.....	392	P 181.....	602
K 180.....	651	M 87-102.....	1124	P 31.....	390	P 185-187.....	602

## APPENDIX II

### Weights and measures

#### UNITED STATES UNITS WITH METRIC EQUIVALENTS

1 inch=2.540 centimeters.	1 liquid quart=0.9463 liter.
1 foot=0.3048 meter.	1 gallon=231 cubic inches=3.785 liters.
1 yard=0.9144 meter.	1 busbel (measured)=2,150.4 cubic inches=35.24 liters.
1 mile=1.609 kilometers.	1 avoirdupois ounce=28.35 grams.
1 square yard=0.8361 square meter.	1 troy ounce=31.10 grams.
1 acre=0.4047 hectare.	1 pound=0.4536 kilogram.
1 square mile=2.590 square kilometers.	1 long ton=2,240 pounds=1.0160 metric tons of 1,000 kilograms.
1 cubic inch=16.39 cubic centimeters.	1 short ton=2,000 pounds=0.9072 metric ton.
1 cubic foot=0.02832 cubic meter.	
1 cubic yard=0.7646 cubic meter.	

#### UNITED STATES GALLON AND BUSHEL WITH BRITISH EQUIVALENTS

1 United States gallon=231 cubic inches=0.8331 imperial gallon.	1 United States busbel=2,150.4 cubic inches=0.9694 imperial bushel.
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#### OFFICIAL WEIGHTS OF THE BARREL OF NONLIQUID PRODUCTS

ITEM	Pounds	Kilograms
Wheat flour, barley flour, rye flour, and corn meal (net) <sup>1</sup> .....	196	88.90
Rosin, tar and pitch (gross).....	500	226.80
Fish, pickled (net).....	200	90.72
Lime (net).....	200	90.72
Cement (4 bags counted as 1 barrel) (net) <sup>1</sup> .....	376	170.55

<sup>1</sup> Except as noted in the tables.

#### OFFICIAL WEIGHTS OF THE UNITED STATES BUSHEL

ITEM	Pounds	Kilograms
Wheat, beans, peas, potatoes (Irish or white).....	60	27.22
Rye, corn (maize), linseed (flaxseed), maslin (mixed grain).....	56	25.40
Barley, buckwheat.....	48	21.77
Onions.....	57	25.86
Rough rice.....	45	20.41
Malt.....	34	15.42
Oats.....	32	14.51
Peanuts, green, in shell.....	22	9.98
Castor beans.....	50	22.68

#### APPROXIMATE WEIGHT OF PETROLEUM AND PRODUCTS

In the United States petroleum and its products are measured by bulk, not weight. Whether handled in containers or without them the quantities are customarily reduced to the equivalent of barrels of 42 United States gallons (barrel thus equals 158.984 liters). In many foreign countries these commodities are measured by weight. The specific gravity of the different grades of crude petroleum and of the finished products varies materially. On the basis of approximate averages the Department of Commerce in converting foreign weight statistics to gallons or barrels of 42 gallons uses the factors shown in the following table:

ITEM	WEIGHT OF UNITED STATES GALLON		WEIGHT OF BARREL OF 42 GALLONS	
	Pounds	Kilo-grams	Pounds	Kilo-grams
Crude petroleum.....	7.3	3.311	306.6	139.07
Lubricating oils.....	7.0	3.175	294.0	133.36
Illuminating oils (kerosene).....	6.6	2.994	277.2	125.74
Gasoline and related products (motor spirit, benzine, etc.).....	6.1	2.767	256.2	116.21
Fuel and gas oils.....	7.7	3.493	323.4	146.69



## BIBLIOGRAPHY OF SOURCES OF STATISTICAL DATA

Alphabetically indexed by subject, this bibliography contains references to the important primary sources of statistical information for the United States. Secondary sources have been included if the information contained therein is presented in a particularly convenient form or if primary sources are not readily available. Non-recurrent publications presenting compilations or estimates for several years or new types of data not available in regular series are also included.

Much valuable information may also be found in State reports and in reports for particular commodities, industries, or similar segments of our economic and social structure. However, because of the large number of such references, they are not included here.

Section references on the right-hand side of each page indicate where data from the report cited appear in the *Statistical Abstract*. Where current reports and a summary volume are both cited in the bibliography the section reference will often appear opposite the summary volume only. Reference to the sections indicated will enable the user to ascertain the type of information presented in the original source. It should not be assumed that all of the subjects from the original source are summarized in the *Abstract*.

Publications listed under each subject are divided into two groups in the main: "United States Government" and "Other." Publications of the Board of Governors of the Federal Reserve System are included under the "United States Government" category, although the Board is a quasi-governmental agency. The location of the publisher of each report is given except for Federal governmental agencies located in Washington. Major reports, such as the Census of Population which consists of many volumes, are listed by their general, all-inclusive titles rather than their specific volume numbers and subtitles. The final reports of the 1950 Censuses which include those on the Censuses of Agriculture, Population, and Housing, are listed at the end of the bibliography together with the final reports of the 1948 Census of Business and the 1947 Census of Manufactures.

**Accidents—see also Health; Insurance; and Vital Statistics**

Abstract  
Sec. No.

### *United States Government*

#### Bureau of Mines

Coal-Mine Fatalities. Monthly.

Coal-Mine Injuries. Monthly.

Injury Experience in Coal Mining. Annual. (Bulletins are issued periodically also for accidents in the coking industry, the oil and gas industry, etc.)-----

28

#### Bureau of Labor Statistics

Monthly Labor Review. (Accident data.)----- 8, 12, 29

Work Injuries in the United States. Annual. (Separate bulletins issued also on frequency, severity, and kinds of injuries and types and causes of accidents in selected major industries.)

#### Interstate Commerce Commission

Accident Bulletin—Summary and Analysis of Accidents on Steam Railways in United States. Subject to Interstate Commerce Act. Annual-----

21

Summary of Accidents Reported by Steam Railways. Monthly with quarterly summaries.

#### Public Health Service

Accident Frequency, Place of Occurrence, and Relation to Chronic Disease. (PHS Publication No. 249; Public Health Monograph No. 14.) 1950.

Motor Vehicle Accident Fatalities. Annual 1941-49.

### *Other*

National Safety Council, Chicago, Ill.

Accident Facts. Annual.

Advertising—see Service Establishments.

Abstract  
Sec. No.

Agriculture—see also Irrigation; and Population

*United States Government*

Agricultural Marketing Service

Acreage, Yield, and Production of Principal Crops. Annual summary----- 25

Agricultural Economics Research. Quarterly.-----

Agricultural Outlook Charts. Annual.-----

Agricultural Prices, Prices Received and Paid by Farmers, and Parity Prices. (Includes Season Average Prices and Value of Production.) Monthly and annual----- 24, 25

Commercial Grain Stock Reports. Weekly with annual summary.-----

Cotton and Cottonseed Production. Annual----- 25

Crop and livestock reports. (Farm production and disposition of principal crops, meat animals, milk, chickens, eggs, turkeys, etc.) Monthly, quarterly, annual----- 25

Crops and Markets. Annual----- 24, 25

Production of Manufactured Dairy Products. Annual----- 25

Situation Reports. (Separate reports on various commodities and on aspects of agriculture such as farm income, marketing, and transportation, etc.) Monthly, quarterly, annual----- 24, 25

Agricultural Research Service

The Agricultural Finance Review. Annual----- 16, 24

The Balance Sheet of Agriculture. Annual----- 24

Current Developments in the Farm Real Estate Market. Three times a year----- 24

Bureau of Agricultural Economics

Cash Receipts from Farming, by States and Commodities, 1924-44. Later and revised data published in "The Farm Income Situation" reports. (See Situation Reports under Agricultural Marketing Service.)

Farmer Bankruptcies, 1898-1935. 1936. Subsequent annual data included in The Agricultural Finance Review under Agricultural Research Service.

Gross Farm Income and Indices of Farm Production and Prices in the United States, 1869-1937. 1940.

Major Uses of Land in the United States. 1953. (Technical Bulletin No. 1082.) Also supplement, 1953.----- 7, 24

Net Farm Income and Parity Report. Annual through 1943. Later and revised data published in "The Farm Income Situation" reports. (See Situation Reports under Agricultural Marketing Service.)----- 24

Bureau of the Census

Census of Agriculture. Quinquennial. (1954 census in process.)-- 23-25, 33

Census of Manufactures. Quinquennial. (Biennial 1921-39. Latest census covers 1947; 1954 census in process.) (Processing of agricultural products.)----- 18, 26, 30, 33

Cotton ginning reports. Semimonthly and monthly during season, and annual. The current reports are summarized in two annual bulletins: (1) Cotton Production in the United States. (2) Cotton Production and Distribution----- 25, 30

Fats and Oils. (Facts for Industry Series.) Monthly and annual. The current reports are summarized in the annual report, Animal and Vegetable Fats and Oils.----- 25

Raw Materials in the United States Economy: 1900-1952 (Working Paper No. 1)----- 28

Bureau of the Census and Bureau of Agricultural Economics

Farm Mortgage Debt (U. S. Census of Agriculture: 1950, Vol. V, pt. 8.)----- 24

Commodity Exchange Authority

Commodity Futures Statistics. Annual----- 16

Department of Agriculture

Agricultural Statistics. Annual----- 2, 18, 19, 24-26

Commodity Statistics. (Separate reports on various commodities, such as cotton, tobacco, livestock, wool, meats, dairy and poultry products, etc.) Annual----- 25



**Agriculture—Continued***United States Government—Continued*

Farm Credit Administration	
Annual Report.....	16
Farmer Cooperative Service	
Statistics of Farmers' Marketing, Purchasing, and Service Cooperatives. Annual.....	24
Federal Crop Insurance Corporation	
Report of Manager of Federal Crop Insurance Corporation. Annual.	
Foreign Agricultural Service	
Foreign Agricultural Trade. Monthly.....	25
Office of Business Economics	
Survey of Current Business. Monthly statistics and special articles.....	11, 12, 14, 16, 17, 22, 24, 26, 29-32
Rural Electrification Administration	
Annual Statistical Report.	
Rural Lines. Monthly.	

*Other*

National Fertilizer Association, Inc., Washington, D. C.	
National Fertilizer Review. Quarterly.....	24

Air Force—see Military Services.

Alaska—see Territories.

Aliens—see Immigration.

American Samoa—see Territories.

**Area***United States Government*

Bureau of Agricultural Economics	
Major Uses of Land in the United States. 1953. (Technical Bulletin No. 1082). Also supplement, 1953.....	7, 24
Bureau of the Census	
Areas of the United States, 1940. 1943.....	1

Army—see Military Services.

Banks and Banking—see Money.

Births—see Vital Statistics.

Broadcasting—see Communications.

Building Permits—see Construction.

**Business and Industry Indexes***United States Government*

Board of Governors of the Federal Reserve System	
Federal Reserve Bulletin. Monthly. (Also monthly releases on business and industrial production indexes.).....	11, 14, 16, 17, 28-32
Bureau of Labor Statistics	
Handbook of Labor Statistics, 1950 Edition and 1951 Supplement....	8, 12
Monthly Labor Review.....	8, 12, 29
Council of Economic Advisers	
Economic Indicators. Monthly.....	8
Economic Report of the President. Annual.....	11, 17
Office of Business Economics	
Survey of Current Business. Monthly. Supplemented by Business Statistics, weekly and biennial.....	11, 12, 14, 16, 17, 22, 24, 26, 29-32

*Other*

Business Week. (McGraw-Hill Publishing Company, New York, N. Y.)  
Weekly. (Index of business activity.)

Federal Reserve banks  
Monthly review published by each bank with special reference to its own federal reserve district.

National Bureau of Economic Research, New York, N. Y.  
Employment in Manufacturing, 1899-1939, by Solomon Fabricant.  
1942.

**Business and Industry Indexes—Continued**Abstract  
Sec. No.*Other—Continued**National Bureau of Economic Research—Continued*

Production of Industrial Materials in World Wars I and II (Occasional Paper No. 18), by Geoffrey H. Moore. 1940.

Statistical Indicators of Cyclical Revivals and Recessions (Occasional Paper No. 31), by Geoffrey H. Moore. 1950.

Value of Commodity Output Since 1869, by William Howard Shaw. 1947.

National Industrial Conference Board, Inc., New York, N. Y.

Business Record. Monthly.

The Economic Almanac. Annual.

Management Record. Monthly.

New York Times, New York, N. Y.

Daily. (Weekly Index of Business Conditions.)

12

Canal Zone—see Territories.

**Child Welfare***United States Government*

Bureau of the Census

Census of Population. Decennial. 1, 4, 8, 11, 13, 33

Department of Health, Education, and Welfare

Annual Report.

Social Security Administration

Children's Bureau Statistical Series.

Social Security Bulletin. Monthly. Beginning 1950, annual statistical supplement in September issue.

Social Security in the United States. New edition, 1952. 10, 16

*Other*

Boy Scouts of America, National Council, New Brunswick, N. J.: Annual Report.

Girl Scouts of the U. S. A., New York, N. Y.

Annual Report.

Civil Aeronautics—see Land and Air Transportation.

Civil Service—see Federal Government; and State and Local Government.

**Climate***United States Government*

Department of Agriculture

Yearbook of Agriculture, 1941: Climate and Man.

Department of Agriculture and Department of Commerce

Fluctuations in Crops and Weather, 1866–1948.

Weather Bureau

Climatological Data. Monthly and annually for each State.

Climatological Data, National Summary. Monthly and annual.

Daily and Hourly Precipitation. Monthly. (Hydrologic bulletins issued for eight regions of the United States until about June 1948, then published in monthly Climatological Data until September 1951 after which the publication of hourly values was discontinued.)

Daily River Stages. Annual.

Local Climatological Data. Monthly and annually for local areas.

Meteorological Yearbook. (Through 1949. Period from 1943 to 1949 in one volume.) Information now shown in Climatological Data, National Summary.

Monthly Weather Review.

Weekly Weather and Crop Bulletin, National Summary:

**Commodity Prices***United States Government*

Agricultural Marketing Service

Agricultural Prices, Prices Received and Paid by Farmers, and Parity Prices. (Includes Season Average Prices and Value of Production.)

Monthly and annual.

Crops and Markets. Annual. 24, 25

24, 25



**Commodity Prices—Continued**Abstract  
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## Bureau of Agricultural Economics

Gross Farm Income and Indices of Farm Production and Prices in the United States, 1869–1937. 1940.

Price Spreads Between Farmers and Consumers for Food Products, 1913–44.

## Bureau of Labor Statistics

Handbook of Labor Statistics, 1950 Edition and 1951 Supplement... 8, 12

Monthly Labor Review... 8, 12, 29

Retail Prices. Releases and periodic bulletins on monthly and annual average prices and indexes. Monthly releases, "Consumer Price Index," "Retail Food Prices by Cities," and "Retail Prices and Indexes of Fuels and Electricity"..... 12

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*Other*

Commodity Research Bureau, Inc., New York, N. Y.

Commodity Yearbook. Annual.

Guaranty Trust Company of New York, New York, N. Y.

The Guaranty Survey. Monthly. (Wholesale price index.)

Journal of Commerce and Commercial. (Twin Coast Newspapers, Inc., New York, N. Y.) Daily except Saturday, Sunday, and holidays.

National Bureau of Economic Research, New York, N. Y.

The Structure of Postwar Prices (Occasional Paper No. 27), by Frederick C. Mills. 1948.

National Industrial Conference Board, Inc., New York, N. Y.

The Economic Almanac. Annual.

The Management Almanac. Annual.

Management Record. Monthly. (Consumer Price indexes—NICB.)... 12

Wall Street Journal. (Dow Jones &amp; Company, Inc.) Daily except Saturday, Sunday, and holidays.

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## Board of Governors of the Federal Reserve System

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 Census of Population. Decennial. (Tenure, family, and related data.)----- 1, 4, 8, 11, 13, 33  
 Housing Vacancy and Occupancy Surveys. Reports on housing of World War II veterans and dwelling unit vacancy and occupancy in selected areas.
- Bureau of the Census and Bureau of Agricultural Economics  
 Farm Mortgage Debt (U. S. Census of Agriculture: 1950, Vol. V, pt. 8.)----- 24
- Bureau of Labor Statistics  
 Building Permit Activity. Monthly press release.  
 Construction. Annual Review. 1942-45, 1946-47, 1948, 1950, and 1951.  
 Construction Activity in the United States. Monthly press release issued jointly with the Department of Commerce.  
 Construction Cost Indexes; Annual Indexes, 1915-53; Monthly Indexes, January 1949-July 1954. Report No. 73. 1954.  
 Construction During Five Decades: Historical Series, 1907-52. Bulletin No. 1146. 1954----- 29  
 Consumer Price Index. (Housing rent indexes.) Monthly release.  
 Dwelling Units Authorized by Local Building Permits. Monthly and annual reports.  
 Employment and Earnings. Replaces, beginning May 1954, both "Employment and Payrolls," and "Hours and Earnings." Monthly - 8, 22  
 Housing Starts. Monthly press release.  
 Housing Volume and Construction Cost of One-Family Houses, 1946-50. 15 Metropolitan Areas. May 1951 Supplement to Construction. Revised data in "New Housing in 15 Metropolitan Areas, July 1950-June 1951."  
 Monthly Labor Review----- 8, 12, 29  
 New Construction—Expenditures, 1915-51; Labor Requirements, 1939-51. Bulletin. 1953. 1952 Supplement, New Construction, Expenditures, Labor Requirements. August 15, 1953.  
 New Housing in Metropolitan Areas, 1949-51. Bulletin. 1952.  
 The Structure of the Residential Building Industry in 1949. Bulletin. 1954.
- Union Wages and Hours in the Building Trades. Annual bulletins.
- Bureau of Labor Statistics and Business and Defense Services Administration  
 Construction Review. Monthly. Beginning January 1955 replaces the monthly publications "Construction" (Bureau of Labor Statistics) and "Construction and Building Materials Industry Report" (Business and Defense Services Administration)----- 26, 29
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 Insured Mortgage Portfolio. Quarterly.
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 Statistical Summary. Annual.
- Housing and Home Finance Agency  
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 The Housing Situation. 1950.  
 Housing Statistics. Monthly.  
 Housing Statistics Handbook. 1948.
- Interstate Commerce Commission  
 Railroad Construction Indices. Annual.



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## Office of Business Economics

Survey of Current Business. Monthly statistics and special articles..... 11, 12, 14, 16, 17, 22, 24, 26, 29-32

## President's Advisory Committee on Government Housing Policies and Programs

Recommendations on Government Housing Policies and Programs. December, 1953.

*Other*

F. W. Dodge Corporation, New York, N. Y.

Dodge Statistical Research Service. Monthly. (Construction data.)- 29

Dun and Bradstreet, Inc., New York, N. Y.

Dun's Statistical Review. Monthly. (Building permit data.)----- 17

Engineering News-Record. (McGraw-Hill Publishing Company, New York, N. Y.) Weekly. (Construction costs index.)----- 29

National Bureau of Economic Research, New York, N. Y.

Urban Mortgage Lending by Life Insurance Companies, by R. J. Saulnier. 1950.

**Consumer Incomes and Expenditures—see also National Income***United States Government*

## Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. (Survey of Consumer Finances, published each year in several issues.)----- 11, 16

## Bureau of the Census

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Current Population Reports. Periodic releases on Consumer Income. (The latest, "Family Income in the United States, 1953" and "Income of Persons in the United States, 1953.")----- 10, 11

## Bureau of Labor Statistics

Family Income, Expenditures and Savings in 1945. (3 cities.) Bulletin No. 956.

Family Income, Expenditures and Savings in 10 Cities, 1946-49. Bulletin No. 1065.

Family Income, Expenditures and Savings in 1950. (91 urban places.) Bulletin No. 1097 (revised)----- 11

Family Spending and Savings in Wartime. (All United States in 1941 and First Quarter 1942.) Bulletin No. 822.

Monthly Labor Review..... 8, 12, 29

## Council of Economic Advisers

Economic Report of the President. Annual..... 11, 17

## Department of Agriculture

Agricultural Statistics. Annual..... 2, 18, 19, 24-26

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## Office of Business Economics

Survey of Current Business. Monthly statistics and special articles..... 11, 12, 14, 16, 17, 22, 24, 26, 29-32

## Securities and Exchange Commission

Statistical Bulletin. Monthly. (Individuals' saving appears quarterly.)----- 16

Volume and Composition of Individuals' Saving. Quarterly----- 16

*Other*

Goldsmith, R. W. (Princeton, N. J., Princeton University Press)

A Study of Saving in the United States, Vol. III, 1955..... 11

National Bureau of Economic Research, New York, N. Y.

Shares of Upper Income Groups in Income and Savings, by Simon Kuznets. 1952..... 11

Studies in Income and Wealth. Vol. 13—Ten Papers on Size Distribution of Income, 1951, and Vol. 15—Eight Papers on Income Size Distribution, 1952.

**Consumer Incomes and Expenditures—Continued**Abstract  
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- National Industrial Conference Board, Inc., New York, N. Y.  
 Business Record. Monthly.  
 The Economic Almanac. Annual.

Consumer Prices—see *Commodity Prices*.

Corporations—see *Manufactures*.

Correctional Institutions—see *Law Enforcement*.

Cost of Living—see *Commodity Prices*.

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Deaths—see *Vital Statistics*.

Debt—see *Public and Private Debt*.

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## Bureau of the Census

- Census of Population. Decennial ..... 1, 4, 8, 11, 13, 33  
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## Office of Education

- Biennial Survey of Education ..... 4, 33

Current Expenditure per Pupil in City School Systems. Annual

- Digest of Annual Reports of State Boards for Vocational Education ..... 4

Directory of Secondary Schools (showing accredited status, enrollment, staff, and other data for publicly and privately controlled schools). 1949, 1952.

Earned Degrees Conferred by Higher Educational Institutions. Annual

- Engineering Enrollments and Degrees. Annual ..... 4

Expenditure for Education at the Midcentury. Misc. No. 18. 1953. (Also Supplement Misc. No. 19. 1954.)

Fall Enrollment in Higher Educational Institutions. Annual ..... 4

Federal Funds for Education. Biennial ..... 4

Public Library Statistics, 1950.

Public School Finance Programs of the Forty-eight States. Circular No. 274. 1950.

Residence and Migration of College Students. 1949-50. Misc. No. 14. 1951.

Resident, Extension and Adult Education Enrollments in Institutions of Higher Education: Fall. Annual.

Statistics of Land-Grant Colleges and Universities. Annual ..... 4

Statistics of State School Systems. Annual ..... 4, 33

*Other*

The Council of State Governments, Chicago, Ill.

The Forty-eight State School Systems. 1949.

Higher Education in the Forty-eight States. 1952.

National Catholic Welfare Conference, Washington, D. C.

Summary of Catholic Education. Biennial.

National Education Association, Washington, D. C.

Research Bulletin. Published four times a year.

Teacher Supply and Demand Report. Annual.



**Elections***United States Government*

## Bureau of the Census

Current Population Reports. Population Estimates..... 1, 13, 33  
 Elections. (1947 and previous years, series of reports including calendar of elections and State and city proposals voted upon. Special reports, The Soldier Vote in 1942 and Army and Navy Voting in 1944.)

Vote Cast in Presidential and Congressional Elections, 1928-44..... 13

## Congress. Clerk of the House

Statistics of Presidential and Congressional Elections. Biennial..... 13

## Congress. Joint Committee on Printing

Congressional Directory..... 13

*Other*

Bean, Louis H. (New York, Knopf. 1948)

How to Predict Elections. (Appendix has useful tabulations.)

Congressional Quarterly News Features, Washington, D. C.

Congressional Quarterly Almanac..... 13

The Council of State Governments

The Book of the States. Biennial..... 13

Ewing, Cortez A. M. (Norman, Okla., University of Oklahoma Press. 1947)

Congressional Elections, 1896-1944.

Gallup, George (New York, Forbes)

The Political Almanac, 1952.

The Political Almanac with 1953 Supplement.

Heard, Alexander and Strong, Donald S. (University, Ala., University of Alabama Press. 1950)

Southern Primaries and Elections, 1920-49.

New York World-Telegram and the Sun

The World Almanac. Annual.

Robinson, E. E. (Palo Alto, Calif., Stanford University Press)

The Presidential Vote, 1896-1932. 1934.

They Voted for Roosevelt, the Presidential Vote, 1932-1944. 1947.

Electrical Industries—see Power.

Emigration—see Immigration.

Employment—see Labor.

Exports—see Foreign Commerce.

Family Characteristics—see Population.

Farms and Farm Characteristics—see Agriculture.

Federal Employees—see Federal Government; and Labor.

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Board of Governors of the Federal Reserve System

Banking and Monetary Statistics. 1943..... 16, 32

Federal Reserve Bulletin. Monthly..... 11, 14, 16, 17, 28-32

Federal Reserve Charts on Bank Credit, Money Rates, and Business.  
 Monthly.

Bureau of the Budget

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Bureau of Employees' Compensation

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Monthly Report of Federal Employment..... 14

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Comparative Statement of Internal Revenue Collections. Annual.

Statistics of Income. Parts 1 and 2. Annual----- 14, 17, 31

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## Treasury Department

Annual Report----- 14, 16, 32

Combined Statement of Receipts, Expenditures and Balances of the  
United States Government. Annual.

Daily Statement of the United States Treasury----- 14

Federal-State-Local Tax Coordination. 1952.

Monthly Statement of Receipts and Expenditures of the United  
States Government.

Overlapping Taxes in the United States. 1954.

Prices and Yields of Public Marketable Securities Issued by the United  
States Government and by Federal Agencies. Monthly. Last  
issue, 1953. (Contains daily quotations.)

Treasury Bulletin. Monthly----- 14

*Other*

Moody's Investors Service, New York, N. Y.

Moody's Municipals and Governments. (American and foreign gov-  
ernment securities.) Annual.

National Bureau of Economic Research, New York, N. Y.

Federal Grants and the Business Cycle, by James A. Maxwell. 1952.

Trend of Government Activity in the United States Since 1900, by  
Solomon Fabricant. 1952.

Fertilizer—see Agriculture.

Finance—see Federal Government; Investments; Money; Public and Private  
Debt; and State and Local Government.**Fisheries***United States Government*

## Fish and Wildlife Service

Alaska Fishery and Fur-Seal Industries. Annual.

Commercial Fisheries Review. Monthly.

Current fishery statistics bulletins. Monthly and annual----- 25, 27

Fishery Market News Reports. Daily, monthly, and annual.

Fishery Statistics of the United States. Annual----- 27

Propagation and Distribution of Food Fishes. Annual----- 27

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## Bureau of the Census

Catalog of Monthly United States Foreign Trade Statistical Publica-  
tions.Foreign Commerce and Navigation of the United States. Annual  
(latest issue, 1946)----- 22, 25, 28, 30, 32

Foreign Trade Statistics Notes.

Raw Materials in the United States Economy: 1900-1952 (Working  
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Quarterly Summary of Foreign Commerce of the United States----- 32, 33

Water-Borne Foreign Trade Statistics, Summary Report. Monthly  
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## Bureau of Foreign Commerce

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Foreign Commerce Yearbook.

Monthly U. S. Foreign Trade.

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## President's Materials Policy Commission

Resources for Freedom.

## Tariff Commission

Annual Report.

Effect of Trade Agreement Concessions on United States Tariff Levels  
Based on Imports in 1952. 1953.Post-War Imports and Domestic Production of Major Commodities.  
1945.

Summaries of Tariff Information. 1949.

## Treasury Department

Annual Report. (Customs statistics.)..... 14, 16, 32

*Other*

Commodity Research Bureau, Inc., New York, N. Y.

Commodity Yearbook. Annual.

**Forests and Lumber***United States Government*

## Agricultural Marketing Service

Naval Stores Report. Monthly, semiannual, and annual..... 26

## Bureau of the Census

Census of Business. Decennial, 1930 and 1940; quinquennial, 1948  
(latest census; 1954 census in process). Special censuses in 1933  
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Latest census covers 1947; 1954 census in process.)..... 18, 26, 30, 33Facts for Industry series. Monthly, quarterly, and annual reports  
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## Bureau of Labor Statistics and Business and Defense Services Administration

Construction Review. Monthly. Beginning January 1955 replaces  
the monthly publications "Construction" (Bureau of Labor Statistics)  
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## Department of Agriculture

Agricultural Statistics. Annual..... 2, 18, 19, 24-26

## Forest Service

Annual Report (Statistical Supplement).

Forest Fire Statistics. Annual..... 26

Forest Survey Reports. Periodic.

National Forest Areas. Annual..... 26

A Reappraisal of the Forest Situation. (A series of reports issued in  
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## Forest Service and American Wood-Preservers' Association

Quantity of Wood Treated and Preservatives Used in the United  
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## National Forest Reservation Commission

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*Other*

American Lumberman, Inc., Chicago, Ill.

American Lumberman and Building Products Merchandiser. Bi-  
weekly.

National Lumber Manufacturers Association, Inc., Washington, D. C.

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Government—see Federal Government; and State and Local Government.

- Grants in Aid—*see* Federal Government; International Accounts and Aid; and State and Local Government. Abstract Sec. No.
- Guam—*see* Territories.
- Hawaii—*see* Territories.
- Health and Medical Care**—*see also* Accidents; Insurance; Social Insurance; and Vital Statistics
- United States Government*
- Agricultural Marketing Service  
National Food Situation (Nutrition). Quarterly.
- Congress. House of Representatives. Committee on Interstate and Foreign Commerce  
Health Inquiry Hearings (83d Congress). In 8 parts. 1953.
- Department of the Army  
Health of the Army. Monthly ----- 9
- Department of the Navy  
Annual Report, Surgeon General, U. S. N.  
Medical Statistics. Annual.  
Statistics of Navy Medicine. Monthly.
- President's Commission on the Health Needs of the Nation  
Building America's Health. Five volumes, especially 2, 3, and 4. 1951.
- Public Health Service  
Annual Report of the Surgeon General of the United States Public Health Service.  
Census of Nurses Employed for Public Health Work in the United States and Territories. Annual.  
Health Manpower Source Book. Sections published on physicians, nurses, medical social workers, and other topics.  
Patients in Mental Institutions. Annual. (Supplemented by mental health statistics, current reports at irregular intervals.) ----- 2  
Public Health Reports. Monthly.  
Public Health Service publications. (Numbered series issued at frequent intervals containing some statistical reports, including those issued in a numbered series of Public Health Monographs. Supersede National Institute of Health Bulletins, Public Health Bulletins, and Supplements to Public Health Reports. See Public Health Reports for list of titles and subjects covered.)  
Report of Local Public Health Resources. Annual.  
Salaries of Local Public Health Workers. Annual.
- Social Security Administration  
Bureau of Public Assistance Reports. (Data on medical care for recipients.) Irregular.  
Children's Bureau Statistical Series. (Reports on maternal and infant mortality, obstetrical services, and characteristics of recipients of services for crippled children.) Irregular.  
Division (Bureau) of Research and Statistics Memorandums. (Reports on medical care and costs, health insurance plans and coverage, disability insurance, etc.) Irregular.  
Social Security Bulletin. (Data on vendor payments for medical care of public assistance recipients on number of beneficiaries and benefit amounts for temporary disability insurance, on governmental and private expenditures for health services, on workmen's compensation, and on voluntary health insurance.) ----- 10
- Veterans Administration  
Annual Report of Administrator of Veterans Affairs. (Data on veterans' facilities.) ----- 9
- Other*
- American Dental Association, Chicago, Ill.  
Distribution of Dentists in the United States by State, Region, District, and County. Annual.  
American Hospital Association, Chicago, Ill.  
Administrators Guide Issue of Hospitals. Annual.



**Health and Medical Care—Continued***Other—Continued*Abstract  
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- American Medical Association, Chicago, Ill.  
 Hospital Service in the United States. Annual.----- 2  
 Medical Licensure Statistics. Annual.  
 Survey of Number of Physicians in the U. S. by County. Irregular.  
 American Nurses Association, Inc., New York, N. Y.  
 Facts About Nursing; A Statistical Summary. Annual.  
 Inventory of Professional Registered Nurses. Biennial.  
 Brookings Institution, Washington, D. C.  
 Health Resources in the United States, Personnel, Facilities, and  
 Services, by George W. Bachman and Associates. 1952.  
 Metropolitan Life Insurance Co., New York, N. Y.  
 Health Progress, 1936 to 1945, by Louis I. Dublin. (Supplement to  
 Twenty-five Years of Health Progress.) 1948.

Hospitals—*see* Health.Hotels—*see* Service Establishments.Housing—*see* Agriculture; Construction; *and* Population.**Immigration, Emigration, and Naturalization—*see also* Population***United States Government*

- Department of Justice  
 Annual report of the Attorney General. (Statistical tables on immi-  
 gration included prior to 1942.)  
 Immigration and Naturalization Service  
 Annual Report.----- 3  
 I & N Reporter (formerly Monthly Review). Quarterly.  
 President's Commission on Immigration and Naturalization  
 Whom We Shall Welcome. 1953.

Imports—*see* Foreign Commerce.Income—*see* Consumer Incomes; *and* National Income.Industry—*see* Business and Industry Indexes; *and* Manufactures.Institutions—*see* Education; Health; Law Enforcement; *and* Vital Statistics.**Insurance—*see also* Money; *and* Social Insurance***United States Government*

- Bureau of Employment Security  
 Reports on unemployment insurance.----- 10  
 Bureau of Old-Age and Survivors Insurance  
 Handbook of Old-Age and Survivors Insurance Statistics, 1950. 1953.  
 Congress. Senate. Committee on Labor and Public Welfare  
 Health Insurance Plans in the United States. In 3 parts. (Senate  
 Report 359; 82d Congress.) 1951.  
 Office of Business Economics  
 Survey of Current Business. Monthly statistics. Admitted assets  
 and premium collections from Life Insurance Association of America;  
 payments to policyholders and beneficiaries from Institute of Life  
 Insurance; insurance written from Life Insurance Management  
 Association.----- 11, 12, 14, 16, 17, 22, 24, 26, 29-32  
 Veterans Administration  
 Annual Report of Administrator of Veterans Affairs.----- 9

*Other*

- Alfred M. Best Co., New York, N. Y.  
 Best's Insurance Reports. Annual. (Separate volumes on life, cas-  
 ualty, and surety companies.)  
 American Medical Association, Chicago, Ill.  
 Voluntary Prepayment Medical Benefit Plans; Charts and Graphs.  
 Annual.  
 Health Information Foundation, New York, N. Y.  
 National Family Survey of Medical Costs and Voluntary Health  
 Insurance. 1954.----- 2  
 Health Insurance Council, New York, N. Y.  
 Accident and Health Coverage in the United States. Annual.

**Insurance—Continued***Other—Continued*Abstract  
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- Institute of Life Insurance, New York, N. Y.  
 Life Insurance Fact Book. Annual----- 16
- Michigan University, Survey Research Center, Ann Arbor, Mich.  
 Life Insurance Ownership Among American Families, 1952.
- National Board of Fire Underwriters, New York, N. Y.  
 Report of the Committee on Statistics and Origin of Losses. Annual----- 16
- The Spectator, Philadelphia, Pa.  
 Spectator Life Insurance Yearbook. Annual----- 16, 20
- The Spectator Magazine. Annual Statistical Issue.

**International Accounts and Aid***United States Government*

- Board of Governors of the Federal Reserve System  
 Federal Reserve Bulletin. Monthly----- 11, 14, 16, 17, 28-32
- Export-Import Bank  
 Semiannual Report to Congress.
- Foreign Operations Administration  
 Allotments, Authorizations, and Paid Shipments. Monthly. (Discontinued with June 1954 issue; see Operations Report for later data.)----- 32
- Operations Report. Quarterly.
- Office of Business Economics  
 Balance of International Payments of the United States, 1946-48.  
 Balance of Payments of the United States, 1919-53, Revised Series.  
 (Supplement to Survey of Current Business, 1954.)
- Foreign Aid by the United States Government, 1940-51. (Supplement to Survey of Current Business, 1952.)
- Foreign Grants and Credits by the United States Government.  
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- Foreign Investments of the United States. (Supplement to Survey of Current Business, 1953.)----- 32
- International Transactions of the United States During the War, 1940-45----- 32
- Survey of Current Business. Quarterly analysis and estimates of the Balance of Payments, and special articles on international transactions----- 11, 12, 14, 16, 17, 22, 24, 26, 29-32
- Treasury Department  
 Census of American-Owned Assets in Foreign Countries. 1947.
- Treasury Bulletin. Monthly. (Data on capital movements.)----- 14
- Other*
- Guaranty Trust Company of New York, New York, N. Y.  
 The Guaranty Survey. Monthly.
- International Bank for Reconstruction and Development  
 Annual Report.
- International Monetary Fund  
 Annual Report.  
 Balance of Payments Yearbook. Annual.
- National Association of Manufacturers, New York, N. Y.  
 Capital Export Potentialities After 1952. 1949.

**International Statistics**

- International Labour Office  
 Yearbook of Labour Statistics. Annual.
- International Monetary Fund  
 Balance of Payments Yearbook. Annual.  
 International Financial Statistics. Monthly.
- United Nations, Food and Agricultural Organization, Rome, Italy  
 Yearbook of Food and Agricultural Statistics, Part I, Production.
- United Nations, Statistical Office, New York, N. Y.  
 Demographic Yearbook.  
 Income Statistics of Various Countries.  
 Monthly Bulletin of Statistics.  
 Statistical Yearbook----- 34
- Yearbook of International Trade Statistics.



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|--|----|
| Commodity Exchange Authority   |    |
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| Congress. Joint Committee on the Economic Report   |    |
| Factors Affecting Volume, and Stability of Private Investment. 1949.   |    |
| Department of Commerce   |    |
| Markets After the Defense Expansion. 1952.   |    |
| Federal Trade Commission and Securities and Exchange Commission  |    |
| Quarterly Financial Report United States Manufacturing Corporations.   |    |
| Securities and Exchange Commission   |    |
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| New Securities Offerings. Releases issued quarterly presenting data on all new securities offerings by corporations in the United States. Quarterly. |    |
| Privately Placed Securities—Cost of Flotation, 1947, 1949-50.  |    |
| Problem of Multiple Trading on Securities Exchanges. Annual.   |    |
| Statistical Bulletin. Monthly.....   | 16 |
| Survey of American Listed Corporations. (Individual industry reports and statistical studies covering periods from 1936-47.)                         |    |
| Treasury Department  |    |
| Prices and Yields of Public Marketable Securities Issued by the United States Government and by Federal Agencies. Monthly.                           |    |
| Last issue, 1953. (Contains daily quotations.)   |    |

*Other*

- |   |    |
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| The Brookings Institution, Washington, D. C.  |    |
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| Commercial and Financial Chronicle. (William B. Dana Co., New York, N. Y.) Semiweekly.....  | 16 |
| Dun & Bradstreet, Inc., New York, N. Y.   |    |
| Dun's Statistical Review. Monthly.....  | 17 |
| Moody's Investors Service, New York, N. Y.  |    |
| Moody's Manual of Investments. Annual with semiweekly supplements. (Volumes on Industrials; Banks, Insurance, Real Estate, and Investment Trusts; Municipals and Governments; Railroads; and Public Utilities.) |    |
| National Bureau of Economic Research, New York, N. Y.   |    |
| Basic Yields of Bonds, 1926-47: Their Measurement and Pattern (Technical Paper No. 6), by David Durand and Willis J. Winn. 1947.  |    |
| Corporate Income Retention, 1915-43, by Sergei P. Dobrovolsky. 1952.  |    |
| The Nature and Tax Treatment of Capital Gains and Losses, by Lawrence H. Seltzer. 1951.   |    |
| The Volume of Corporate Bond Financing since 1900, by W. Brad-dock Hickman. 1953.   |    |
| New York Stock Exchange, New York, N. Y.  |    |
| Year Book. Annual.....  | 16 |
| Standard and Poor's Corporation, New York, N. Y.  |    |
| Corporation Records, 6 basic volumes; News Supplements, daily; and Dividend Record, daily with monthly and annual cumulative sections.  |    |
| Statistical Section (basic business, industry, and financial statistics with monthly supplement).   |    |

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## Bureau of the Census

- Census of Agriculture. Quinquennial..... 23-25, 33  
 Drainage of Agricultural Lands. Decennial.  
 Irrigation of Agricultural Lands. Decennial.

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- Federal Reserve Bulletin. Monthly. (Indexes of employment.)---- 11,  
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- Census of Business. Decennial, 1930 and 1940; quinquennial, 1948 (latest census; 1954 census in process). Special censuses in 1933 and 1935..... 31

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- Public Employment. (Quarterly reports showing monthly national aggregates of employees and payrolls; last issue January 1955. Later data to be compiled by Bureau of Labor Statistics. Annual reports, City Employment and State Distribution of Public Employment.)----- 15

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- Farm Population. Periodic reports..... 1

## Bureau of the Census and Bureau of Agricultural Economics

- Changes in Distribution of Manufacturing Wage Earners, 1899-1939. 1942.

## Bureau of Employees' Compensation

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- Employment Security Review. Monthly.

- The Labor Market and Employment Security, and a Statistical Supplement. Monthly. Special issue of Statistical Supplement on Employment and Wages. Quarterly and annually.

## Bureau of Labor Statistics

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- Employment in New England, 1939-53. 1953.

- Handbook of Labor Statistics, 1950 Edition and 1951 Supplement.... 8, 12

- Monthly Labor Review..... 8, 12, 29

- Techniques of Preparing Major BLS Statistical Series. Bulletin No. 1168. 1954.

- Union Wages and Hours (for selected occupations). Annual.

- Work Injuries in the United States. Annual bulletin..... 8



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## International Labour Office.

Yearbook of Labour Statistics. Annual.

## National Bureau of Economic Research, New York, N. Y.

Behavior of Wage Rates during Business Cycles (Occasional Paper No.  
34), by Daniel Creamer. 1950.Domestic Servants in the United States, 1900–40, by George J.  
Stigler. 1946.

## National Education Association, Washington, D. C.

Salaries and Salary Schedules of Urban School Employees. Biennial.  
(Published in National Education Association Research Bulletin.)

## National Industrial Conference Board, Inc., New York, N. Y.

The Economic Almanac. Annual.

The Management Almanac. Annual.

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## Social Science Research Council, New York, N. Y.

The Labor Force in the United States: 1890–1960, by John D.  
Durand. 1948.**Land and Air Transportation—see also Manufactures; Money; Roads; and  
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## Bureau of Public Roads

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## Civil Aeronautics Administration

Civil Aeronautics Journal. Monthly. (Latest issue, July 1952.)

Statistical Handbook of Civil Aviation. Annual..... 21

## Civil Aeronautics Board

Annual Airline Statistics. Last issue, 1948.

Recurrent reports of financial, mileage, and traffic data. Monthly.

## Interstate Commerce Commission

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Freight Commodity Statistics, Class I Steam Railways. Annual; also  
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Intercity Ton-Miles, 1939–1952. March 1954. (Statement No. 544.)..... 21

Monthly Report on Transportation Statistics.

Operating Revenues and Operating Expenses, Class I Steam Railways.  
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Selected Financial and Operating Statistics from Annual Reports of Freight Forwarders. Annual; also quarterly.

Selected Income and Balance Sheet Items, Class I Steam Railways. Monthly; cumulated in December issue.

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Wage Statistics of Class I Steam Railways in the United States. Monthly with annual summary----- 21

*Other*

Aircraft Industries Association. (Lincoln Press, Inc., Washington, D. C.) Aviation Facts and Figures. 1955.

American Railway Car Institute, New York, N. Y. Statistics of Car Building and Car Repairing. Annual.

American Transit Association, New York, N. Y.

Mass Transportation. Monthly.

Transit Fact Book. Annual----- 21

American Trucking Associations, Inc., Washington, D. C.

Truck Loading and Revenue. Monthly releases.

Association of American Railroads, Washington, D. C.

Daily, weekly, monthly, annual, and special reports on railroad conditions.

Railroad Transportation. A Statistical Record, 1911-47.

Revenue Freight Loaded and Received from Connections. Weekly. (Annual summary, Cars of Revenue Freight Loaded.)----- 21

Automobile Manufacturers Association, Inc., Detroit, Mich.

Automobile Facts and Figures. Annual----- 20

Motor Truck Facts. Annual.

Automotive News. (Slocum Publishing Company, Inc., Detroit, Mich.) Almanac Issue. Annual.

Bus Transportation. (McGraw-Hill Publishing Company, Inc., New York, N. Y.) Monthly. Annual Review of Industry Progress Number----- 21

National Association of Motor Bus Operators, Washington, D. C. Bus Facts. Annual.

National Bureau of Economic Research, New York, N. Y.

The Transportation Industries, 1899-1946: A study of output, employment and productivity, by Harold Barger. 1952.

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Administrative Office of the United States Courts

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Bureau of Labor Statistics

Prison Labor in the United States, 1940. 1941.

Bureau of Prisons

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National Prisoner Statistics. Periodic bulletins and reports.

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- American Bar Association, Chicago, Ill.  
 American Bar Association Journal. (February and March 1953 issues include "The Economics of the Legal Profession.")  
 Survey of the Legal Profession. The Second Statistical Report on the Lawyers of the United States. (Prepared from the Martindale-Hubbell Law Directory, 1952 edition.)----- 5  
 American Prison Association, New York, N. Y.  
 State and National Correctional Institutions of the U. S. A. and Canada. Annual.  
 Blaustein, Albert P. and others. (Chicago, University of Chicago Press)  
 The American Lawyer; A Summary of the Legal Profession. 1954.  
 Northwestern University School of Law, Chicago, Ill. Journal of Criminal Law and Criminology. Bimonthly.

Libraries—see Education.

Life Tables—see Population; and Vital Statistics.

Livestock—see Agriculture.

Local Government—see State and Local Government.

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 Facts for Industry. Monthly, quarterly, and annual series issued by Bureau of the Census. Many of these are compiled in cooperation with other U. S. Government agencies. Statistics on production, sales, stocks, shipments, inventories, and in a few instances consumption of commodities and products of manufacture are presented. 25, 26, 30  
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 Federal Trade Commission  
 Report of the Federal Trade Commission on Changes in Concentration in Manufacturing, 1935 to 1947 and 1950. 1954.  
 Report of the Federal Trade Commission on the Merger Movement.  
 Report on Corporate Mergers and Acquisitions. 1955.

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Quarterly Financial Report Series for All U. S. Manufacturing Cor-  
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## Internal Revenue Service

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## Office of Business Economics

Industry Survey Reports. Monthly statistics on manufacturers' sales,  
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ticles----- 11, 12, 14, 16, 17, 22, 24, 26, 29-32Office of Business Economics and Securities and Exchange Commission  
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## Tariff Commission

Synthetic Organic Chemicals, U. S. Production and Sales. Annual---- 30

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American Iron and Steel Institute, New York, N. Y.

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Automobile Manufacturers Association, Inc., Detroit, Mich.

Automobile Facts and Figures. Annual----- 20

Motor Truck Facts. Annual.

Automotive News. (Slocum Publishing Company, Inc., Detroit, Mich.)  
Almanac Issue. Annual.

Commodity Research Bureau, Inc., New York, N. Y.

Commodity Yearbook. Annual.

Iron Age. (Chilton Company, Inc., Chicago, Ill.) Weekly----- 28

National Association of Hosiery Manufacturers, New York, N. Y.

Hosiery Statistics. Monthly and annual----- 30

National Bureau of Economic Research, New York, N. Y.

Business Incorporations in the United States, 1800-1943, by George  
Heberton Evans, Jr. 1948.Employment in Manufacturing, 1899-1939, by Solomon Fabricant.  
1942.The Output of Manufacturing Industries, 1899-1937, by Solomon  
Fabricant. 1940.Value of Commodity Output since 1869, by William Howard Shaw.  
1947.

National Canners Association, Washington, D. C.

Canned Food Pack Statistics. Annual----- 30

National Fertilizer Association, Inc., Washington, D. C.

National Fertilizer Review. Quarterly----- 24

Steel. (Penton Publishing Company, Cleveland, Ohio.) Weekly.

Marine Corps—see Military Services.

Marriage—see Vital Statistics.

Medical Care—see Health.

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Merchant Vessels—see Water Transportation.

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## Bureau of the Budget

The Budget of the United States Government. Annual----- 9, 14, 15, 29

## Bureau of the Census

Elections. (Special reports, The Soldier Vote in 1942 and Army and  
Navy Voting in 1944.)

## Bureau of Labor Statistics

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- Department of the Army  
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- Department of Defense  
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- Facts for Industry. Monthly, quarterly, and annual series issued by Bureau of the Census. Many of these are compiled in cooperation with other U. S. Government agencies. Statistics cover production, sales, stocks, shipments, inventories, and in a few instances consumption of commodities and products of manufacture----- 25, 26, 30
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- Mineral Industry Surveys. Weekly, monthly, quarterly, or annual reports on production, stocks, consumption, shipments, and similar data relating to minerals. Examples of these reports are: Weekly Coal Report, Weekly Crude Oil Stock Report, Quarterly Gypsum Report, Monthly Coke Report, Monthly Iron Ore Report, Monthly and Annual Petroleum Statement, etc----- 19, 28
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- President's Materials Policy Commission  
Resources for Freedom.
- Securities and Exchange Commission  
Statistical Bulletin. Monthly----- 16
- Treasury Department  
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- American Bureau of Metal Statistics, New York, N. Y.  
Year Book.
- American Gas Association, New York, N. Y.  
Gas Facts. Annual----- 19  
Monthly and quarterly reports of utility gas sales.

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- American Iron and Steel Institute, New York, N. Y.  
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- American Petroleum Institute, New York, N. Y.  
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- Bituminous Coal Institute, Washington, D. C.  
Bituminous Coal. Annual.
- Commodity Research Bureau, Inc., New York, N. Y.  
Commodity Yearbook. Annual.
- Engineering and Mining Journal. (McGraw-Hill Publishing Company,  
New York, N. Y.) Monthly..... 28
- The Independent Petroleum Association of America, Tulsa, Okla.  
The Oil Producing Industry in Your State. 1952 edition.
- Iron Age. (Chilton Co., Inc., Chicago, Ill.) Weekly..... 28
- National Bureau of Economic Research, New York, N. Y.  
The Mining Industries, 1899–1939: A Study of Output, Employment,  
and Productivity, by Harold Barger and Sam H. Schurr. 1944.
- The Oil and Gas Journal. (Petroleum Publishing Co., Tulsa, Okla.)  
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- Petroleum Engineer Publishing Co., Dallas, Tex.  
Petroleum Data Book. (Latest edition 1948.)

**Money and Banking—see also Insurance; International Accounts; and Invest-  
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- Board of Governors of the Federal Reserve System  
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- Bank Debits and Clearings and Their Use in Economic Analysis.  
1952.
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- Federal Reserve Bulletin. Monthly. (Also monthly and annual  
releases on bank debits, weekly releases on condition of banks,  
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- Federal Reserve Charts on Bank Credit, Money Rates, and Business.  
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- Bureau of the Census  
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- Foreign Commerce and Navigation of the United States. Annual.  
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- Quarterly Summary of Foreign Commerce of the United States.  
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- Bureau of the Census and Bureau of Agricultural Economics  
Farm Mortgage Debt (U. S. Census of Agriculture: 1950, Vol. V, pt. 8). 24
- Bureau of Federal Credit Unions  
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- Bureau of Labor Statistics  
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Commercial and Financial Chronicle's Bank and Quotation Record. (William B. Dana Co., New York, N. Y.) Monthly.	
National Bureau of Economic Research, New York, N. Y.	
A Study of Money Flows in the United States, by Morris A. Copeland: 1952.	
U. S. Savings and Loan League, Chicago, Ill.	
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Wall Street Journal. (Dow Jones & Co., Inc., New York, N. Y.)	
Daily except Saturdays, Sundays, and holidays.	

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Mortgages—see Construction; and Money.

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Municipal Government—see State and Local Government.

Natality—see Vital Statistics.

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Net Farm Income and Parity Report. Annual through 1943. Later and revised data published in "The Farm Income Situation" reports. (See Situation Reports under Agricultural Marketing Service.).....	24
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Potential Economic Growth of the United States During the Next Decades. (83d Congress; 2d Session.)	

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Statistics of Income. Parts 1 and 2. Annual..... 14, 17, 31

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Income Distribution in the United States. (Supplement to Survey of Current Business, 1953; 1950-1953 data in Survey of Current Business, March 1955.)

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## American Economic Association

Readings in the Theory of Income Distribution. (Contains a classified bibliography of articles on national income and distribution, 1920-45.)

Hoyt, Elizabeth E., Reid, Margaret J., and Hooks, Janet M. (Harper &amp; Brothers, New York, N. Y.)

American Income and Its Use. 1954.

National Bureau of Economic Research, New York, N. Y.

National Income: A Summary of Findings, by Simon Kuznets. 1946.

National Income and Its Composition, 1919-38, by Simon Kuznets. 1942.

National Product Since 1869, by Simon Kuznets. 1946.

## Studies in Income and Wealth:

Vol. 4—Outlay and Income in the United States, 1921-38, by Harold Barger.

Vol. 12—Thirteen Papers on National Wealth. 1950.

Vol. 13—Ten Papers on Size Distribution of Income. 1951.

Vol. 14—The second volume on wealth, comprising seven papers. 1951.

Vol. 15—Eight Papers on Income Size Distributions, 1952.

Vol. 16—Long-Range Economic Projection, 1954.

National Industrial Conference Board, Inc., New York, N. Y.

Business Record. Monthly. (See article on wealth in issue of November 11, 1939.)

The Economic Almanac. Annual.

National Income in the United States, 1799-1938, by Robert F. Martin. 1939.

National Park System—see Public Lands.

Naturalization—see Immigration.

Navy—see Military Services.

**Newspapers, Periodicals, and Books—see also Communications***United States Government*

## Bureau of the Census

Census of Manufactures. Quinquennial. (Biennial 1921-39.

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*Other*

Ayer, N. W. and Son, Inc.

N. W. Ayer and Son's Directory Newspapers and Periodicals. Annual.

Editor and Publisher. (Editor and Publisher Company, Inc., New York, N. Y.) Weekly. International Year Book Number..... 18

Publishers Weekly. (R. R. Bowker Co., New York, N. Y.) (Monthly data.)..... 18



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Bureau of the Census

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Current Population Reports. Population Characteristics, Population Estimates, Farm Population (issued jointly with Agricultural Marketing Service), Special Censuses . . . . . 1, 5, 10, 13, 33

Forecasts of the Population of the United States, 1945–75.

Bureau of the Census and Agricultural Marketing Service

Farm Population. Periodic reports . . . . . 1

National Resources Planning Board

Estimates of Future Population of the United States, 1940–2000. 1943.

*Other*

Princeton University School of Public Affairs and Population Association of America, Inc., Princeton, N. J.

Population Index. Quarterly.

Postal Service—*see* Communications.

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Estimated Future Power Requirements of the United States, 1953–1975. June 1954 . . . . . 19

National Electric Rate Book. Summaries of Rate Schedules. Revised annually.

Production of Electric Energy and Capacity of Generating Plants. Annual and monthly . . . . . 19

Sales of Electric Energy to Ultimate Consumers. Monthly.

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Statistics of Publicly Owned Electric Utilities. Annual.

Steam-Electric Plant Construction Cost and Annual Production Expenses. Annual.

Typical Electric Bills, Including Residential, Commercial and Industrial Service, Cities of 50,000 Population and More. Annual . . . . . 12

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Financial Statistics for Electric and Gas Subsidiaries of Registered Public-Utility Holding Companies. 1938-47.

Registered Public Utility Holding Company Systems. Annually by fiscal year periods beginning 1939.

Security Issues of Electric and Gas Utilities. 1935-46. (Supplements through 1948.)

Tennessee Valley Authority, Knoxville, Tenn.

Annual Report.

*Other*

American Gas Association, New York, N. Y.

Gas Facts. Annual-----

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Monthly and quarterly reports of utility gas sales.

Edison Electric Institute, New York, N. Y.

The Electric Light and Power Industry. Monthly and annual-----

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Weekly Electric Power Output.

National Bureau of Economic Research, New York, N. Y.

Output and Productivity in the Electric and Gas Utilities, 1899-1942, by Jacob Martin Gould. 1946.

Prices—see Business Indexes; and Commodity Prices.

Prisons and Prisoners—see Law Enforcement.

Public Assistance—see Child Welfare; Health; Insurance; and Social Insurance.

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## Agricultural Research Service

The Agricultural Finance Review. Annual-----

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## Bureau of the Census

Census of Governments, 1942. (1932 title, Financial Statistics of State and Local Governments; 1922 and earlier censuses, Wealth, Public Debt, and Taxation.) Includes reports, Governmental Finances in the United States, Governmental Units in the United States, Finances of Cities Having Populations Less Than 25,000, Finances of School Districts, and Finances of Townships and New England Towns. See also Revised Summary of State and Local Government Finances in 1942, and Historical Statistics on State and Local Government Finances, 1902-1953.

City Finances. (Annual series for cities with populations over 25,000: Summary report, Summary of City Government Finances; detailed data, Compendium of City Government Finances.)-----

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County Finances. (1946 and previous years; basic items of county government finances.)

State Finances. (Annual series providing individual State data and totals: Summary of State Government Finances; detailed Compendium of State Government Finances, Finances of Selected States, and State Tax Collections. See also Revised Summary of State Government Finances, 1942-1950)-----

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Summary of Governmental Finances. (Annual report on revenue, expenditure, and debt of Federal, State, and local governments.)--

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Survey of Current Business. (Special annual article on public and private debt.)-----

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Monthly Statement of Receipts and Expenditures of the United States Government.

Prices and Yields of Public Marketable Securities Issued by the United States Government and by Federal Agencies. Monthly. Last issue, 1953. (Contains daily quotations.)

Treasury Bulletin. Monthly-----

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- Moody's Investors Service, New York, N. Y.  
Municipals and Governments. Annual with semiweekly supplements.

Public Health—*see* Health.

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- Bureau of Agricultural Economics  
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Public Roads. Bimonthly.

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Survey of American Listed Corporations. (Individual industry reports and statistical studies covering periods from 1936-1947.)

*Other*

Chain Store Age. (Chain Store Publishing Company, New York, N. Y.) Monthly.

Dun &amp; Bradstreet, Inc., New York, N. Y.

Dun's Review and Modern Industry. Monthly.

Dun's Statistical Review. Monthly

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#### Agriculture

- Vol. I: Counties and State Economic Areas. Detailed statistics by counties and economic areas. Economic areas within each State comprise groups of counties having similar agricultural, demographic, and other characteristics. A series of 34 separately published parts.
- Vol. II: General Report. Summary data and analyses by subjects for States, for geographic divisions, and for the United States. Subject matter chapters also issued as separate bulletins.
- Vol. III: Irrigation of Agricultural Lands. State reports with statistics for counties and drainage basins, and a summary for the United States. State reports also issued as separate bulletins.
- Vol. IV: Drainage of Agricultural Lands. Data for States, for counties, and for the United States; all in one part.
- Vol. V: Special Reports (10 parts).  
 Part 1. Horticultural Specialties.  
 Part 2. Multiple-Unit Operations.  
 Part 3. Ranking Agricultural Counties.  
 Part 4. Land Utilization—A Graphic Summary.  
 Part 5. Farm Tenure—A Graphic Summary.  
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 Part 7. Irrigation of Agricultural Lands—A Graphic Summary.  
 Part 8. Farm Mortgage Debt.  
 Part 9. Economic Class and Type of Farm—A Graphic Summary.  
 Part 10. Farms and Farm Characteristics, by Subregions.

#### Housing

- Vol. I: General Characteristics. A separate bulletin is also issued for the United States, each State, and the District of Columbia, Alaska, Hawaii, Puerto Rico, and the Virgin Islands of the United States. Characteristics by States, counties, standard metropolitan areas, urban places, and other constituent areas.
- Vol. II: Nonfarm Housing Characteristics. Chapters also issued as separate bulletins for the United States and the 9 geographic divisions, and for each of the 152 standard metropolitan areas of 100,000 or more inhabitants including the 106 cities of 100,000 inhabitants or more in the United States.
- Vol. III: Farm Housing Characteristics. Analytical data for the rural-farm segment of the dwelling-unit inventory; for the United States and each of the 119 economic subregions. Subregions usually are combinations of two or more counties having relatively homogeneous agricultural conditions.
- Vol. IV: Residential Financing. Financial characteristics of nonfarm mortgaged residential properties, for the United States, the 4 geographic regions, and for the 25 largest standard metropolitan areas as measured by 1940 population figures (2 parts).  
 Part 1. United States.  
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- Vol. V: Block Statistics. Separate reports for each of the 209 cities in the United States which had a population of 50,000 or more inhabitants in 1940, or in a subsequent special census prior to 1950. (These bulletins *not* bound in a single publication.)

#### Population

- Vol. I: Number of Inhabitants. General characteristics of the population by States, counties, standard metropolitan areas, urban places, and other constituent areas. State chapters also issued as separate bulletins.

**Population—Continued**

- Vol. II: Characteristics of the Population. A series of separately published parts, one for each State and the District of Columbia, a summary for the United States, and another part for the Territories and possessions. Each part comprises the following chapters: (A) Number of Inhabitants, (B) General Characteristics, and (C) Detailed Characteristics. Each of these chapters also issued separately as State bulletins.
- Vol. III: Census Tract Statistics. Selected population and housing data by census tracts. 64 separate bulletins for tracted cities. (These bulletins *not* bound in a single publication.)
- Vol. IV: Special Reports. Comprises Series P-E Bulletins including: Employment and Personal Characteristics; Occupation by Industry; Institutional Population; Marital Status; Nativity and Parentage; Nonwhite Population by Race; Persons of Spanish Surname; Puerto Ricans in Continental U. S.; State of Birth; Characteristics by Size of Place; Education.

**1948 CENSUS OF BUSINESS**

Subject and area volumes: Subject volumes include a United States Summary chapter, a separate chapter for each subject, a miscellaneous chapter, and a chapter on Territories (Alaska and Hawaii). Area volumes contain statistics for standard metropolitan areas, cities, and counties, as well as for the United States, geographic divisions, and States.

**Retail Trade**

- Vol. I: General Statistics, Part 1.  
 Vol. II: General Statistics, Part 2, and Merchandise Line Sales Statistics.  
 Vol. III: Area Statistics.

**Wholesale Trade**

- Vol. IV: General Statistics and Commodity Line Sales Statistics.  
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- Vol. VI: General Statistics.  
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- The Grocery Trade.  
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 The Motion Picture Trade.  
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Census monograph: The Manufacturers' Agent as a Marketing Institution.

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- Vol. III: Reports for States. Also issued as separate bulletins for each State and the District of Columbia.
- Product Supplement. Data on shipments and/or production for more than 6,000 manufactured products.
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